

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132269.D
 Acq On : 01 Feb 2023 20:03
 Operator : CG\JU
 Sample : 01366-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-013023

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132269.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.301	414	419	425	rVB	939684	1015139	32.21%	2.275%
2	5.690	480	485	488	rBV	2420523	2423589	76.90%	5.432%
3	6.678	648	653	656	rVB	2566691	2390483	75.85%	5.358%
4	6.890	686	689	694	rBV	160729	153605	4.87%	0.344%
5	7.066	716	719	722	rVB	1152819	934761	29.66%	2.095%
6	7.337	762	765	767	rVB2	106642	89999	2.86%	0.202%
7	7.378	770	772	779	rVB2	98375	133624	4.24%	0.299%
8	7.595	805	809	811	rBV	131308	144184	4.57%	0.323%
9	7.631	811	815	817	rVV	1741183	1679762	53.30%	3.765%
10	7.648	817	818	823	rVB	254539	207404	6.58%	0.465%
11	7.713	823	829	832	rBV3	107073	149115	4.73%	0.334%
12	7.754	832	836	841	rBV5	55771	120519	3.82%	0.270%
13	7.878	855	857	864	rVB2	142638	137560	4.36%	0.308%
14	7.948	864	869	870	rBV2	59955	75394	2.39%	0.169%
15	7.995	874	877	879	rBV2	142197	122885	3.90%	0.275%
16	8.019	879	881	885	rVV2	101814	106444	3.38%	0.239%
17	8.060	885	888	890	rVV4	79848	79524	2.52%	0.178%
18	8.090	890	893	895	rVV	221626	196780	6.24%	0.441%
19	8.166	902	906	908	rVB3	74768	88939	2.82%	0.199%
20	8.190	908	910	913	rVB	140177	105901	3.36%	0.237%
21	8.254	918	921	924	rBV3	65403	90023	2.86%	0.202%
22	8.319	929	932	934	rVV	471166	432443	13.72%	0.969%
23	8.354	935	938	940	rVV	1555383	1245626	39.52%	2.792%
24	8.372	940	941	943	rVV2	156812	109597	3.48%	0.246%
25	8.401	943	946	949	rVB2	299519	273987	8.69%	0.614%
26	8.437	949	952	954	rBV3	104560	106137	3.37%	0.238%
27	8.548	969	971	975	rVB2	152619	132176	4.19%	0.296%
28	8.601	977	980	982	rBV	86777	76306	2.42%	0.171%
29	8.637	982	986	990	rVB5	255296	301500	9.57%	0.676%
30	8.684	990	994	995	rBV3	75552	81197	2.58%	0.182%
31	8.695	995	996	998	rVV2	114839	84629	2.69%	0.190%
32	8.737	1001	1003	1005	rVV	158967	127437	4.04%	0.286%
33	8.760	1005	1007	1010	rVV2	269105	200138	6.35%	0.449%
34	8.790	1010	1012	1015	rVV4	81717	78672	2.50%	0.176%
35	8.854	1020	1023	1028	rBV2	389466	374479	11.88%	0.839%
36	8.931	1033	1036	1041	rVV2	688186	621137	19.71%	1.392%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.984	1041	1045	1047	rVV5	92381	139068	4.41%	0.312%
38	9.019	1048	1051	1057	rVV4	177553	258481	8.20%	0.579%
39	9.066	1057	1059	1062	rVB2	102454	88591	2.81%	0.199%
40	9.178	1075	1078	1080	rVV3	343588	308958	9.80%	0.692%
41	9.213	1082	1084	1086	rVV2	169074	130253	4.13%	0.292%
42	9.260	1089	1092	1095	rVB3	142206	160745	5.10%	0.360%
43	9.295	1095	1098	1101	rBV2	261877	268109	8.51%	0.601%
44	9.366	1107	1110	1112	rVV3	297468	215556	6.84%	0.483%
45	9.395	1112	1115	1117	rVB2	99537	84057	2.67%	0.188%
46	9.431	1117	1121	1124	rBV	3657692	2921421	92.69%	6.548%
47	9.501	1130	1133	1136	rBV	917097	721292	22.89%	1.617%
48	9.584	1144	1147	1149	rVB	206624	181382	5.75%	0.407%
49	9.689	1162	1165	1171	rVB4	145322	203302	6.45%	0.456%
50	9.754	1171	1176	1178	rBV4	166622	268453	8.52%	0.602%
51	9.825	1184	1188	1192	rBV3	285989	366953	11.64%	0.822%
52	9.884	1196	1198	1201	rBV3	154578	163734	5.19%	0.367%
53	9.978	1211	1214	1218	rBV3	133633	126779	4.02%	0.284%
54	10.031	1221	1223	1227	rVB	943626	766440	24.32%	1.718%
55	10.119	1235	1238	1241	rVB	1559216	1183118	37.54%	2.652%
56	10.272	1260	1264	1266	rBV2	104448	156815	4.98%	0.351%
57	10.295	1266	1268	1270	rVV2	138180	114652	3.64%	0.257%
58	10.319	1270	1272	1275	rVB4	126580	127969	4.06%	0.287%
59	10.354	1275	1278	1280	rBV2	240211	206799	6.56%	0.463%
60	10.389	1283	1284	1288	rVB	120116	106322	3.37%	0.238%
61	10.436	1288	1292	1295	rBV3	112122	176894	5.61%	0.396%
62	10.536	1305	1309	1311	rBV	966966	774324	24.57%	1.735%
63	10.595	1317	1319	1324	rVB4	82321	122279	3.88%	0.274%
64	10.754	1341	1346	1349	rBV	358471	453307	14.38%	1.016%
65	10.807	1353	1355	1357	rBV2	101748	94051	2.98%	0.211%
66	10.836	1357	1360	1365	rVB3	129668	168524	5.35%	0.378%
67	10.878	1365	1367	1369	rBV2	136829	95962	3.04%	0.215%
68	10.907	1369	1372	1376	rBV	1703059	1447717	45.93%	3.245%
69	11.013	1387	1390	1395	rBV	893238	1036914	32.90%	2.324%
70	11.207	1420	1423	1426	rBV2	100799	125217	3.97%	0.281%
71	11.242	1426	1429	1432	rVV3	98091	119378	3.79%	0.268%
72	11.295	1436	1438	1441	rVB	106937	89972	2.85%	0.202%
73	11.336	1442	1445	1447	rBV2	97879	89663	2.84%	0.201%
74	11.460	1463	1466	1469	rBV	730277	585345	18.57%	1.312%
75	11.495	1469	1472	1474	rVB	248247	225535	7.16%	0.505%
76	11.619	1489	1493	1495	rBV	1254249	1110075	35.22%	2.488%

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77	11.642	1495	1497	1502	rVB	124300	122076	3.87%	0.274%
78	11.736	1511	1513	1517	rVB2	79889	76055	2.41%	0.170%
79	11.778	1517	1520	1523	rBV	79942	87082	2.76%	0.195%
80	11.842	1529	1531	1534	rBV	93232	91603	2.91%	0.205%
81	11.889	1537	1539	1543	rVB	604009	505171	16.03%	1.132%
82	11.995	1553	1557	1560	rVB	1108392	950248	30.15%	2.130%
83	12.125	1576	1579	1582	rBV	432384	372134	11.81%	0.834%
84	12.301	1606	1609	1612	rBV	545902	417982	13.26%	0.937%
85	12.689	1671	1675	1677	rBV2	3204838	3151790	100.00%	7.064%
86	12.707	1677	1678	1685	rVB2	2005482	1632303	51.79%	3.658%
87	12.789	1689	1692	1695	rBV	526158	435748	13.83%	0.977%
88	12.836	1695	1700	1706	rVB	210322	227775	7.23%	0.511%
89	12.913	1710	1713	1715	rBV2	132324	126442	4.01%	0.283%
90	13.072	1736	1740	1743	rVB	317301	287236	9.11%	0.644%
91	13.207	1759	1763	1767	rVB	2396597	2197348	69.72%	4.925%
92	13.424	1798	1800	1803	rBV	168378	143115	4.54%	0.321%
93	13.772	1856	1859	1862	rVB	116847	91418	2.90%	0.205%
94	14.060	1905	1908	1911	rBV	81760	87490	2.78%	0.196%
95	14.107	1913	1916	1928	rVB4	159586	332357	10.55%	0.745%
96	14.277	1941	1945	1948	rBV	1001488	954887	30.30%	2.140%
97	15.160	2091	2095	2102	rVB	465358	488115	15.49%	1.094%
98	15.383	2130	2133	2137	rBV	101300	158419	5.03%	0.355%
99	15.795	2200	2203	2209	rVB	91296	123948	3.93%	0.278%
100	15.866	2210	2215	2227	rVB	618529	881669	27.97%	1.976%

