

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132273.D
 Acq On : 01 Feb 2023 22:10
 Operator : CG\JU
 Sample : 01358-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-2-012723

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: BF132273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.307	415	420	428	rVB	985435	1139042	35.17%	2.498%
2	5.690	480	485	488	rBV	2993619	2860473	88.32%	6.273%
3	6.595	636	639	641	rBV	122510	122776	3.79%	0.269%
4	6.678	646	653	657	rVV	2520884	2837913	87.62%	6.223%
5	6.895	686	690	694	rBV	326931	302451	9.34%	0.663%
6	7.066	716	719	722	rVB	1044795	882429	27.25%	1.935%
7	7.207	740	743	747	rBV3	92180	113038	3.49%	0.248%
8	7.337	762	765	767	rVV2	230842	209979	6.48%	0.460%
9	7.384	770	773	779	rVB2	223718	286649	8.85%	0.629%
10	7.442	779	783	784	rBV2	131303	110031	3.40%	0.241%
11	7.466	784	787	789	rVV2	102893	122778	3.79%	0.269%
12	7.601	805	810	811	rBV	269585	265290	8.19%	0.582%
13	7.631	811	815	817	rVV	2145097	1909737	58.96%	4.188%
14	7.654	817	819	823	rVB	534464	412727	12.74%	0.905%
15	7.713	823	829	832	rBV4	167100	222502	6.87%	0.488%
16	7.754	832	836	842	rBV4	109861	220748	6.82%	0.484%
17	7.837	847	850	852	rVB	148580	115389	3.56%	0.253%
18	7.860	852	854	855	rBV	163174	116970	3.61%	0.256%
19	7.878	855	857	862	rVB2	204988	186796	5.77%	0.410%
20	7.948	864	869	870	rBV2	99351	117207	3.62%	0.257%
21	7.966	870	872	874	rVB	176568	119387	3.69%	0.262%
22	7.995	874	877	879	rBV2	216528	181448	5.60%	0.398%
23	8.025	879	882	885	rVV2	188172	205174	6.33%	0.450%
24	8.060	885	888	890	rVV2	145302	160305	4.95%	0.352%
25	8.089	890	893	895	rVV	425268	361589	11.16%	0.793%
26	8.113	895	897	899	rVV	153821	116721	3.60%	0.256%
27	8.166	902	906	908	rVB3	127137	147951	4.57%	0.324%
28	8.195	908	911	913	rBV	184083	148924	4.60%	0.327%
29	8.219	913	915	918	rVB	117982	109439	3.38%	0.240%
30	8.254	918	921	924	rBV3	90554	129567	4.00%	0.284%
31	8.325	929	933	935	rVV	737994	799481	24.68%	1.753%
32	8.354	935	938	940	rVV	1387467	1178309	36.38%	2.584%
33	8.372	940	941	943	rVV2	203097	142009	4.38%	0.311%
34	8.401	943	946	949	rVB2	455027	410286	12.67%	0.900%
35	8.437	949	952	958	rBV5	154240	200296	6.18%	0.439%
36	8.513	958	965	966	rBV5	79385	154717	4.78%	0.339%

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

37	8.548	969	971	975	rVB2	208467	179169	5.53%	0.393%
38	8.601	977	980	983	rBV2	123970	110367	3.41%	0.242%
39	8.636	983	986	991	rVB3	361178	441884	13.64%	0.969%
40	8.684	991	994	995	rBV3	117584	116142	3.59%	0.255%

41	8.695	995	996	998	rVV2	163006	120830	3.73%	0.265%
42	8.736	1001	1003	1005	rVV	213903	171888	5.31%	0.377%
43	8.760	1005	1007	1010	rVB3	365838	276085	8.52%	0.605%
44	8.789	1010	1012	1015	rBV2	120510	106038	3.27%	0.233%
45	8.860	1020	1024	1028	rBV2	484058	473855	14.63%	1.039%

46	8.931	1033	1036	1041	rVV2	860602	824906	25.47%	1.809%
47	8.978	1041	1044	1048	rVV4	121250	205528	6.35%	0.451%
48	9.019	1048	1051	1055	rVV3	213041	302396	9.34%	0.663%
49	9.066	1057	1059	1062	rVB2	135318	122361	3.78%	0.268%
50	9.178	1075	1078	1080	rVV3	414864	370639	11.44%	0.813%

51	9.213	1082	1084	1086	rVV2	212161	159281	4.92%	0.349%
52	9.260	1089	1092	1095	rVB4	181826	212082	6.55%	0.465%
53	9.295	1095	1098	1101	rBV3	317799	323937	10.00%	0.710%
54	9.366	1107	1110	1112	rVV3	363197	254512	7.86%	0.558%
55	9.431	1117	1121	1124	rBV	3966913	3238812	100.00%	7.102%

56	9.501	1130	1133	1136	rBV	1090728	844757	26.08%	1.852%
57	9.583	1144	1147	1149	rVB2	247685	209066	6.46%	0.458%
58	9.689	1163	1165	1171	rVB3	158172	201270	6.21%	0.441%
59	9.754	1171	1176	1178	rBV4	181160	297778	9.19%	0.653%
60	9.825	1185	1188	1192	rBV2	304973	373967	11.55%	0.820%

61	9.883	1196	1198	1202	rBV2	192090	219130	6.77%	0.481%
62	10.031	1221	1223	1228	rVB	982979	823570	25.43%	1.806%
63	10.119	1235	1238	1241	rVB	1279979	1014134	31.31%	2.224%
64	10.266	1260	1263	1266	rVV3	109008	162492	5.02%	0.356%
65	10.295	1266	1268	1270	rVV2	161269	128621	3.97%	0.282%

66	10.319	1270	1272	1275	rVB4	133176	131601	4.06%	0.289%
67	10.354	1275	1278	1283	rBV4	250168	316326	9.77%	0.694%
68	10.395	1283	1285	1289	rVB	137823	120224	3.71%	0.264%
69	10.436	1289	1292	1295	rBV4	138204	198152	6.12%	0.435%
70	10.536	1306	1309	1312	rBV	1016110	768590	23.73%	1.685%

71	10.601	1317	1320	1325	rVB4	89078	142042	4.39%	0.311%
72	10.754	1341	1346	1349	rBV	387595	464395	14.34%	1.018%
73	10.836	1357	1360	1365	rVB3	136081	163604	5.05%	0.359%
74	10.913	1369	1373	1376	rBV	1910795	1654970	51.10%	3.629%
75	11.013	1387	1390	1395	rBV	876116	1031654	31.85%	2.262%

76	11.201	1420	1422	1426	rBV2	107779	127545	3.94%	0.280%
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77	11.242	1426	1429	1432	rVV2	100480	132673	4.10%	0.291%
78	11.460	1463	1466	1469	rBV	638725	537299	16.59%	1.178%
79	11.495	1469	1472	1474	rVB	262193	239587	7.40%	0.525%
80	11.619	1489	1493	1495	rBV	1075178	915002	28.25%	2.006%
81	11.642	1495	1497	1502	rVB	127412	127285	3.93%	0.279%
82	11.889	1537	1539	1543	rVB	534588	468690	14.47%	1.028%
83	12.124	1576	1579	1582	rBV2	473220	404163	12.48%	0.886%
84	12.301	1606	1609	1612	rBV	475504	374053	11.55%	0.820%
85	12.695	1673	1676	1681	rVB	355766	336111	10.38%	0.737%
86	12.842	1695	1701	1706	rBV	424712	505544	15.61%	1.109%
87	12.913	1710	1713	1721	rBV2	183613	245259	7.57%	0.538%
88	13.071	1736	1740	1746	rVB2	461552	481296	14.86%	1.055%
89	13.207	1760	1763	1767	rVB	2553989	2341427	72.29%	5.134%
90	13.424	1797	1800	1803	rVB	197851	168002	5.19%	0.368%
91	13.771	1856	1859	1862	rBV	159793	122848	3.79%	0.269%
92	14.101	1912	1915	1928	rVB2	242319	419441	12.95%	0.920%
93	14.242	1935	1939	1941	rBV	823402	696805	21.51%	1.528%
94	14.277	1941	1945	1948	rBV2	874288	827868	25.56%	1.815%
95	14.736	2020	2023	2027	rBV2	128604	119696	3.70%	0.262%
96	15.165	2092	2096	2099	rBV	198314	228892	7.07%	0.502%
97	15.213	2101	2104	2113	rVB	231011	324570	10.02%	0.712%
98	15.454	2142	2145	2148	rVB	116252	129353	3.99%	0.284%
99	15.589	2166	2168	2172	rVB	129717	134063	4.14%	0.294%
100	15.865	2211	2215	2226	rVB2	499413	798085	24.64%	1.750%

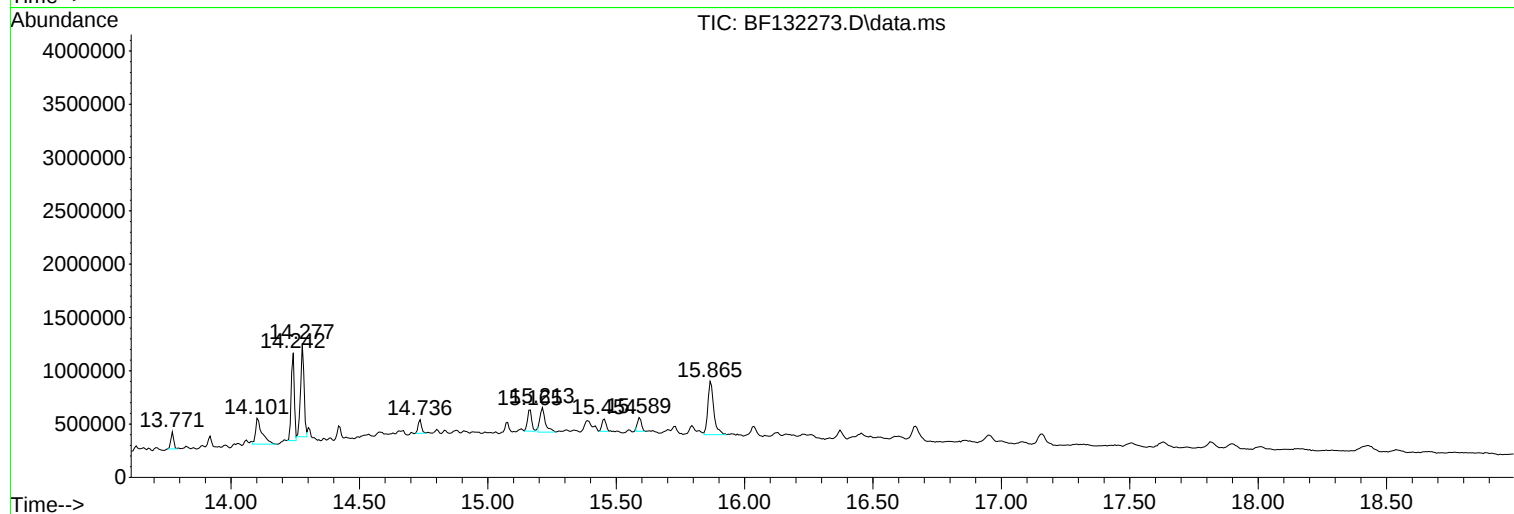
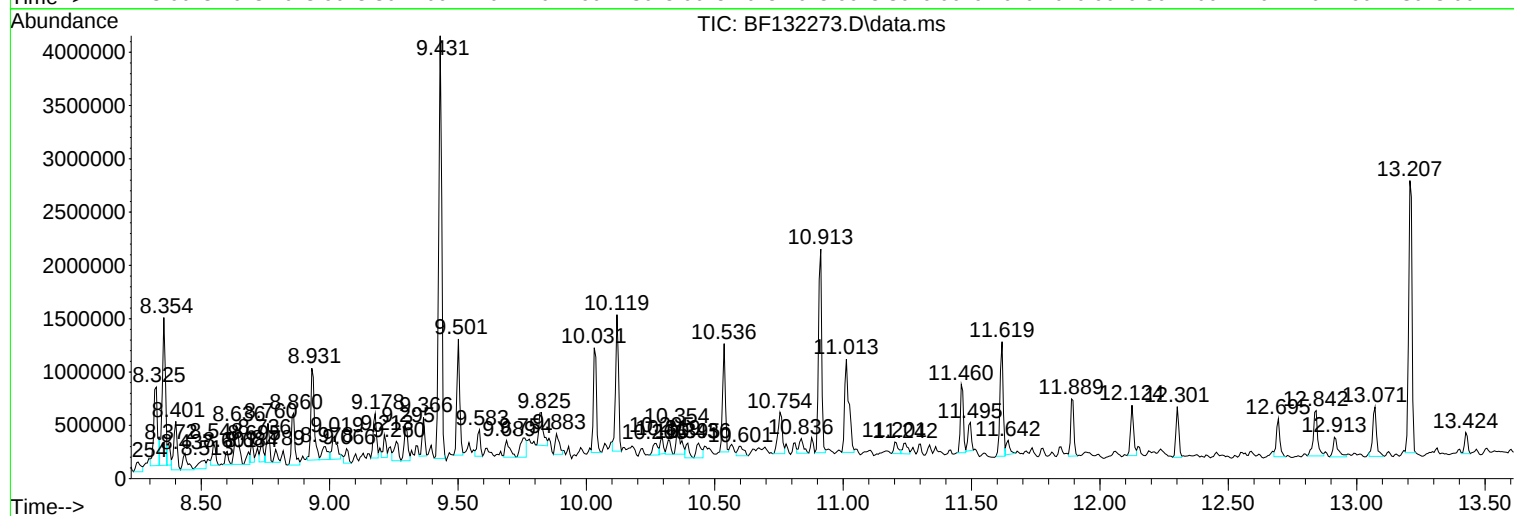
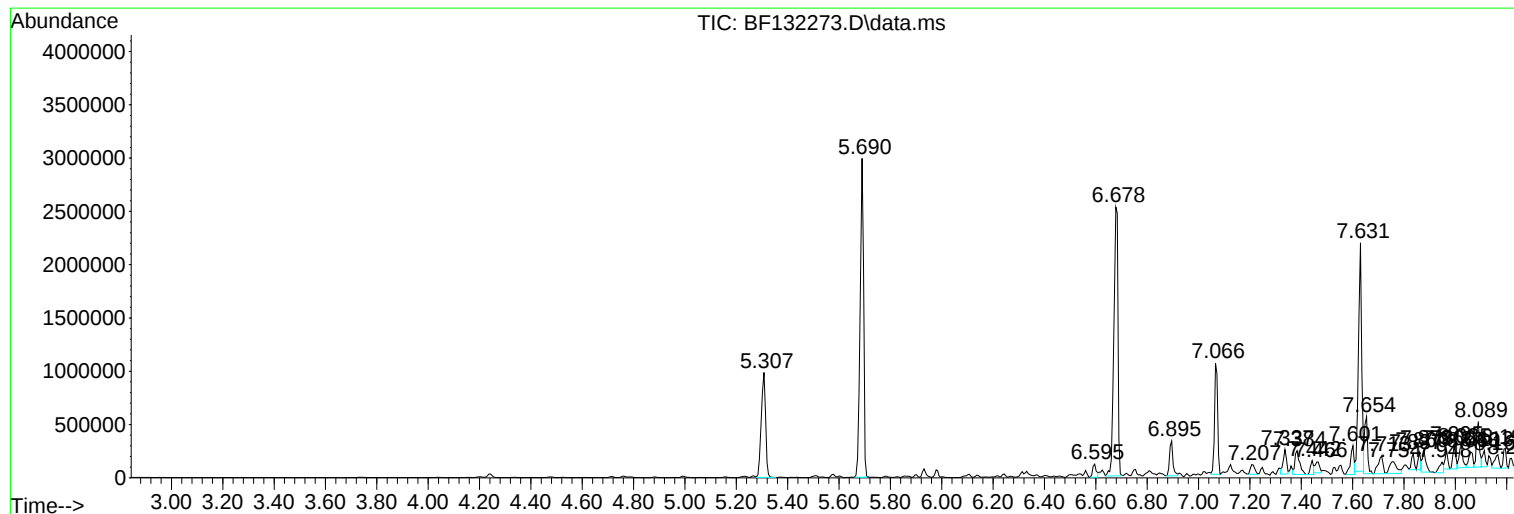
Sum of corrected areas: 45603140