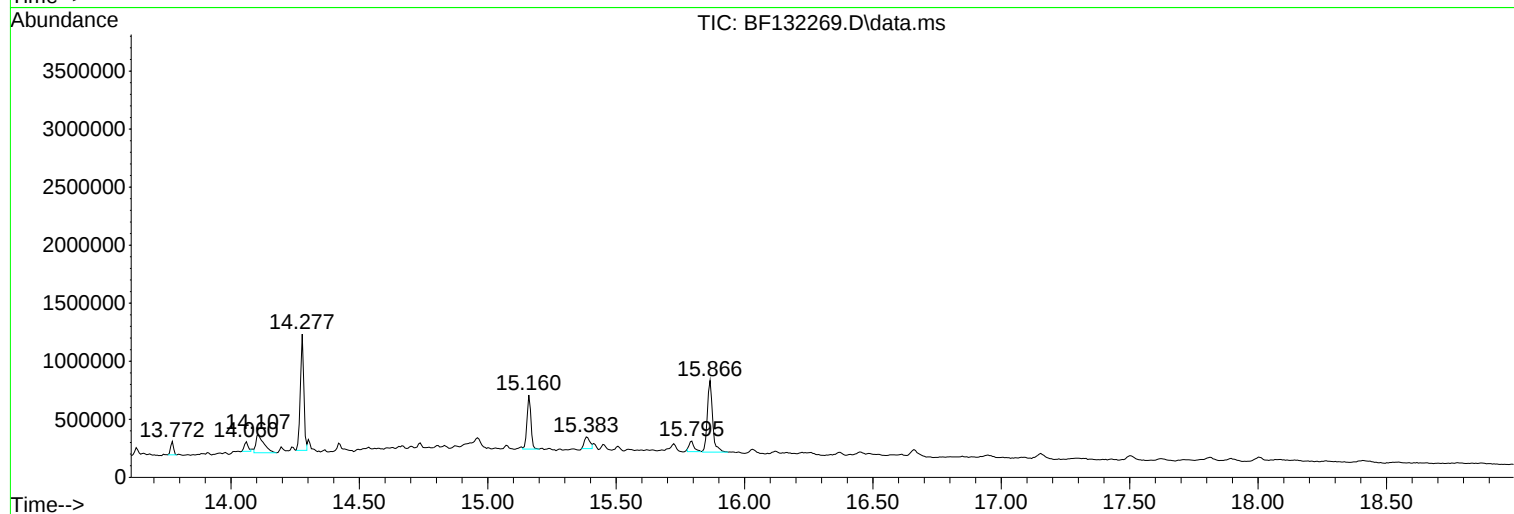
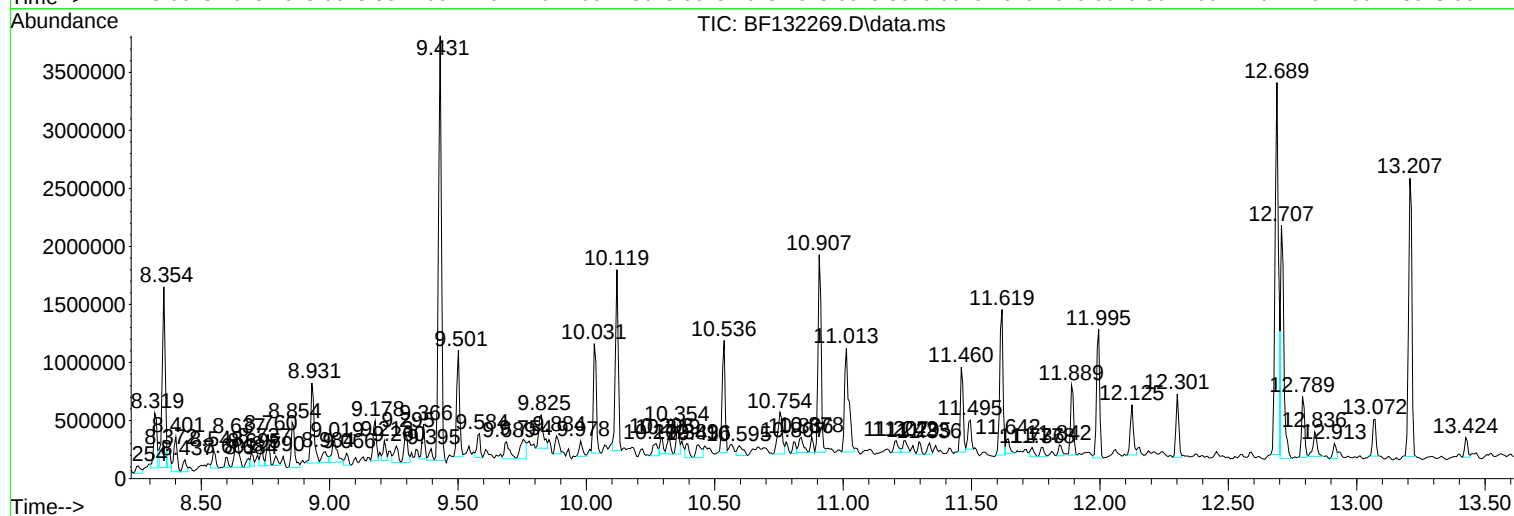
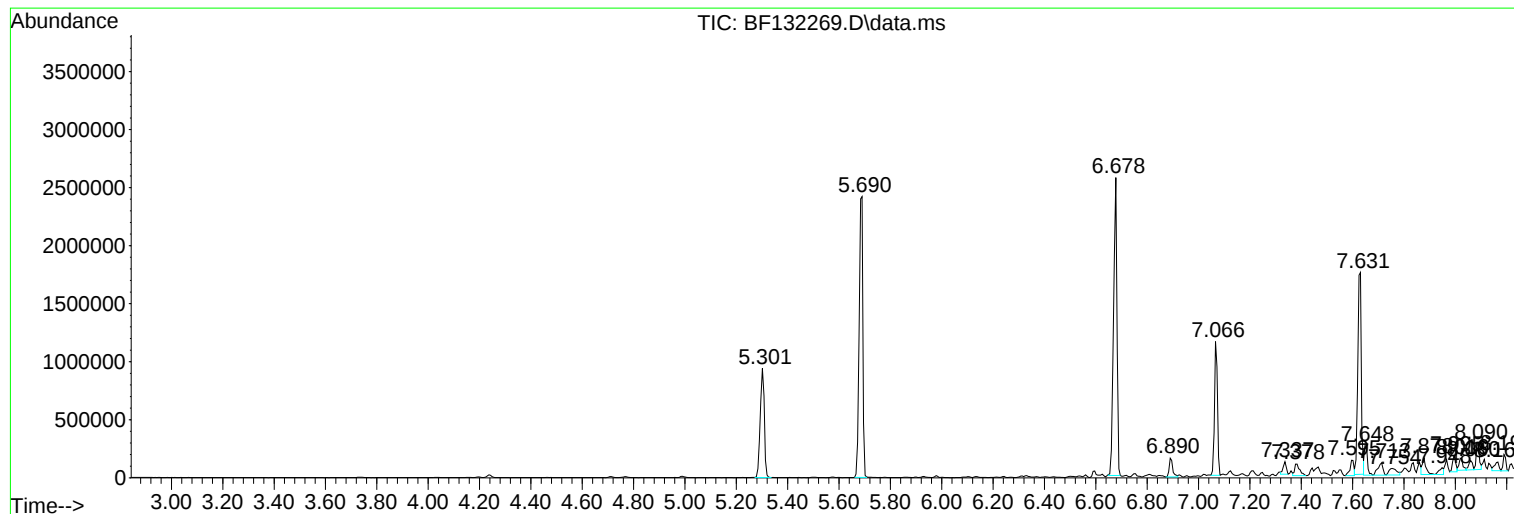
Sum of corrected areas: 44617912

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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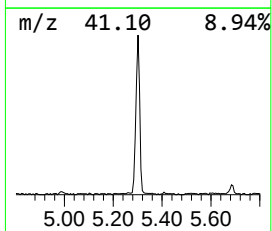
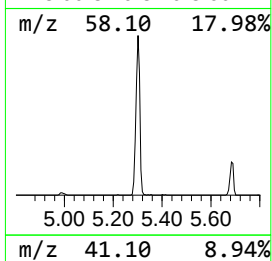
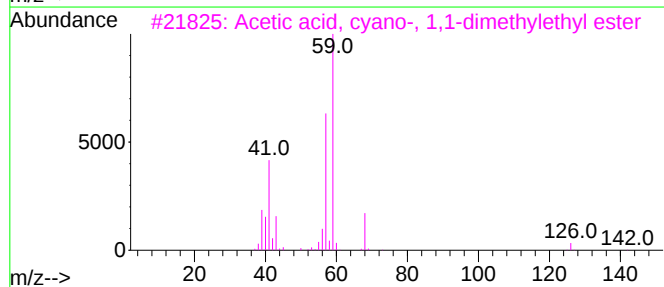
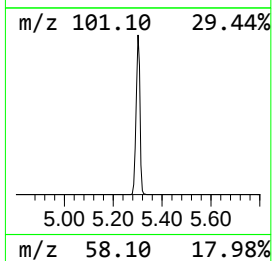
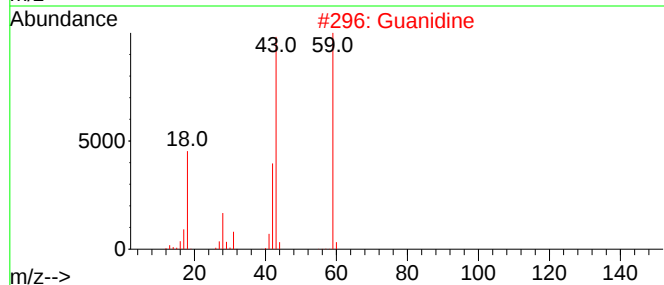
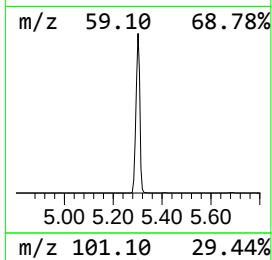
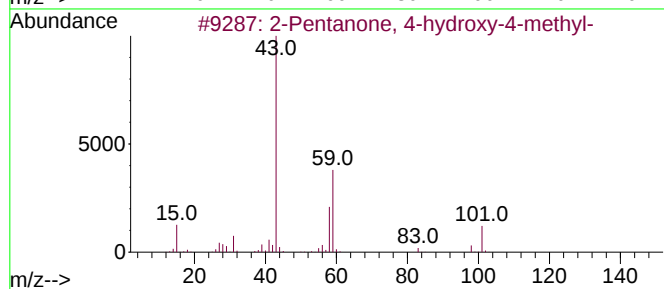
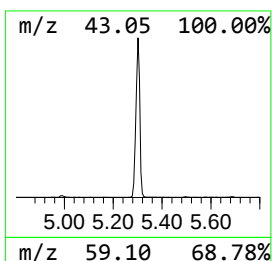
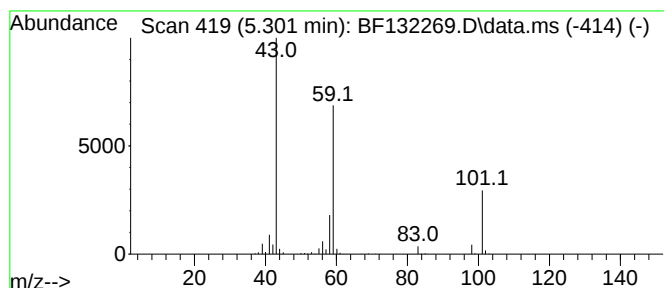
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.301	21.72 ng	1015140	1,4-Dichlorobenzene-d4	7.066	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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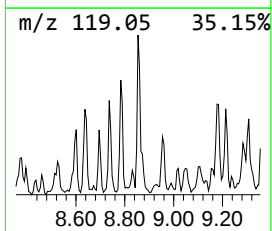
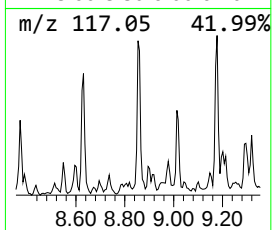
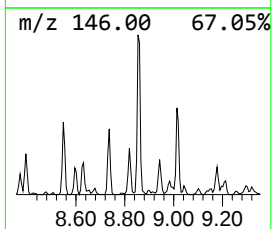
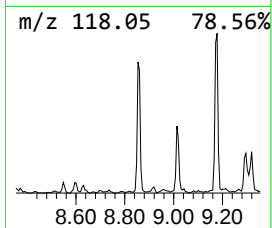
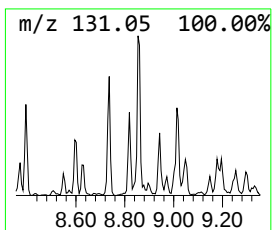
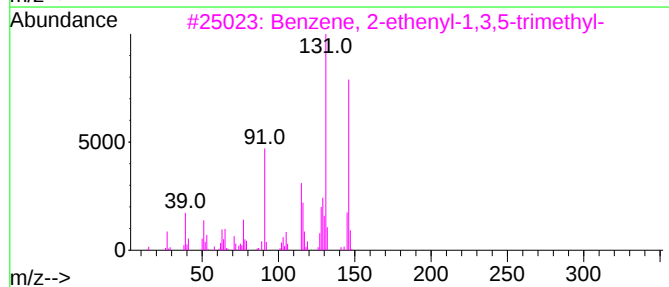
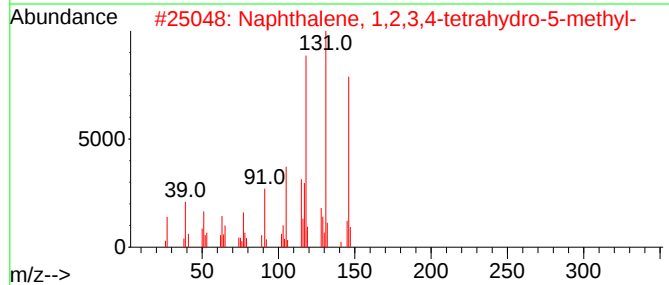
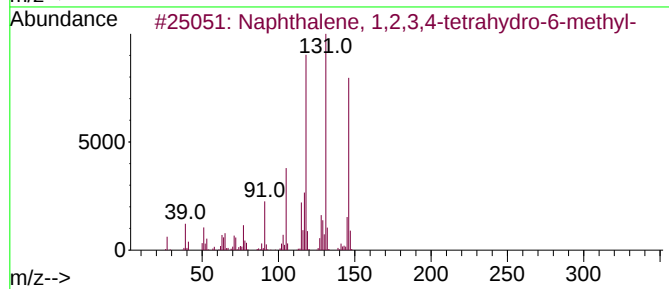
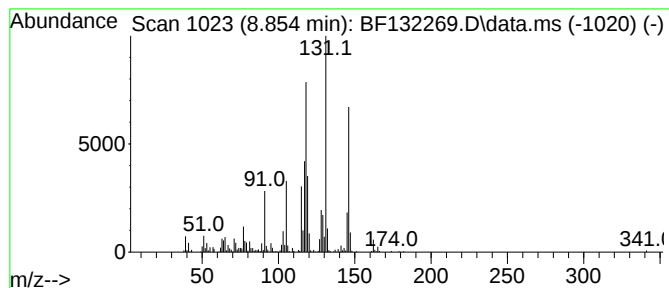
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.854	6.01 ng	374479	Naphthalene-d8	8.354	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	52