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ALS Vial : 13 Sample Multiplier: 1

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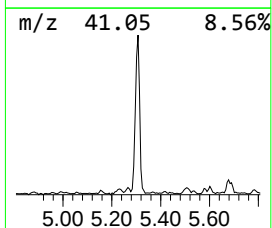
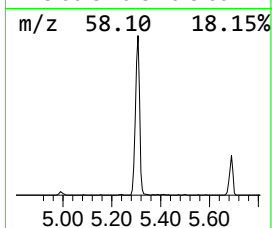
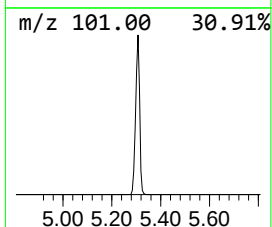
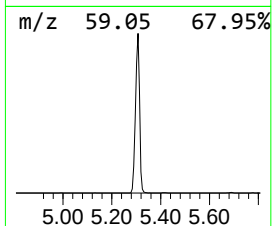
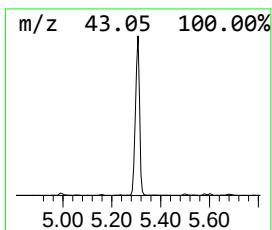
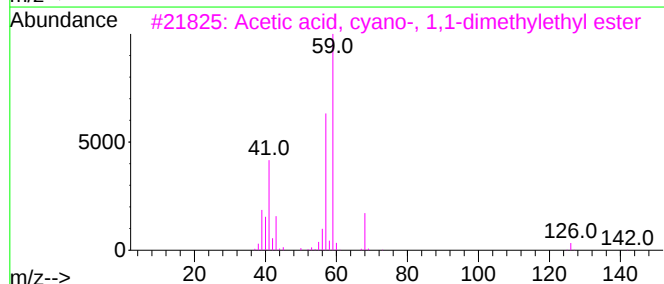
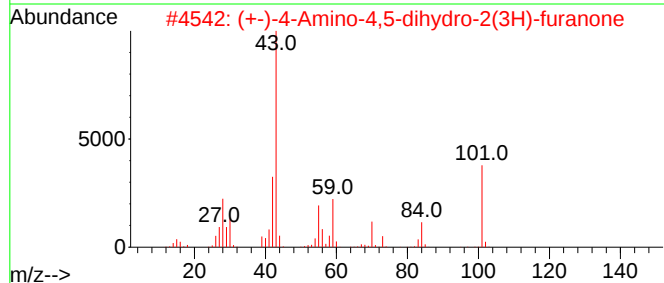
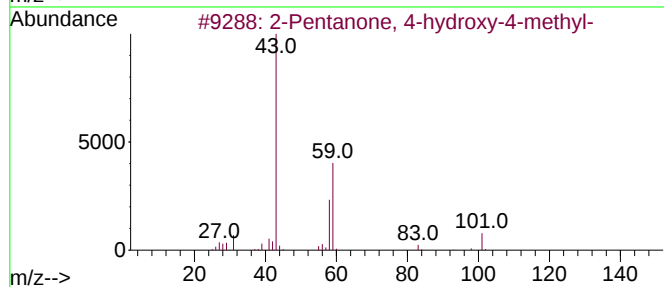
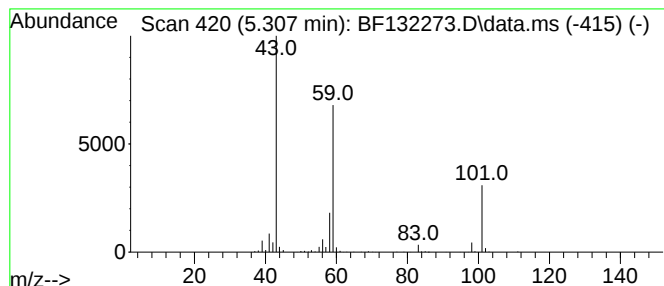
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.307	25.82 ng	1139040	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	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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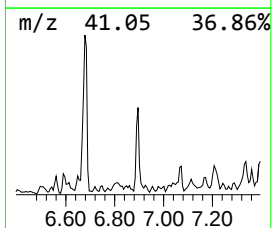
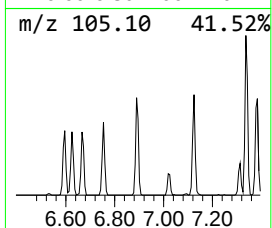
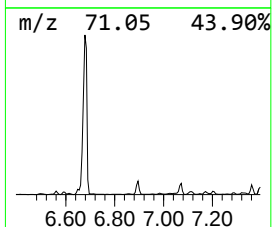
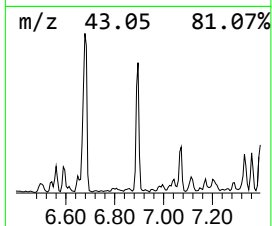
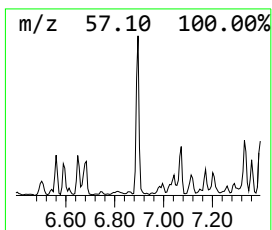
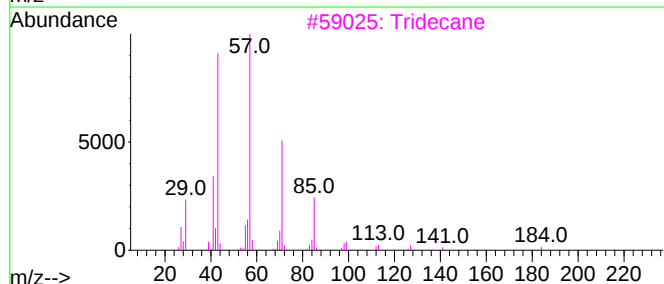
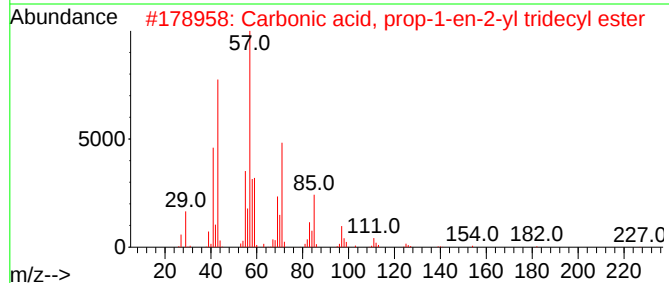
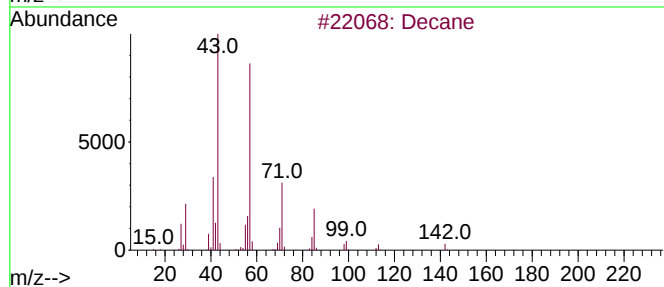
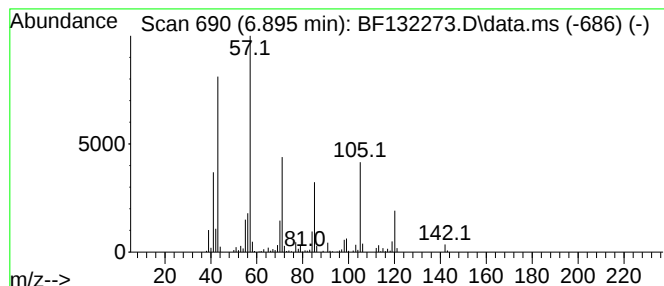
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.895	6.85 ng	302451	1,4-Dichlorobenzene-d4	7.066

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	86
2		Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	52
3		Tridecane	184	C13H28	000629-50-5	50
4		Hexadecane	226	C16H34	000544-76-3	50
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	50



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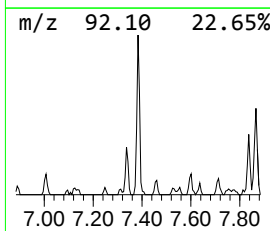
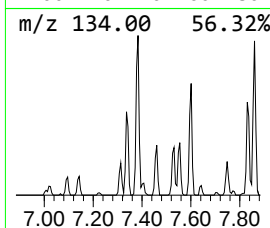
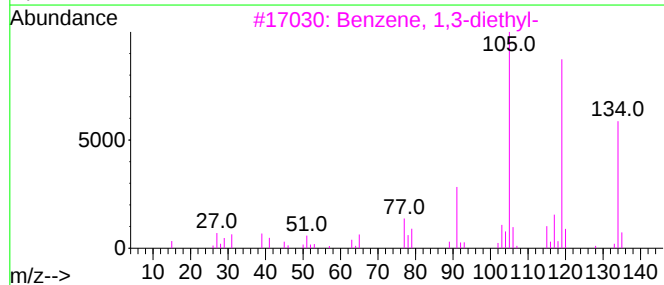
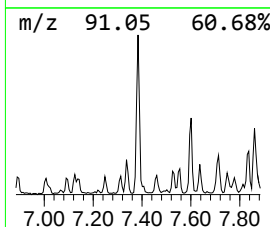
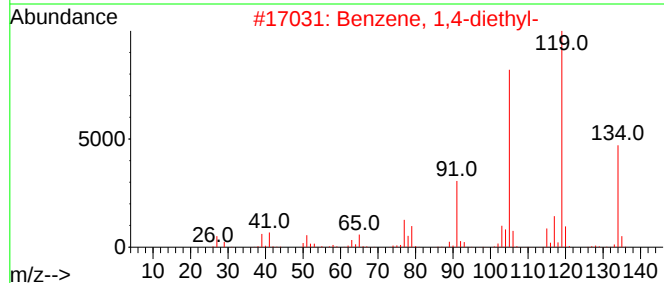
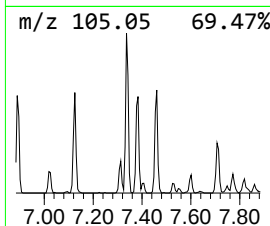
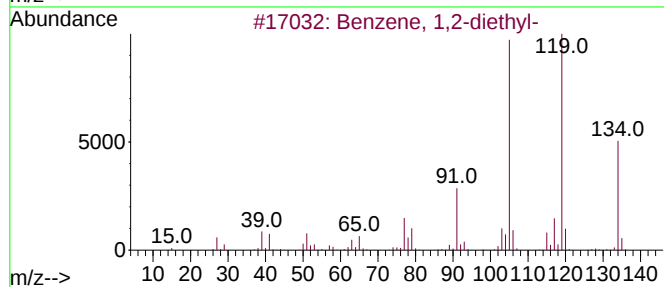
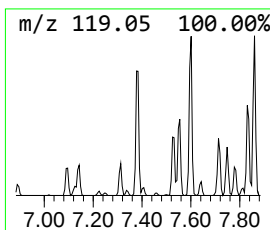
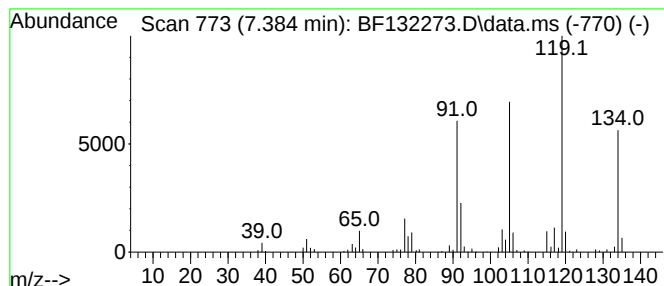
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.384	6.50 ng	286649	1,4-Dichlorobenzene-d4	7.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