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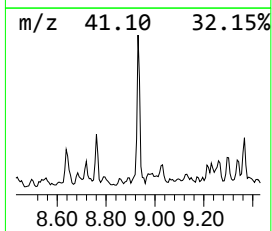
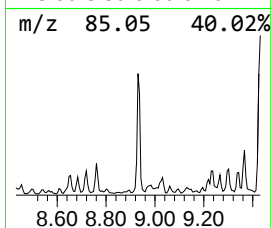
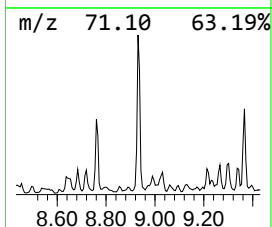
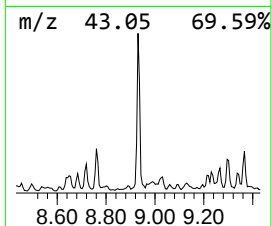
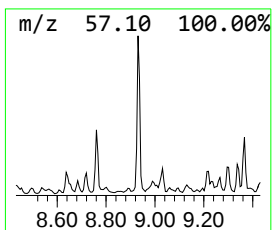
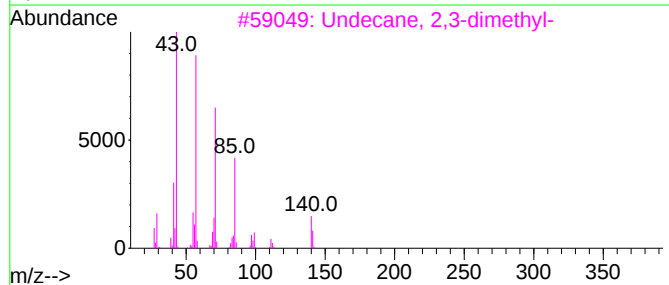
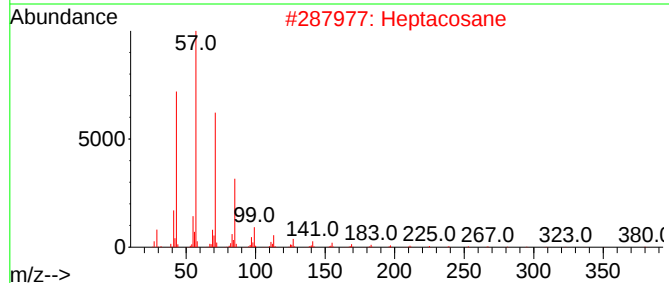
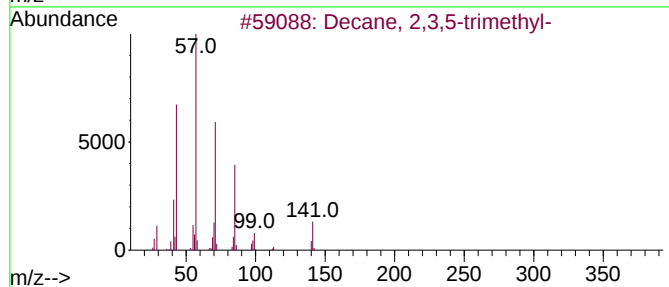
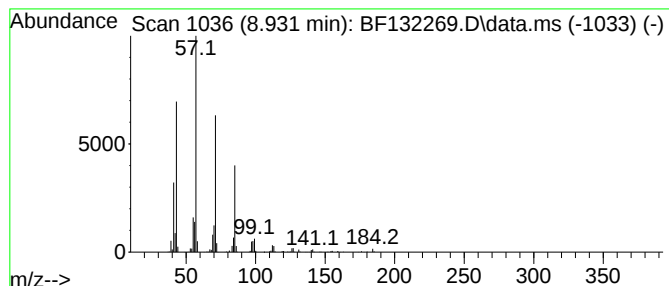
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.931	9.97 ng	621137	Naphthalene-d8	8.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2			Heptacosane	380	C27H56	000593-49-7	78
3			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-013023

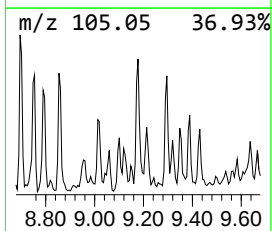
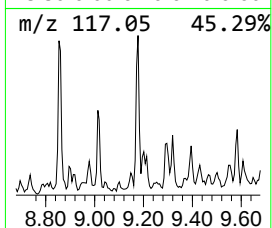
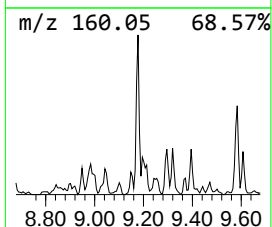
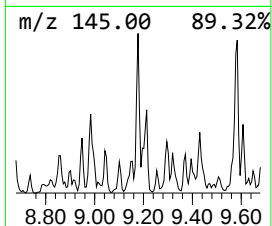
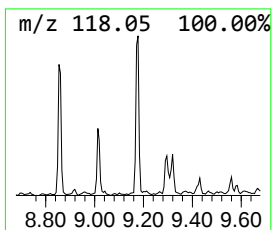
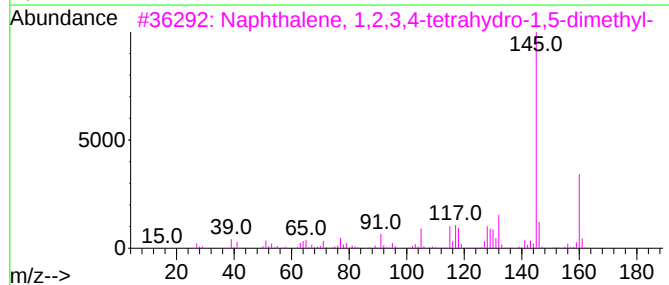
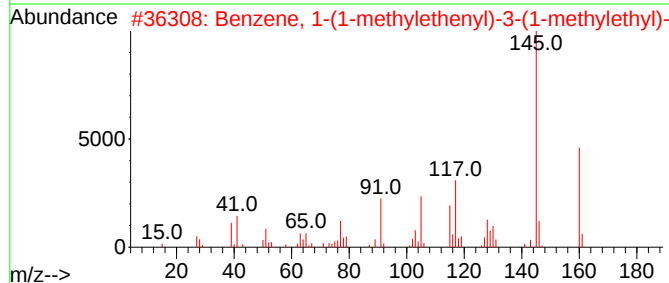
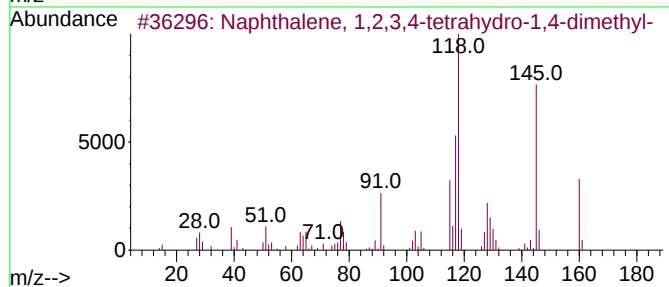
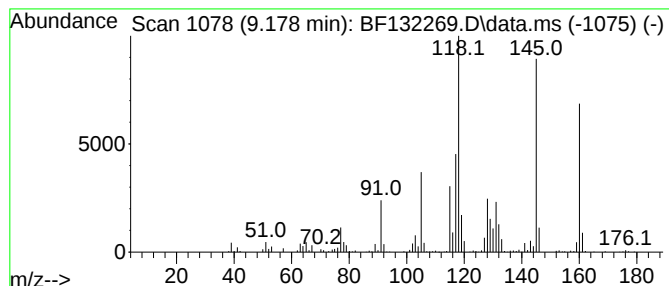
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.178	4.96 ng	308958	Naphthalene-d8	8.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	60
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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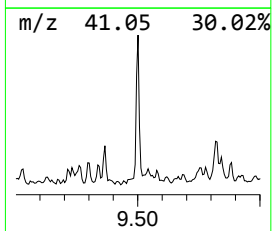
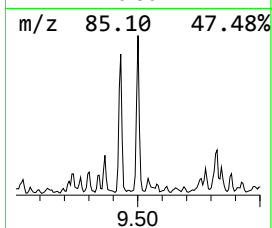
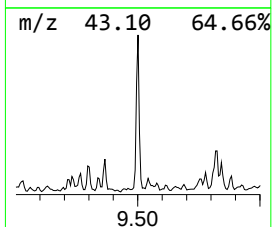
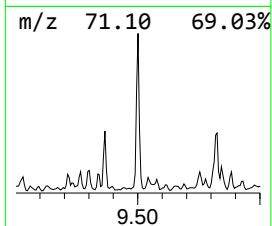
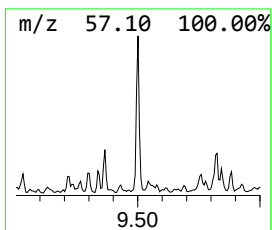
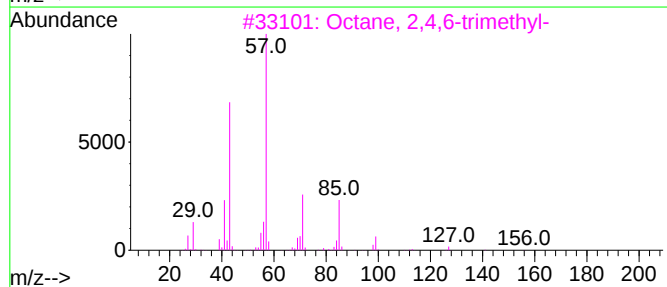
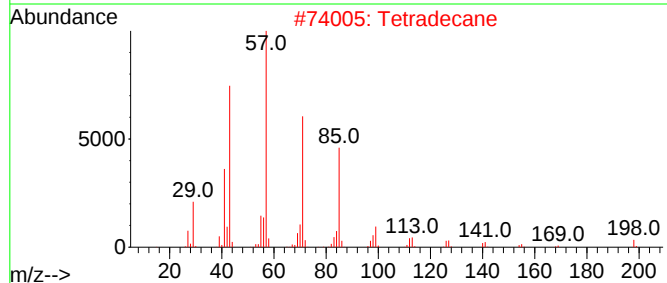
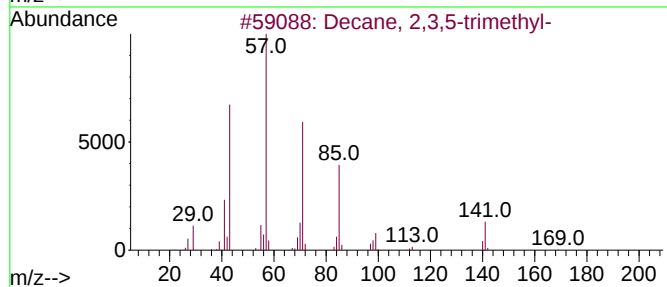
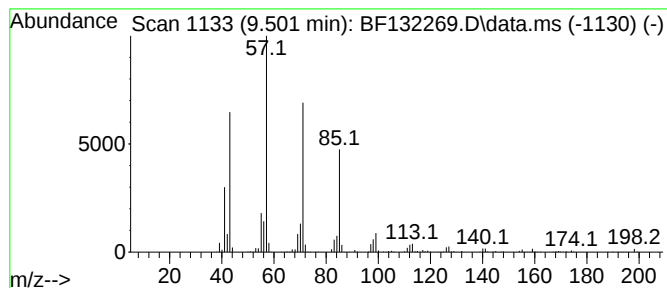
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.501	12.19 ng	721292	Acenaphthene-d10	10.119