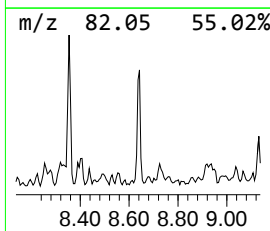
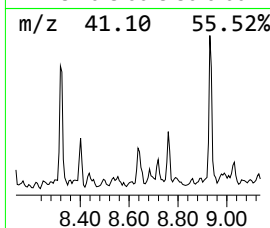
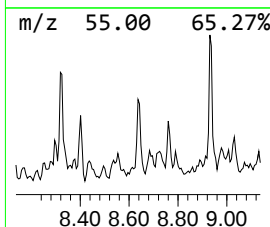
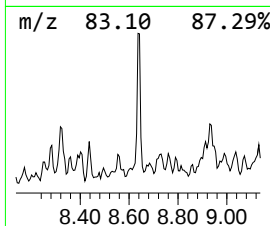
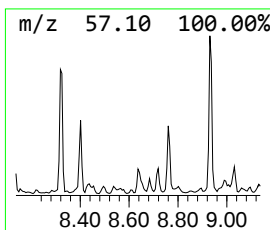
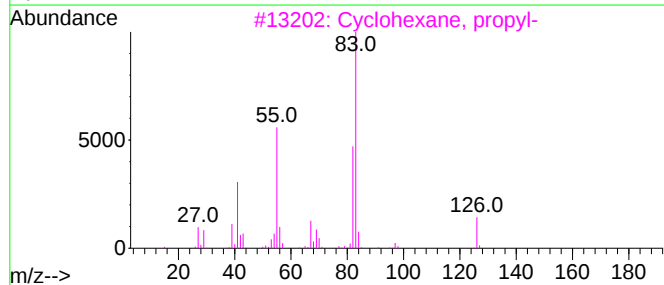
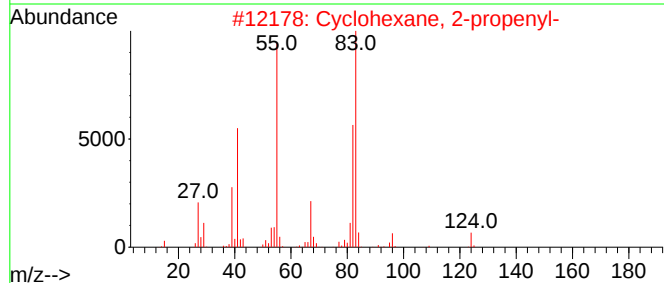
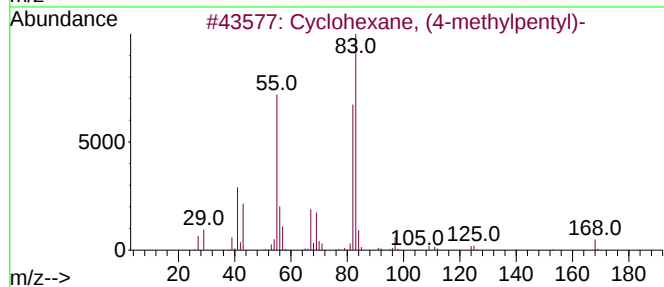
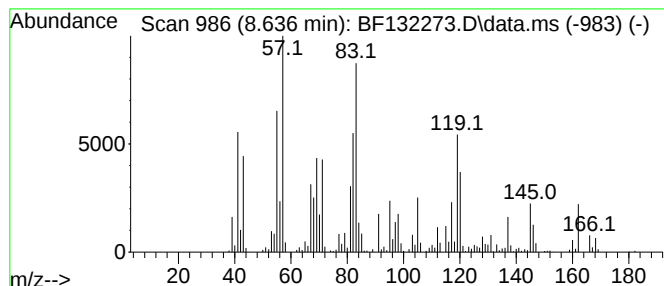
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.636 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.636	7.50 ng	441884	Naphthalene-d8	8.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	22
4			Cyclohexane, methyl-	98	C7H14	000108-87-2	18
5			1,5-Dimethyl-2-pyrrolicarbonitrile	120	C7H8N2	056341-36-7	15



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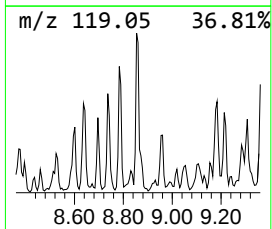
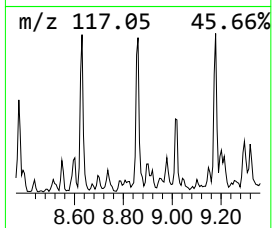
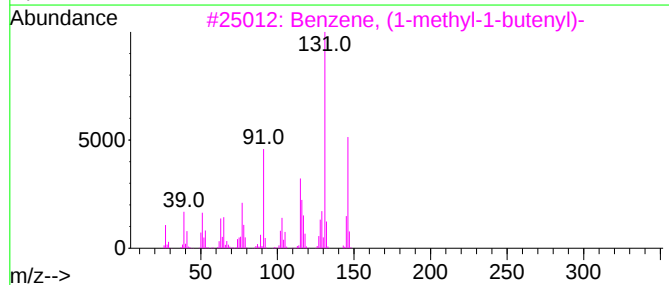
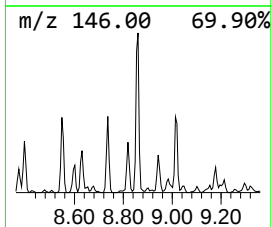
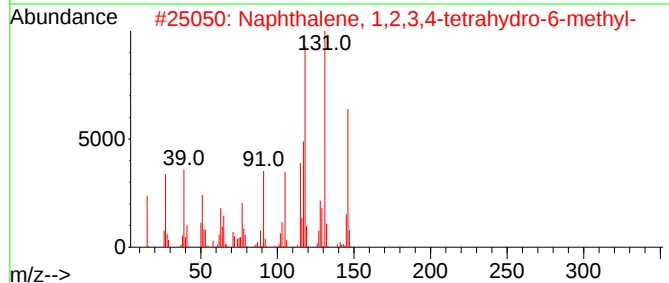
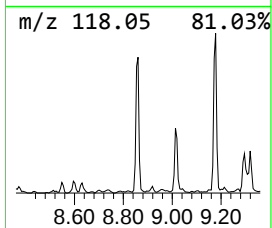
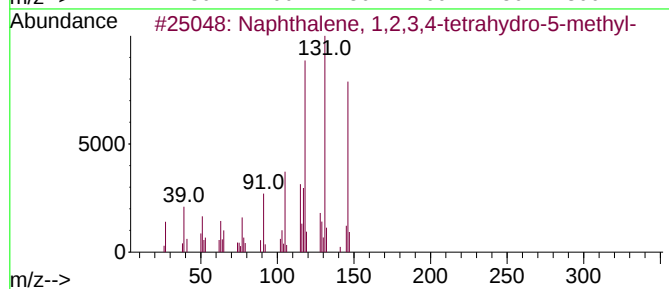
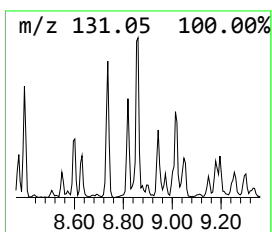
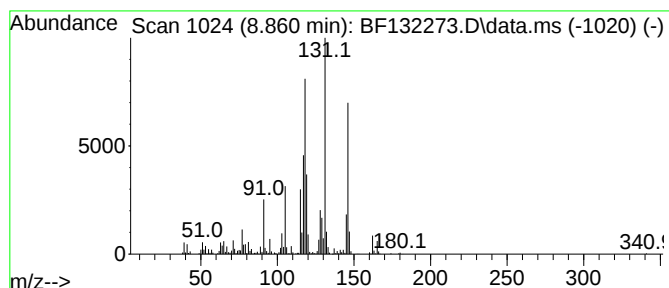
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.860	8.04 ng	473855	Naphthalene-d8	8.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	62
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
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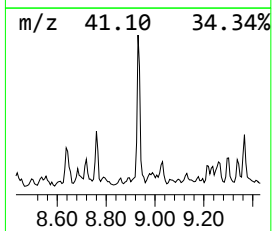
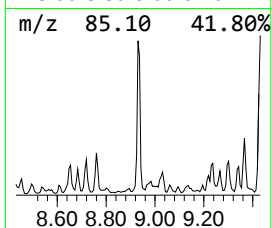
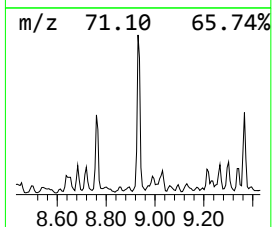
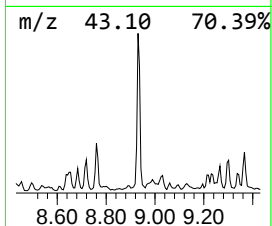
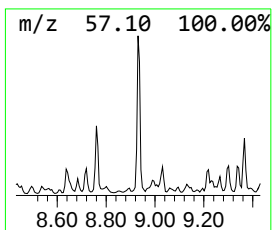
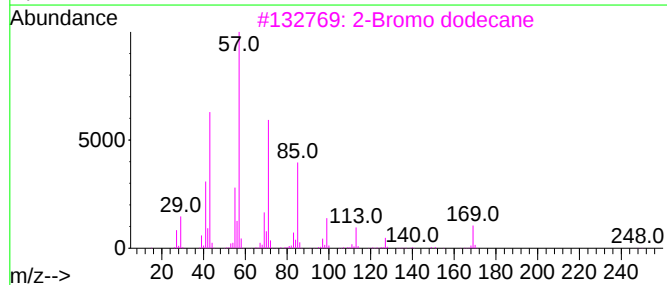
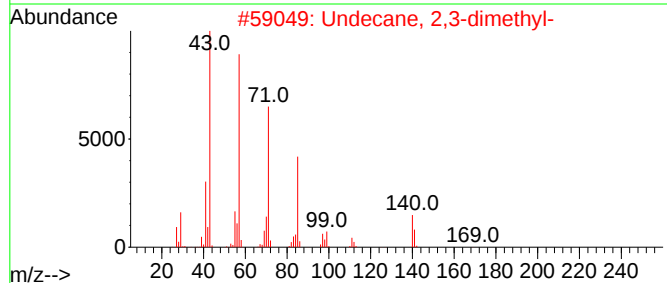
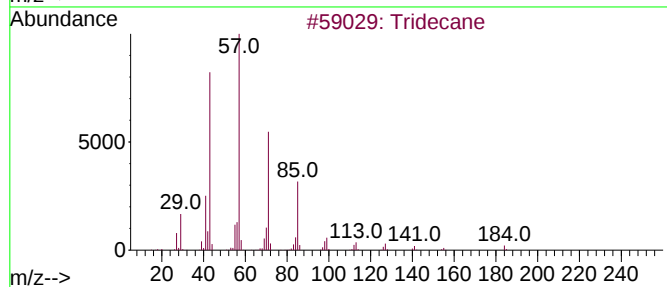
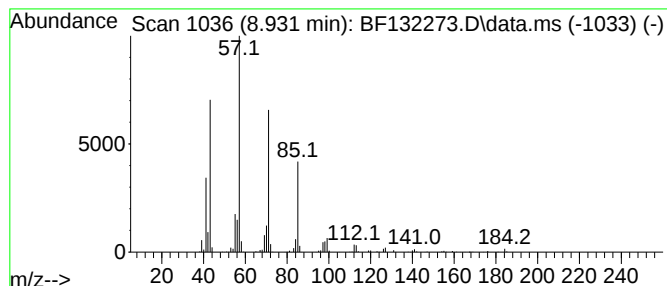
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.931	14.00 ng	824906	Naphthalene-d8	8.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64