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2			Tetradecane	198	C14H30	000629-59-4	87
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
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Misc :
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Instrument :
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ClientSampleId :
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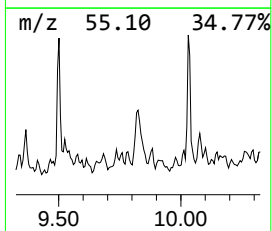
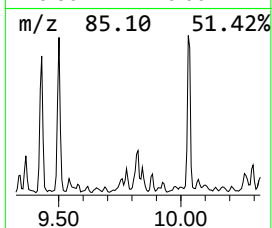
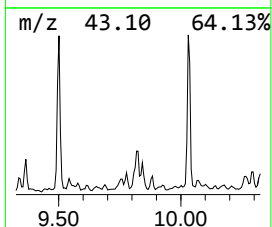
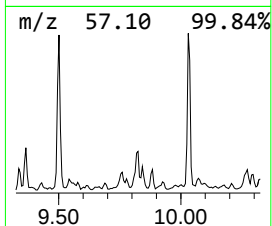
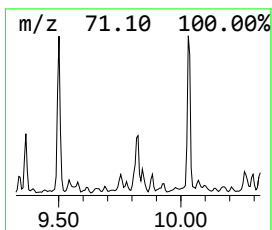
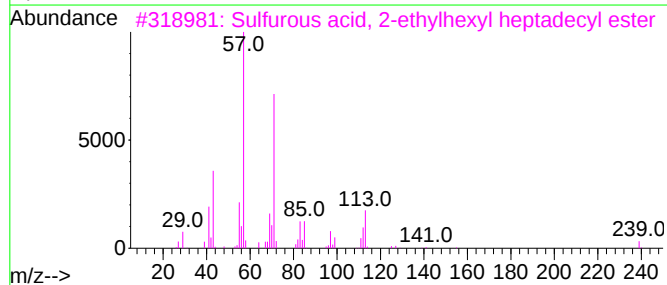
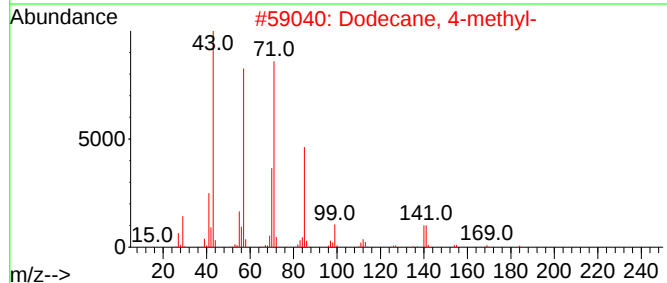
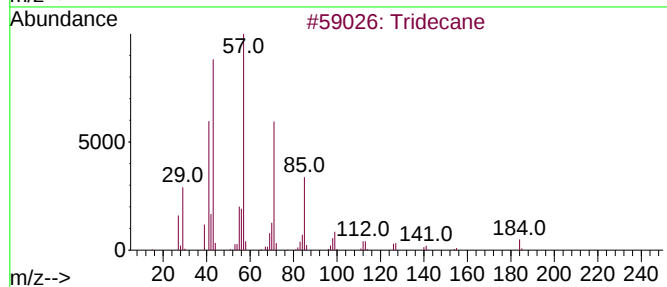
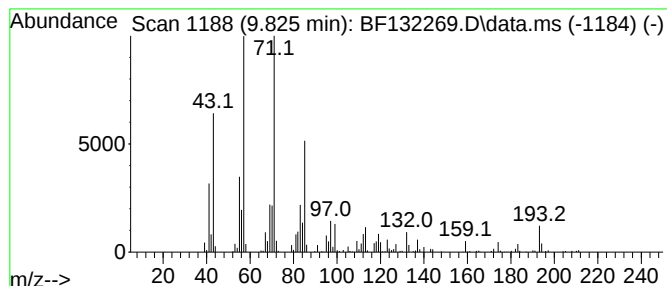
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.825	6.20 ng	366953	Acenaphthene-d10	10.119

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	70
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	52
4			Succinic acid, 2-fluorophenyl te...	296	C15H17F05	1000390-71-9	50
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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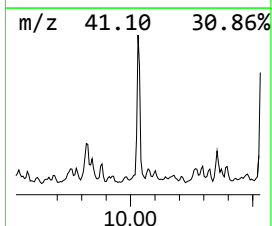
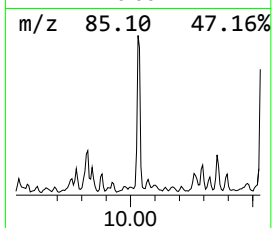
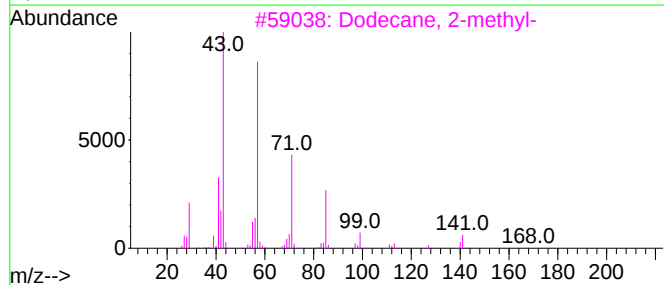
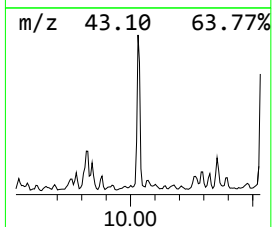
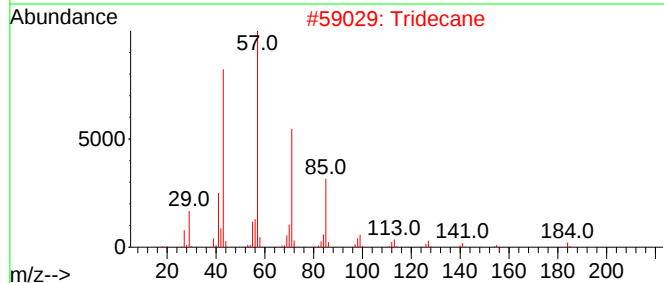
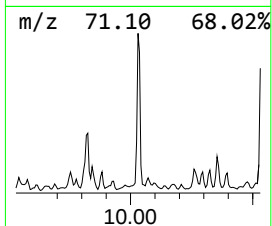
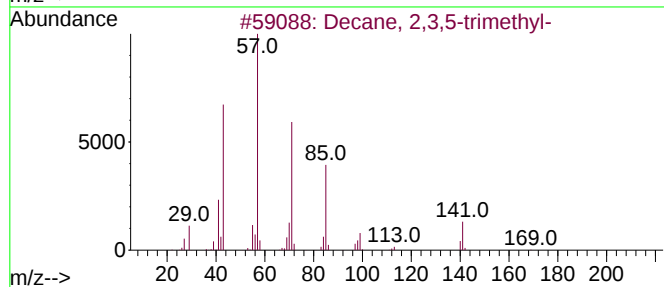
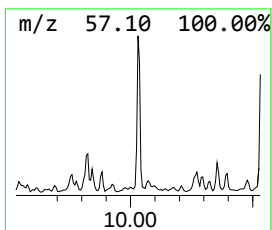
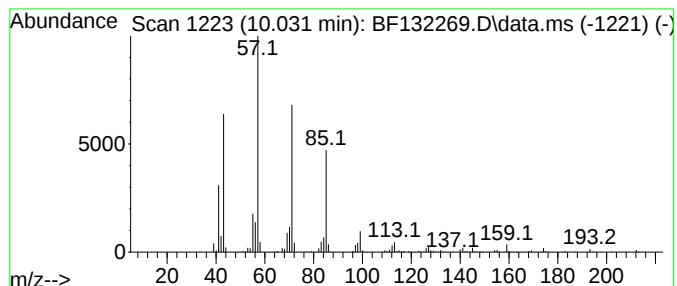
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.031	12.96 ng	766440	Acenaphthene-d10	10.119

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2			Tridecane	184	C13H28	000629-50-5	78
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
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Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

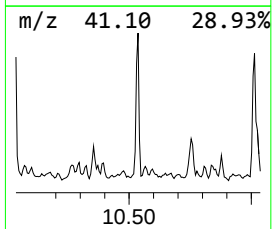
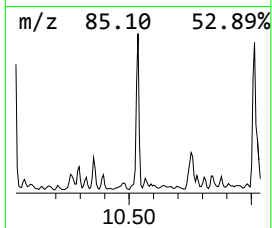
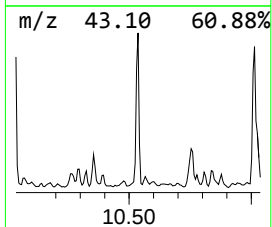
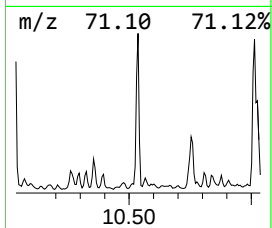
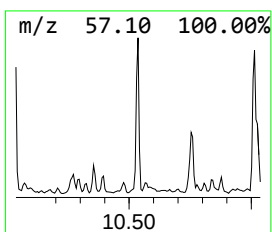
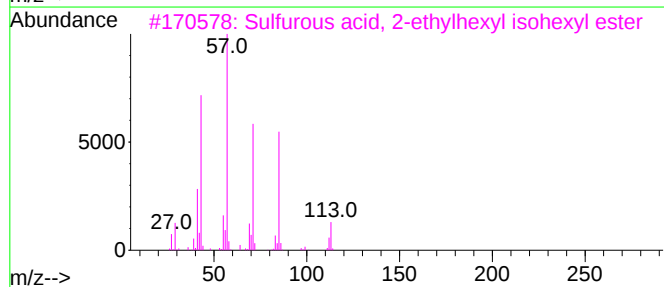
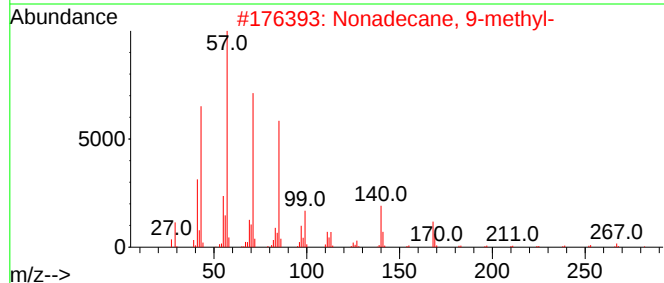
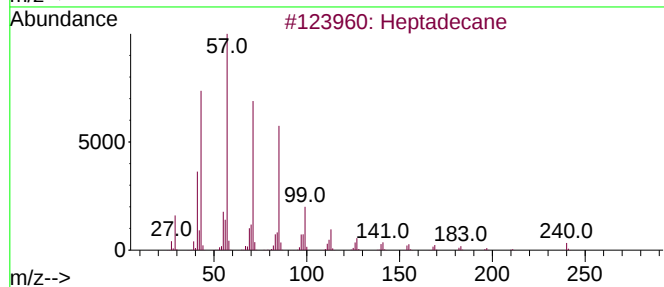
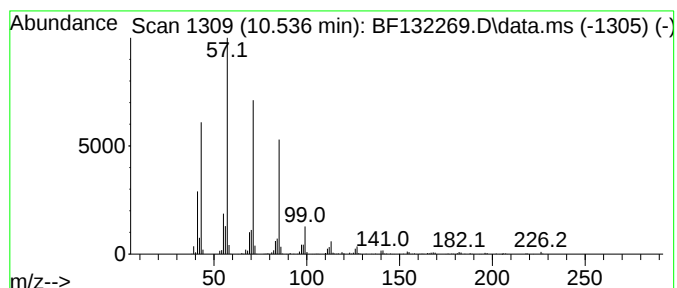
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.536	13.09 ng	774324	Acenaphthene-d10		10.119	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	86
3	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	72
4	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	70
5	Nonadecane		268	C19H40	000629-92-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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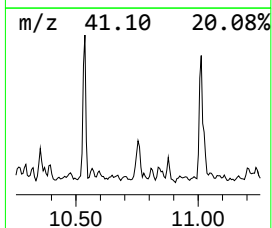
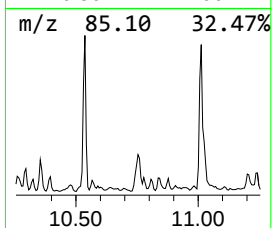
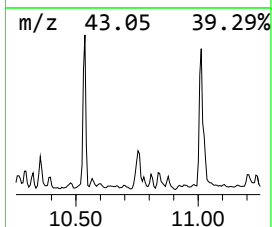
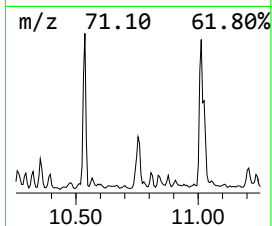
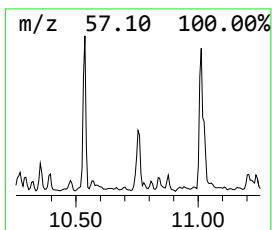
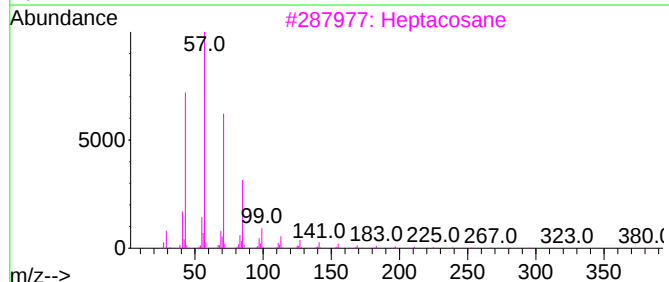
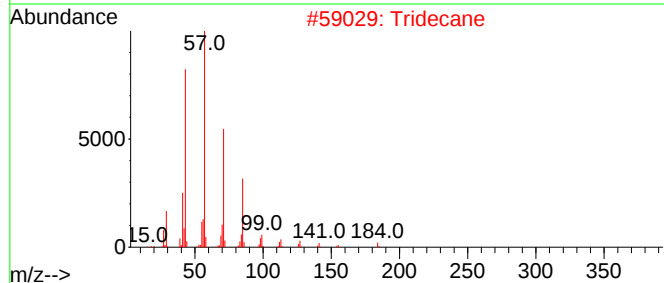
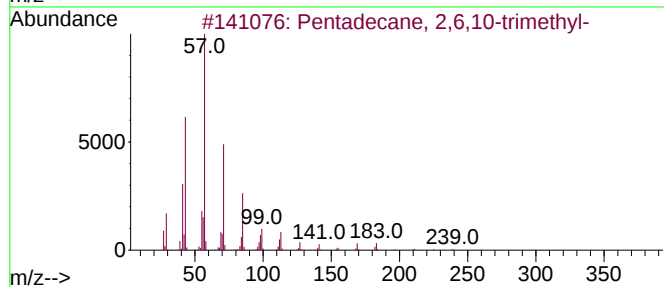
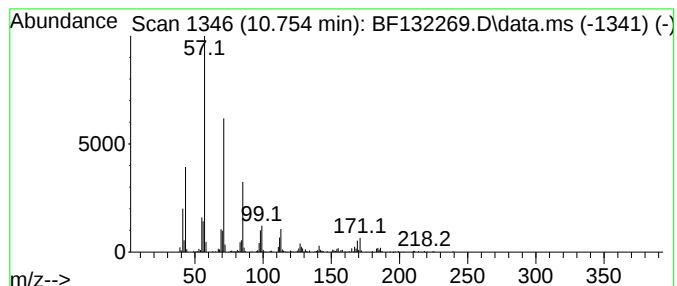
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.754	7.66 ng	453307	Acenaphthene-d10		10.119	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	87
2	Tridecane		184	C13H28	000629-50-5	76
3	Heptacosane		380	C27H56	000593-49-7	74
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	74
5	Nonadecane		268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

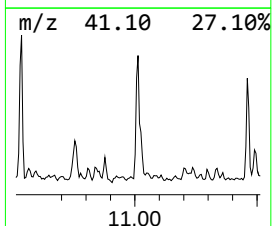
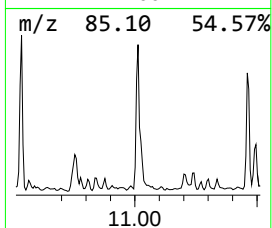
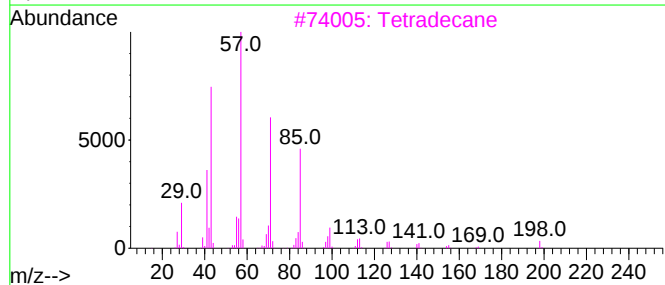
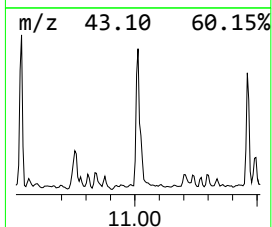
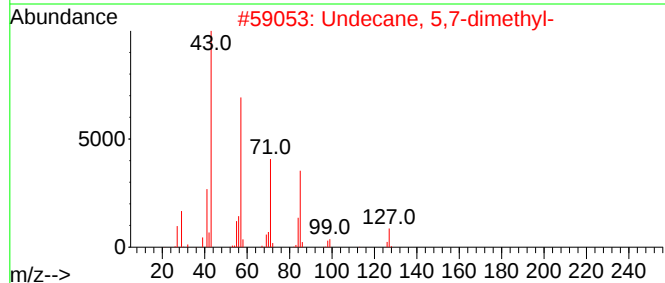
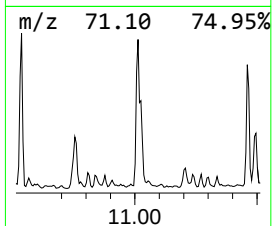
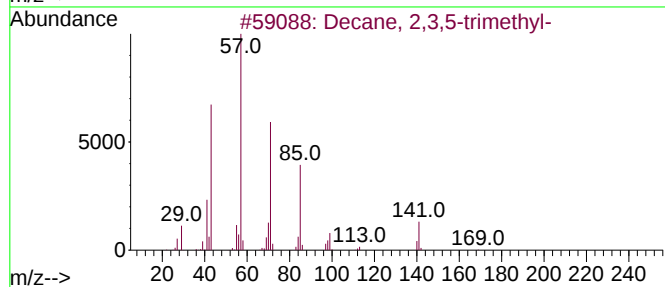
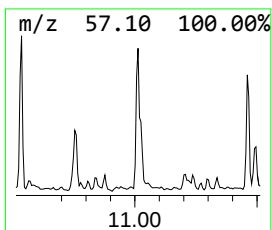
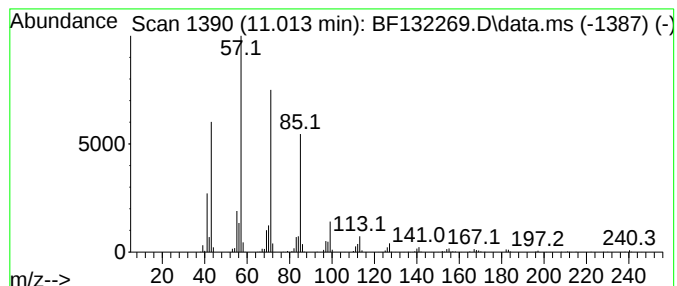
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BNA_F
ClientSampleId :
NB-07-013023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Undecane, 5,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.013	18.68 ng	1036910	Phenanthrene-d10		11.619	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86
2	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	80
3	Tetradecane		198	C14H30	000629-59-4	80
4	Hexadecane, 7-methyl-		240	C17H36	026730-20-1	76
5	Decane, 5-propyl-		184	C13H28	017312-62-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

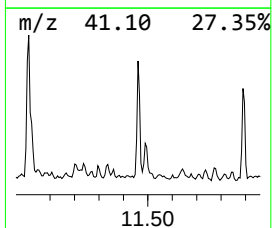
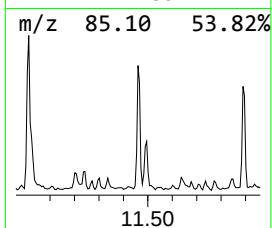
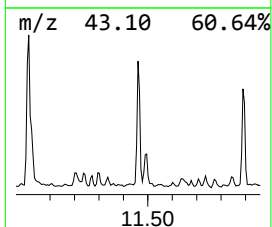
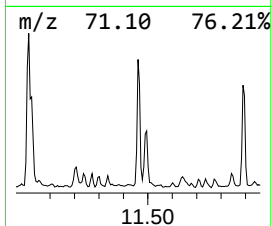
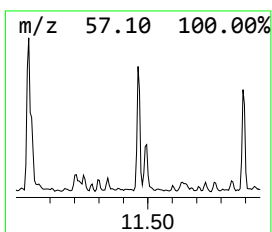
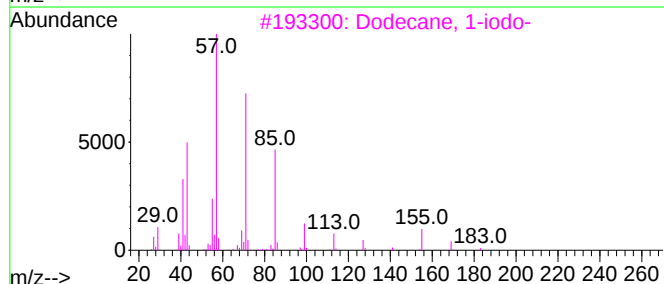
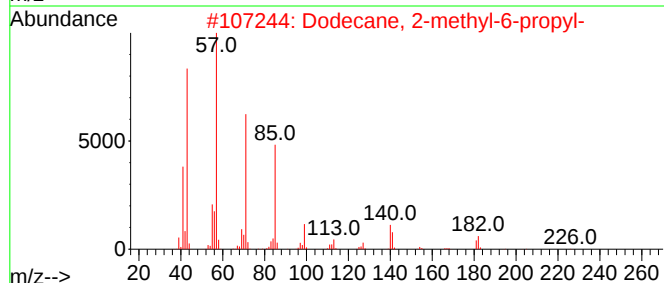
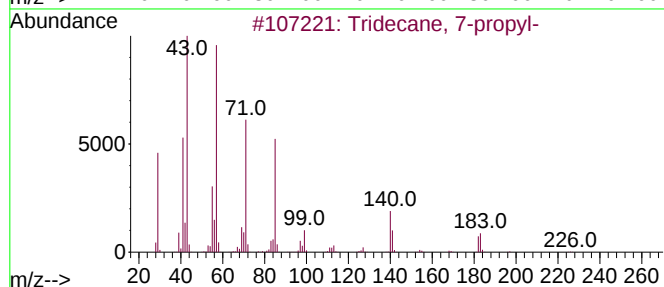
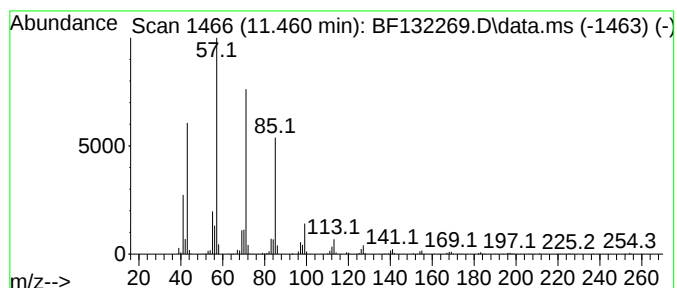
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane, 7-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.460	10.55 ng	585345	Phenanthrene-d10	11.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