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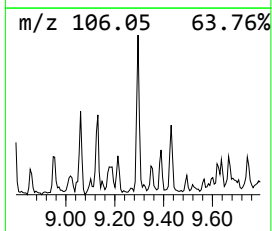
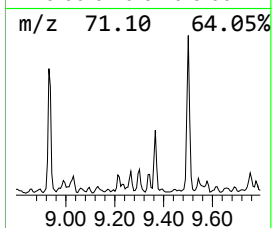
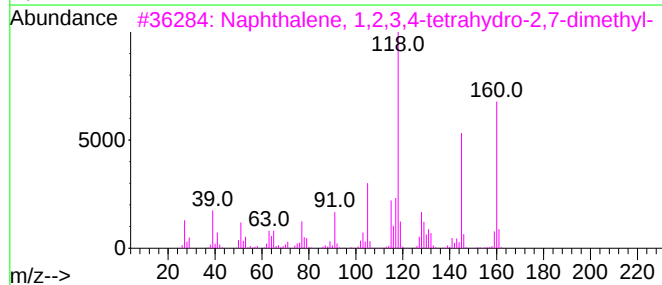
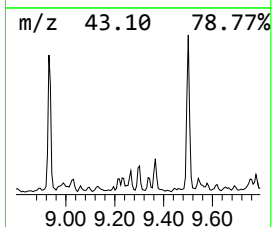
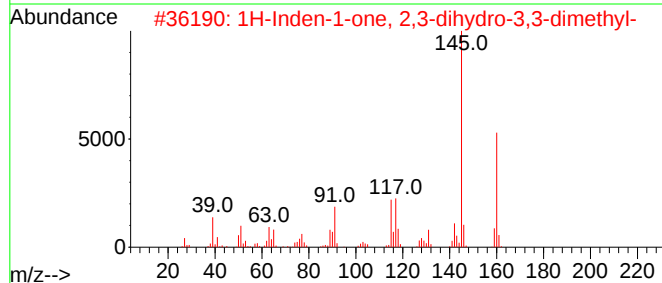
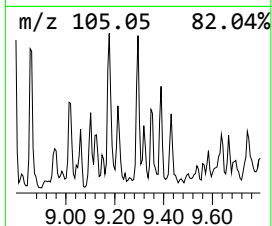
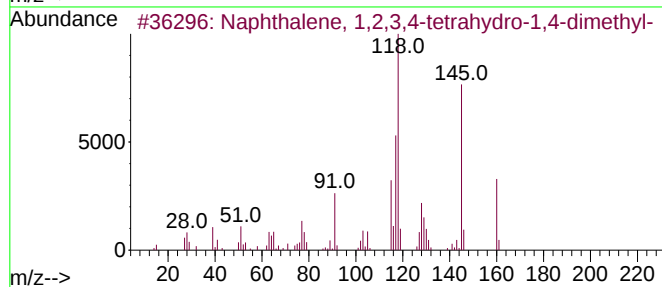
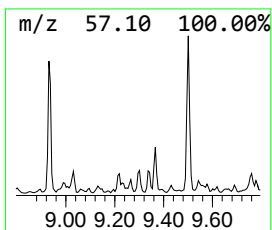
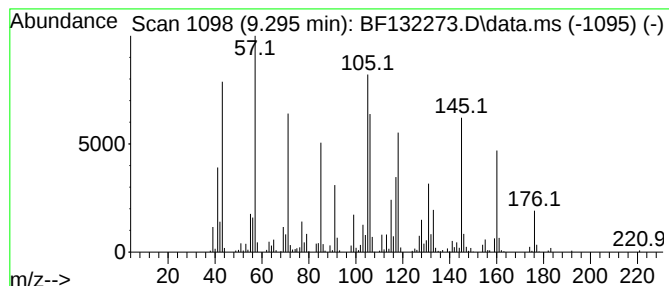
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.295	6.39 ng	323937	Acenaphthene-d10	10.119	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	83
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	30
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	25
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	18
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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ALS Vial : 13 Sample Multiplier: 1