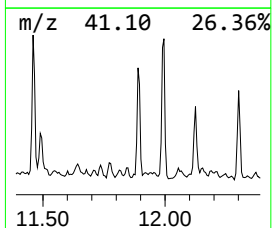
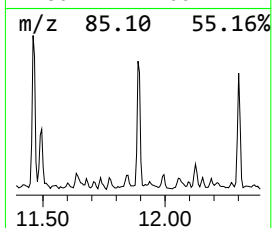
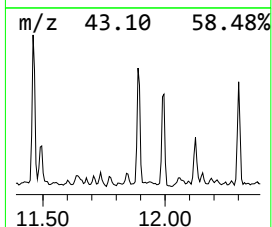
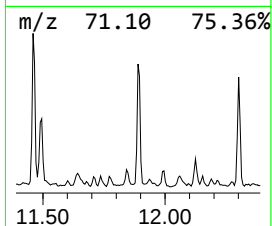
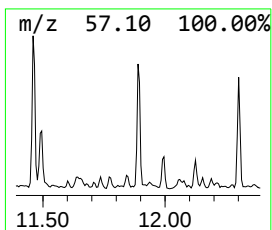
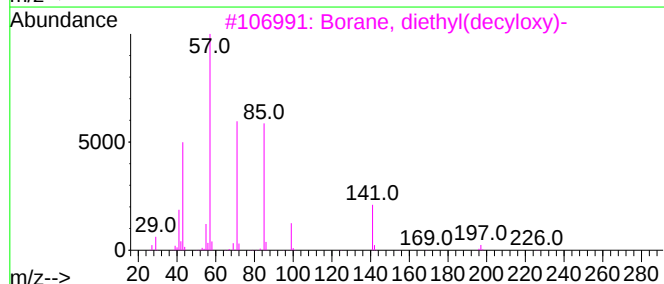
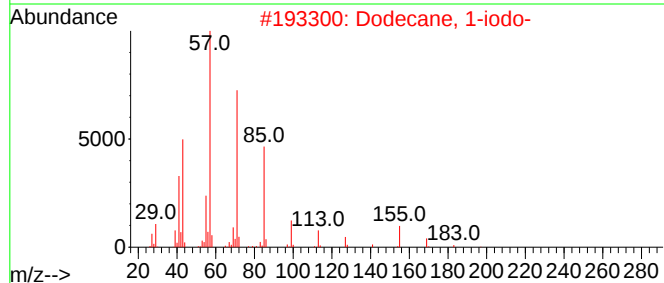
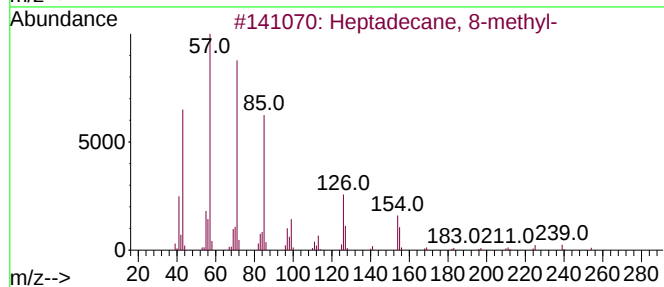
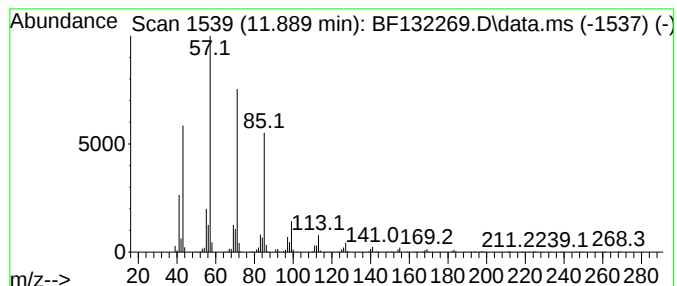
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ClientSampleId :
NB-07-013023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane, 8-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.889	9.10 ng	505171	Phenanthrene-d10		11.619	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	90
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	87
3	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	87
4	2,3-Dimethyldodecane		198	C14H30	006117-98-2	87
5	Heptacosane		380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

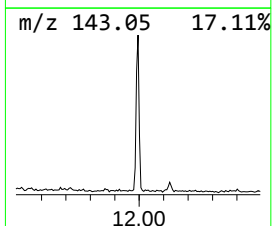
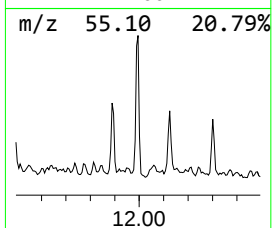
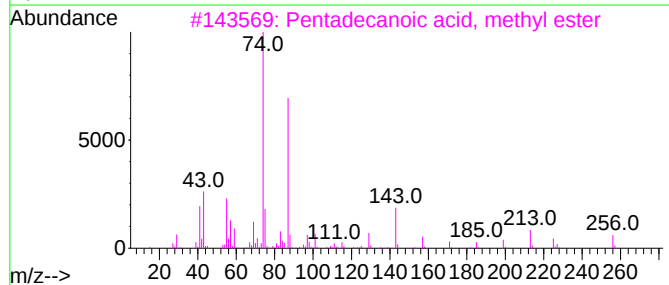
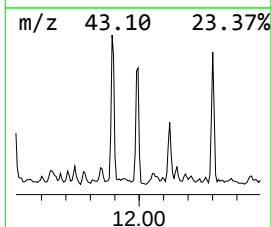
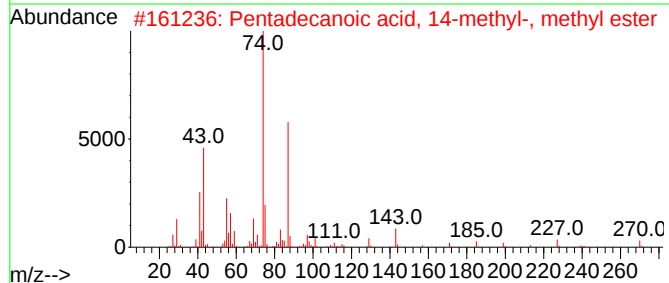
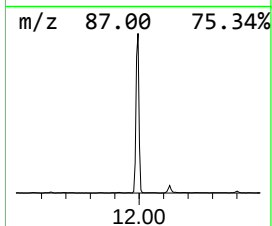
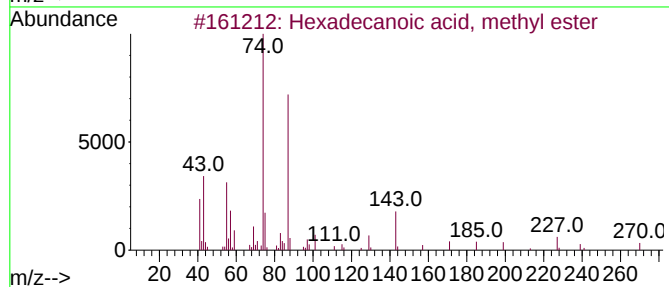
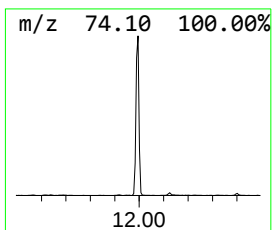
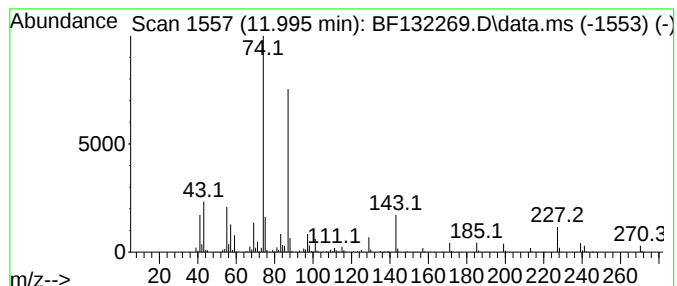
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ClientSampleId :
NB-07-013023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.995	17.12 ng	950248	Phenanthrene-d10		11.619	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester		256	C16H32O2	007132-64-1	86
4	Tridecanoic acid, methyl ester		228	C14H28O2	001731-88-0	83
5	Methyl tetradecanoate		242	C15H30O2	000124-10-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-013023

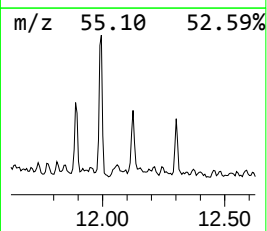
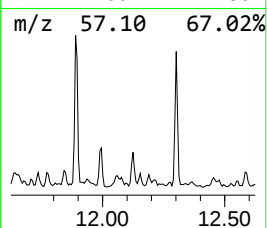
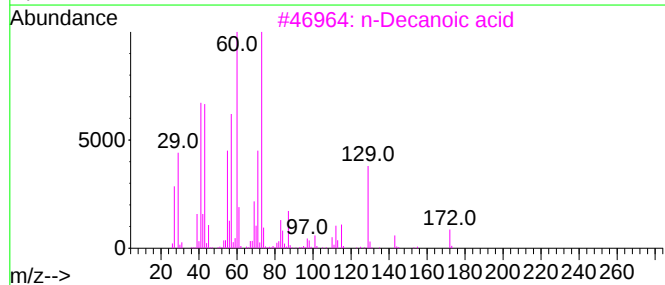
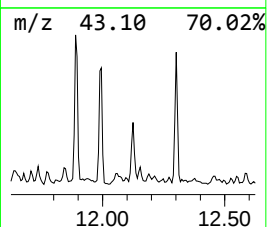
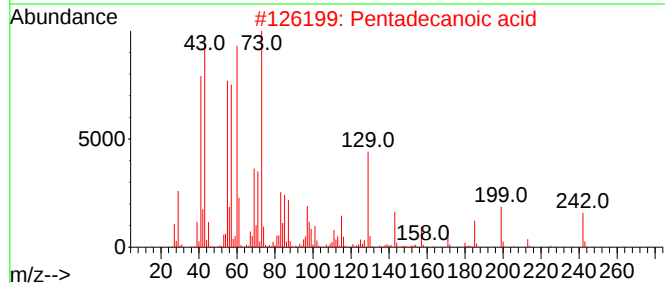
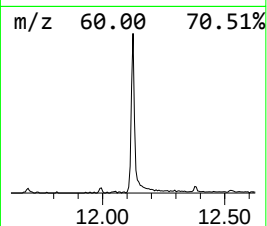
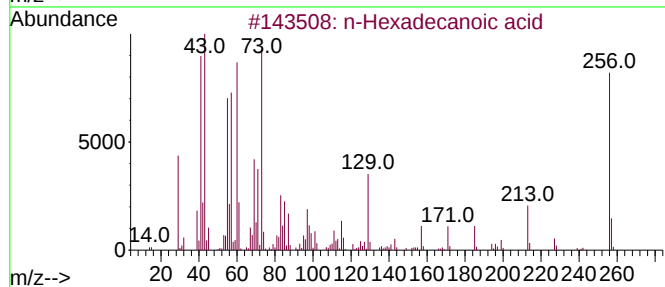
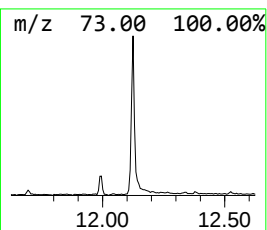
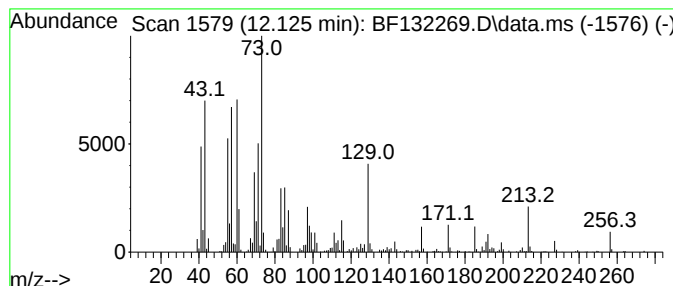
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.125	6.70 ng	372134	Phenanthrene-d10	11.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			n-Decanoic acid	172	C10H20O2	000334-48-5	70
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	35
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-013023