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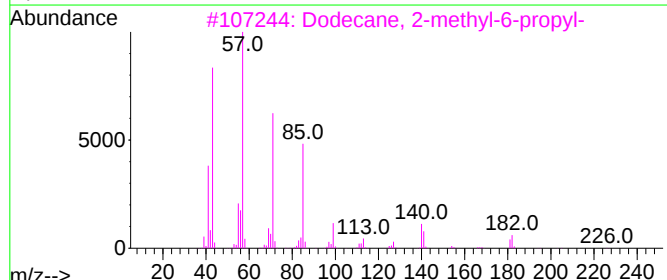
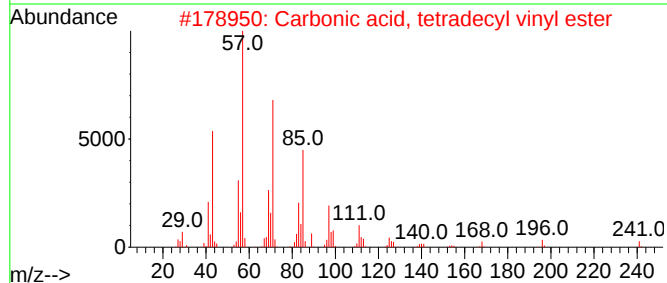
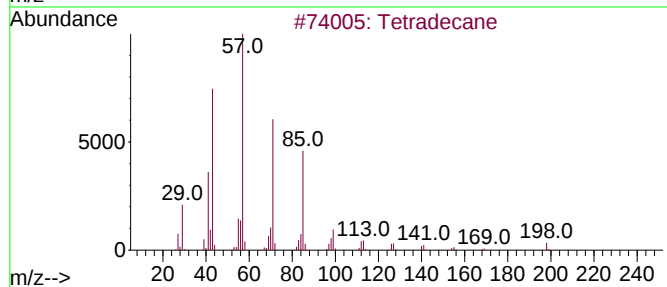
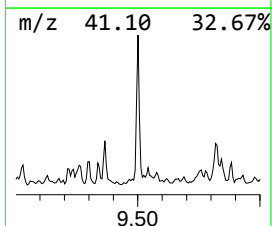
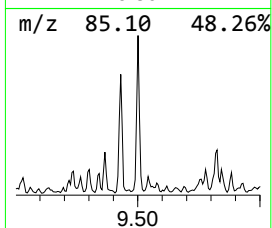
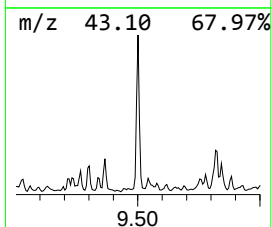
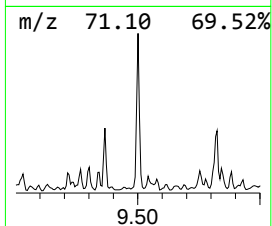
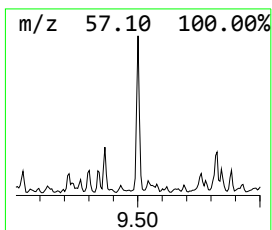
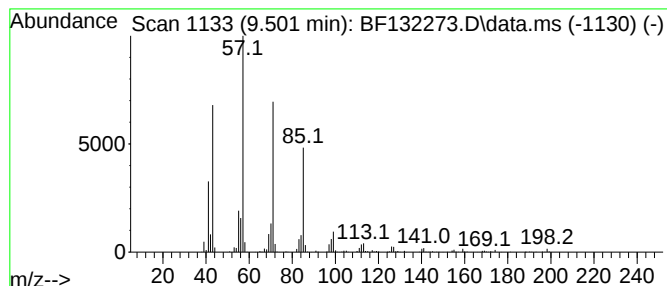
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.501	16.66 ng	844757	Acenaphthene-d10	10.119

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	72



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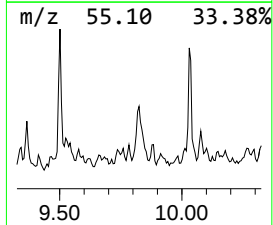
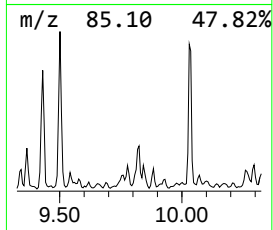
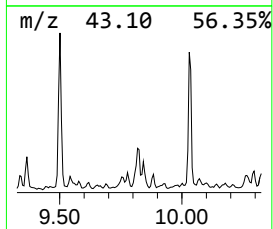
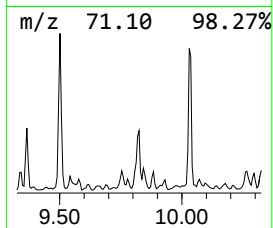
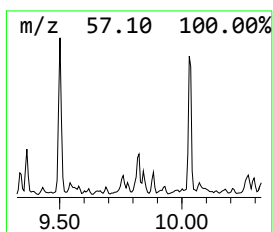
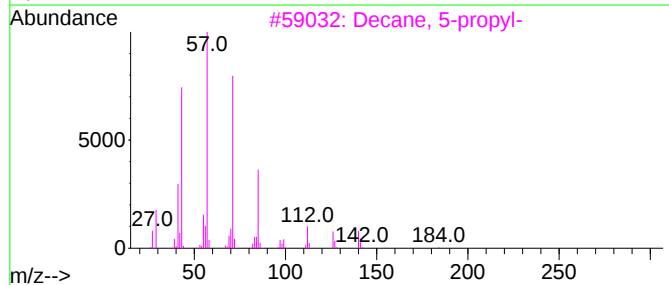
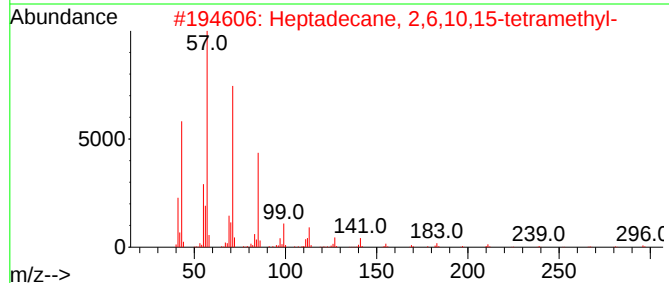
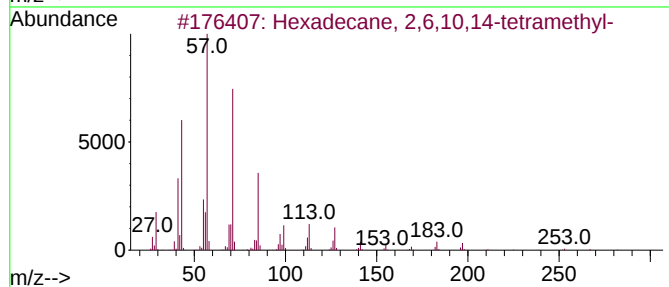
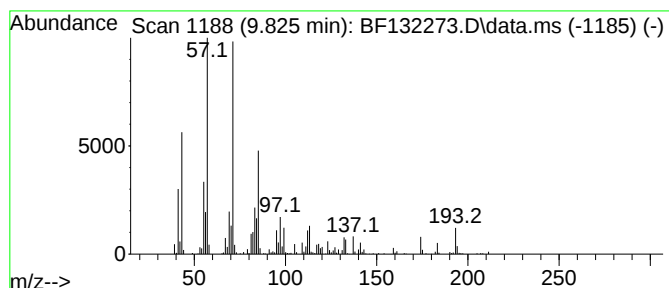
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.825	7.38 ng	373967	Acenaphthene-d10		10.119	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	72
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	64
3	Decane, 5-propyl-		184	C13H28	017312-62-8	64
4	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	59
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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Acq On : 01 Feb 2023 22:10
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ALS Vial : 13 Sample Multiplier: 1