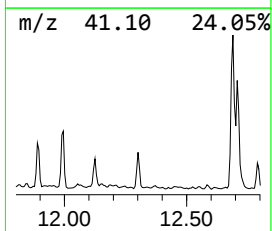
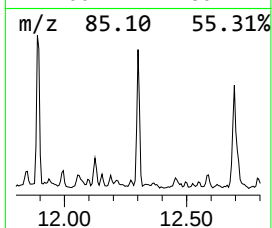
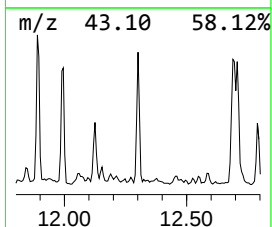
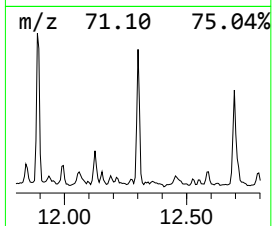
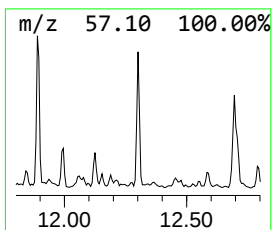
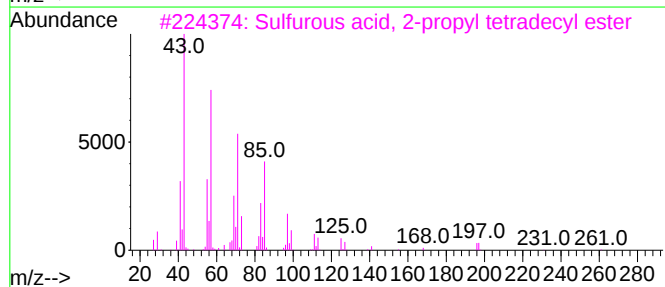
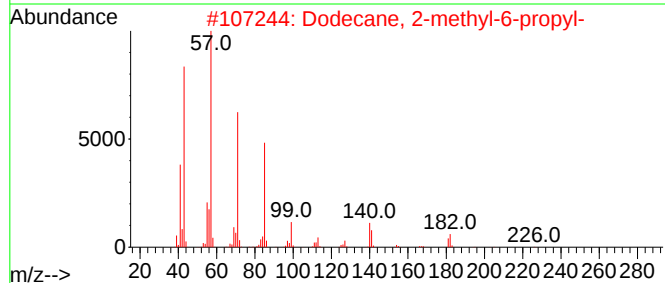
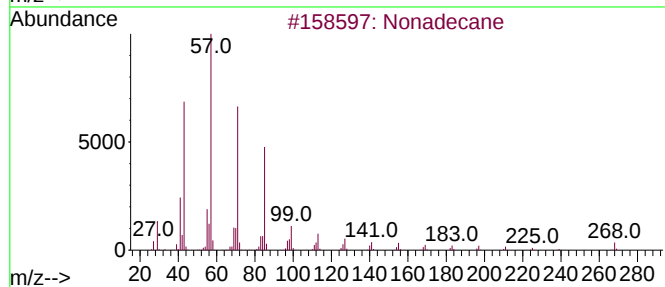
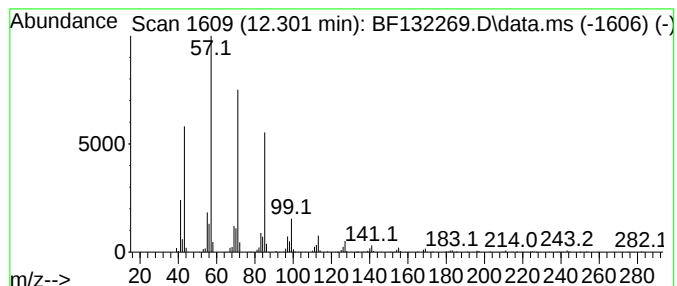
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.301	7.53 ng	417982	Phenanthrene-d10	11.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

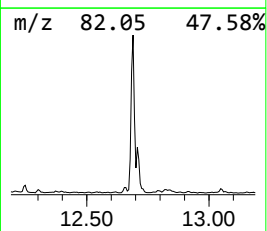
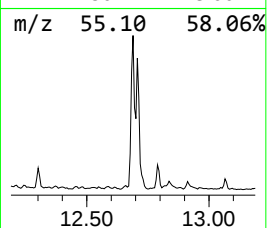
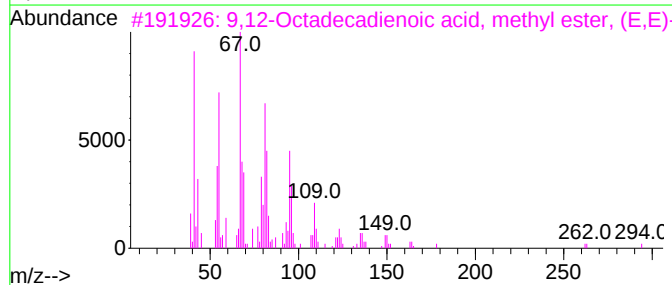
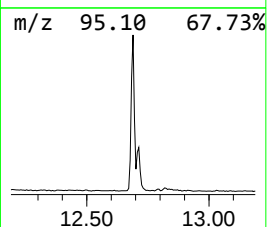
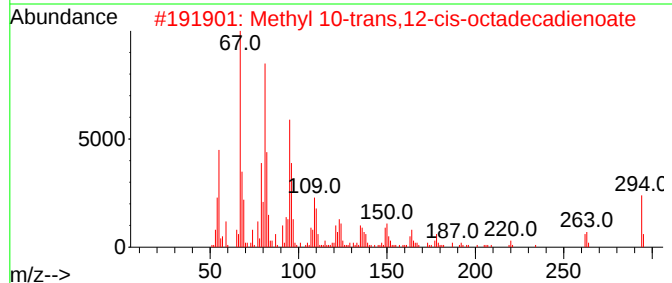
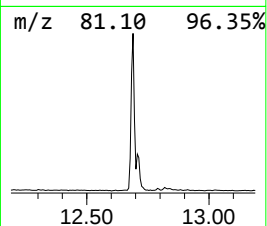
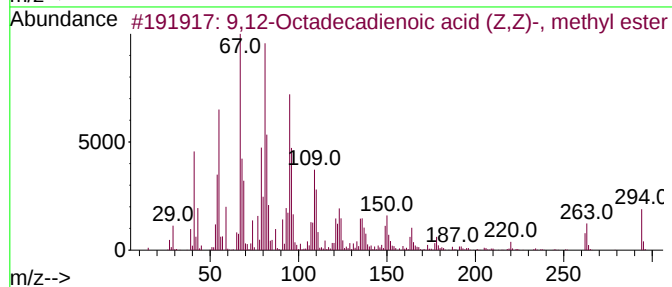
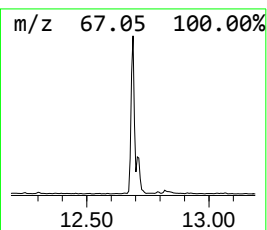
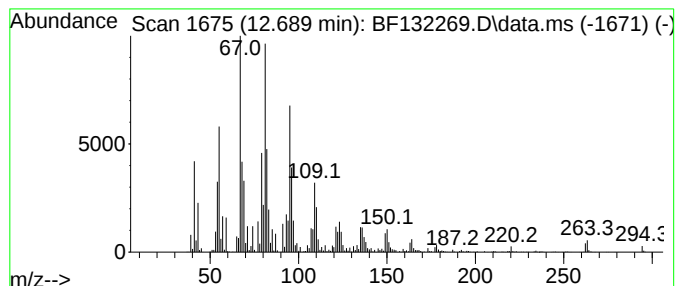
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.689	56.79 ng	3151790	Phenanthrene-d10	11.619
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 99
2		Methyl 10-trans,12-cis-octadecad...	294 C19H34O2	1000336-44-2 99
3		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
4		Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	013058-52-1 98
5		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-013023

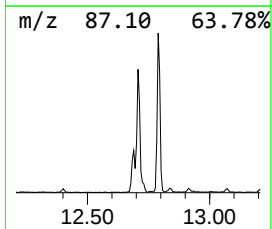
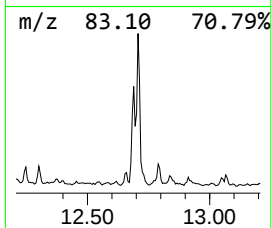
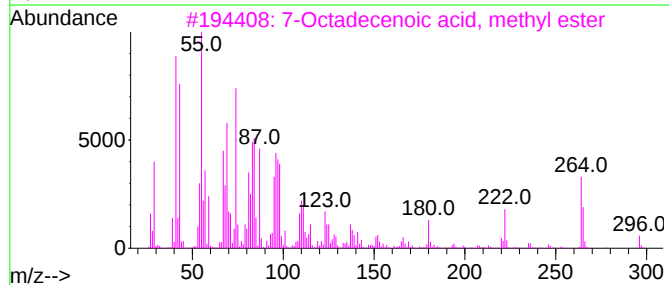
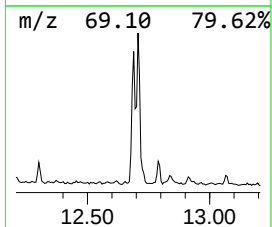
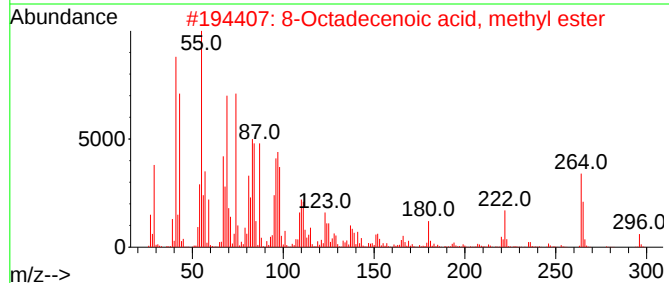
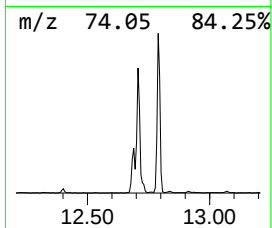
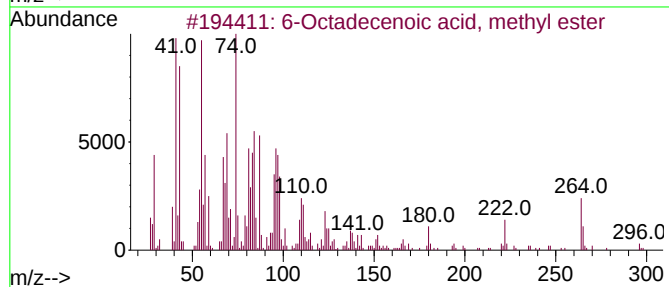
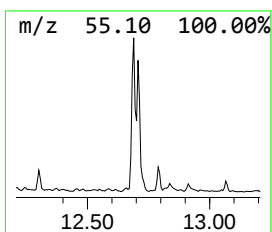
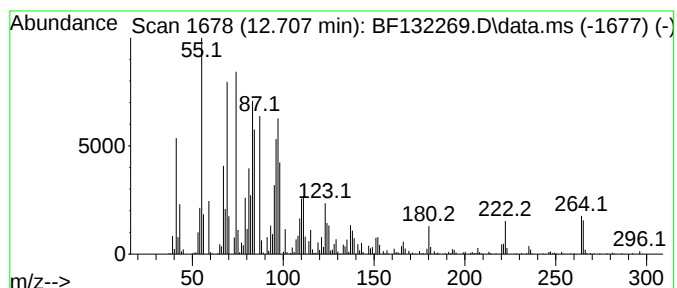
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 6-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.707	29.41 ng	1632300	Phenanthrene-d10	11.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
2		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3		7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
5		trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-013023

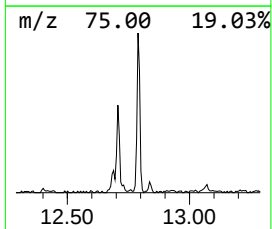
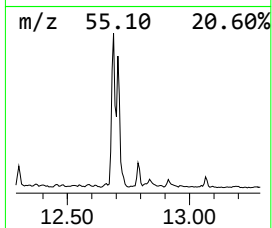
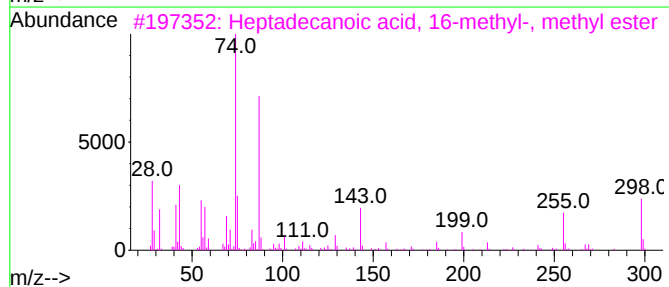
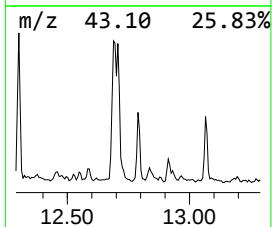
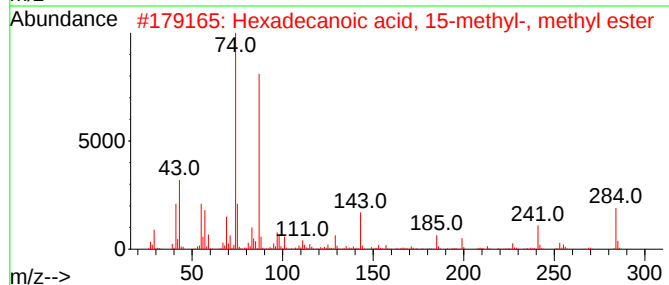
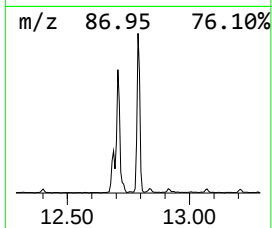
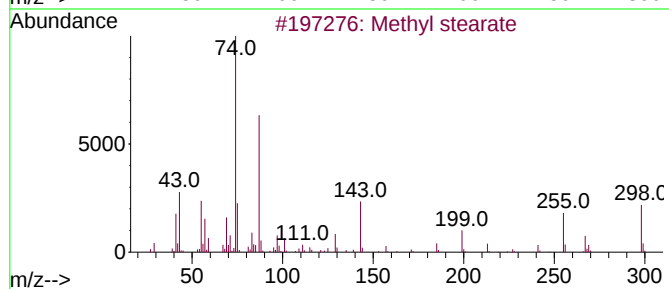
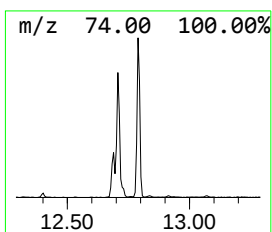
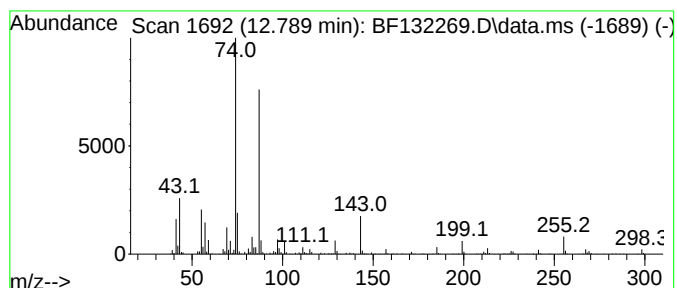
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Methyl stearate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.789	7.85 ng	435748	Phenanthrene-d10	11.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	94
3			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

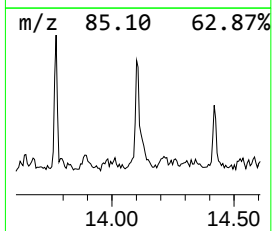
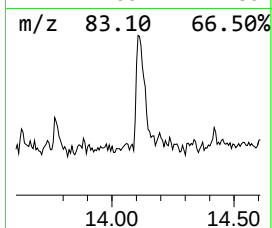
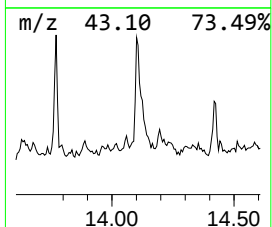
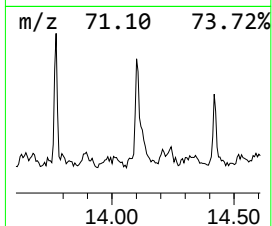
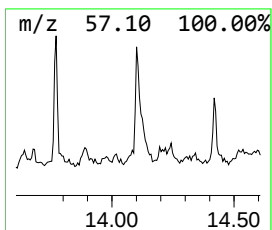
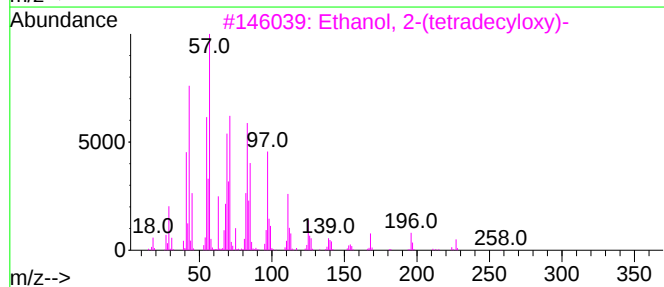
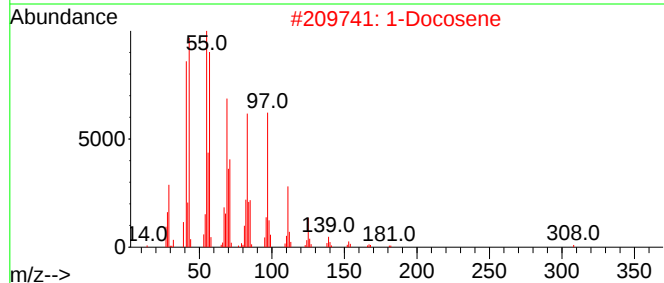
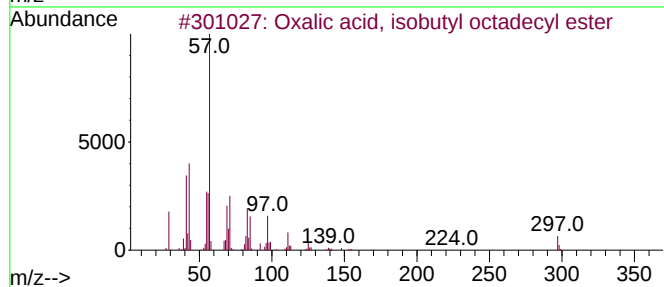
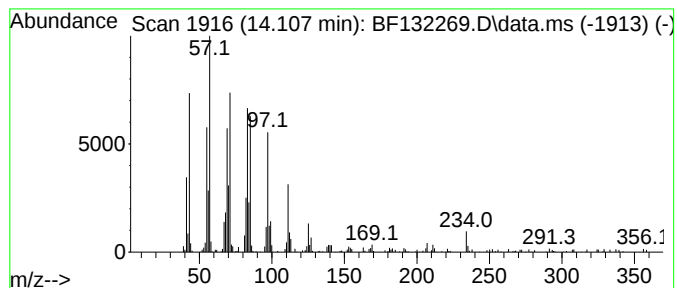
Instrument :
BNA_F
ClientSampleId :
NB-07-013023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Oxalic acid, isobutyl octadecyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.107	6.96 ng	332357	Chrysene-d12		14.277	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octadecyl ...		398	C24H46O4	1000309-38-3	91
2	1-Docosene		308	C22H44	001599-67-3	90
3	Ethanol, 2-(tetradecyloxy)-		258	C16H34O2	002136-70-1	90
4	1-Nonadecene		266	C19H38	018435-45-5	90
5	8-Heptadecene		238	C17H34	002579-04-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-013023

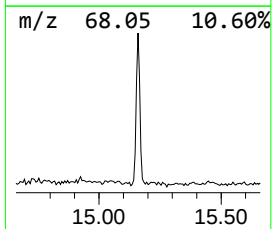
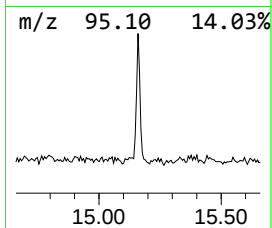
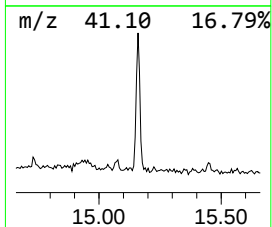
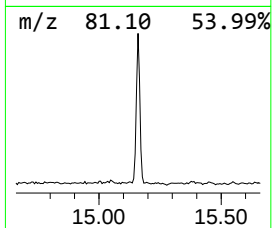
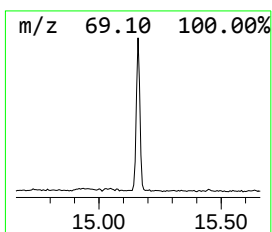
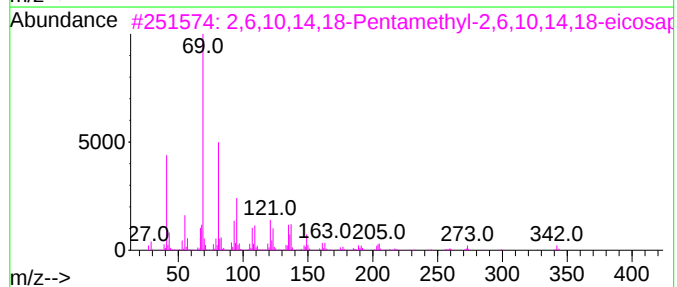
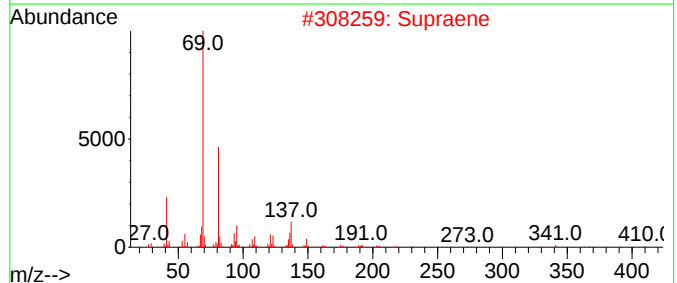
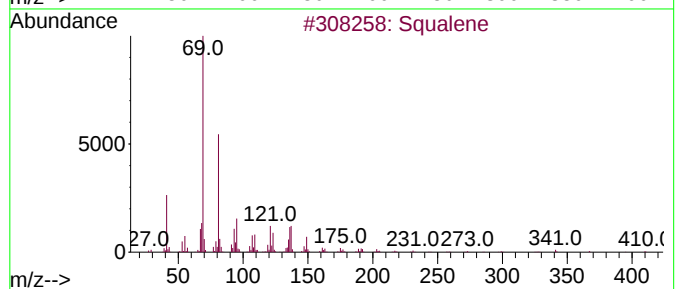
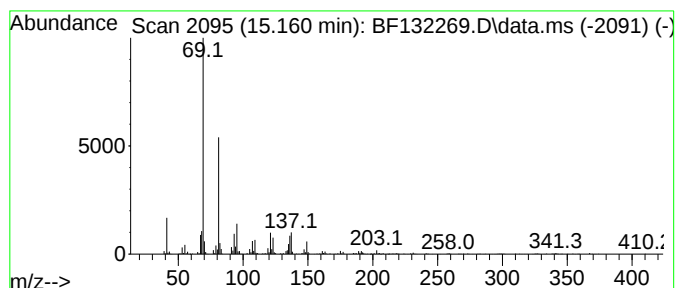
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.160	11.07 ng	488115	Perylene-d12	15.866

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	97
2			Supraene	410	C30H50	007683-64-9	91
3			2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	80
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132269.D
Acq On : 01 Feb 2023 20:03
Operator : CG\JU
Sample : 01366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-013023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.301	21.7	ng	1015140	1	7.066	934761	20.0
Naphthalene, 1,...	8.854	6.0	ng	374479	2	8.354	1245630	20.0
Decane, 2,3,5-t...	8.931	10.0	ng	621137	2	8.354	1245630	20.0
Naphthalene, 1,...	9.178	5.0	ng	308958	2	8.354	1245630	20.0
Tetradecane	9.501	12.2	ng	721292	3	10.119	1183120	20.0
Tridecane	9.825	6.2	ng	366953	3	10.119	1183120	20.0
Dodecane, 2-met...	10.031	13.0	ng	766440	3	10.119	1183120	20.0
Heptadecane	10.536	13.1	ng	774324	3	10.119	1183120	20.0
Pentadecane, 2,...	10.754	7.7	ng	453307	3	10.119	1183120	20.0
Undecane, 5,7-d...	11.013	18.7	ng	1036910	4	11.619	1110080	20.0
Tridecane, 7-pr...	11.460	10.6	ng	585345	4	11.619	1110080	20.0
Heptadecane, 8-...	11.889	9.1	ng	505171	4	11.619	1110080	20.0
Hexadecanoic ac...	11.995	17.1	ng	950248	4	11.619	1110080	20.0
n-Hexadecanoic ...	12.125	6.7	ng	372134	4	11.619	1110080	20.0
Nonadecane	12.301	7.5	ng	417982	4	11.619	1110080	20.0
9,12-Octadecadi...	12.689	56.8	ng	3151790	4	11.619	1110080	20.0
6-Octadecenoic ...	12.707	29.4	ng	1632300	4	11.619	1110080	20.0
Methyl stearate	12.789	7.8	ng	435748	4	11.619	1110080	20.0
Oxalic acid, is...	14.107	7.0	ng	332357	5	14.277	954887	20.0
Squalene	15.160	11.1	ng	488115	6	15.866	881669	20.0