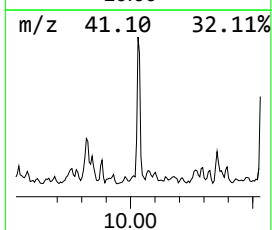
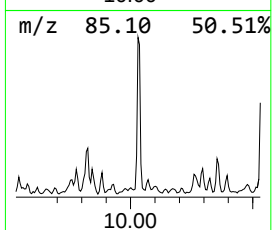
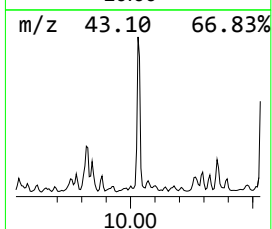
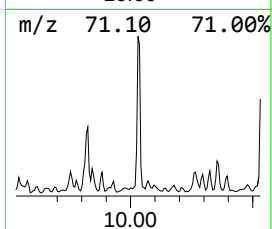
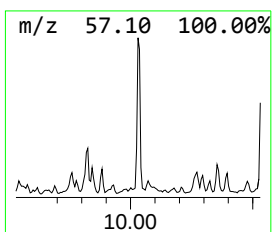
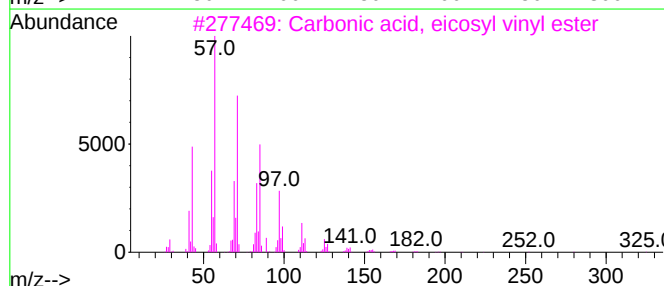
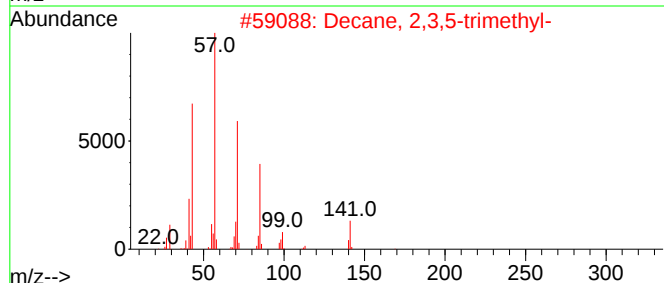
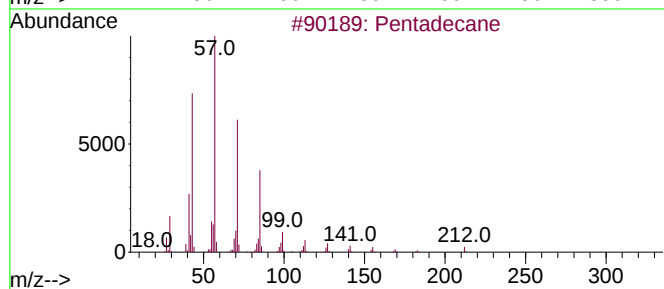
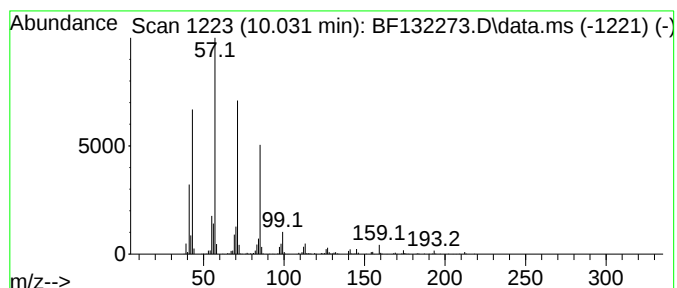
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.031	16.24 ng	823570	Acenaphthene-d10	10.119	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-2-012723

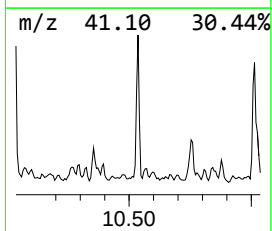
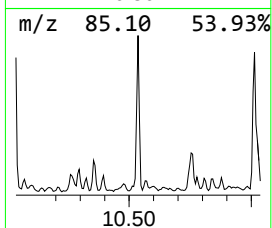
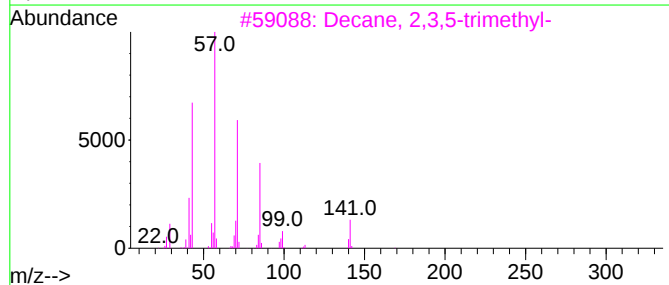
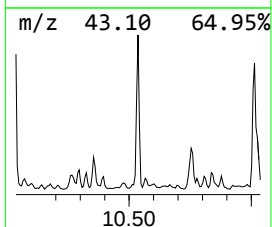
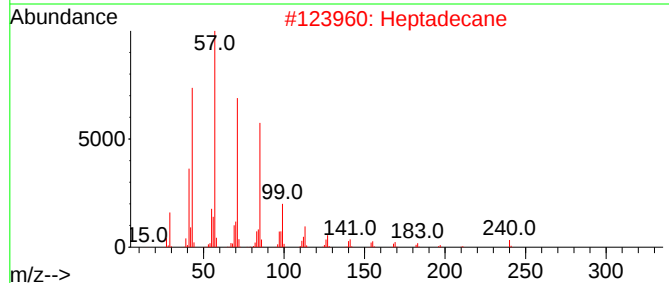
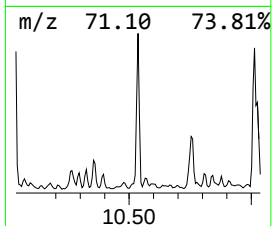
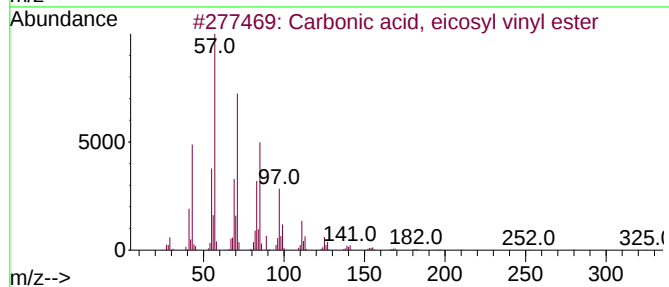
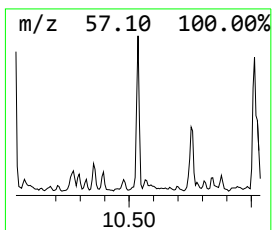
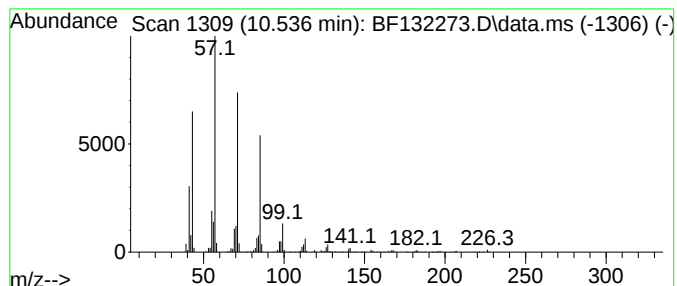
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Carbonic acid, eicosyl vinyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.536	15.16 ng	768590	Acenaphthene-d10	10.119

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
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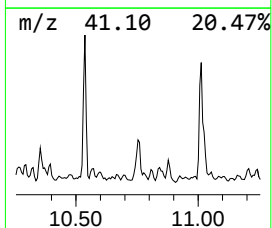
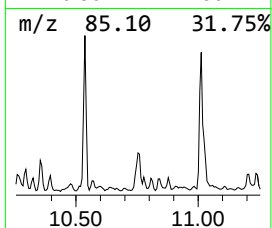
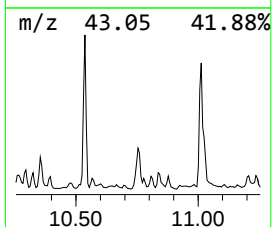
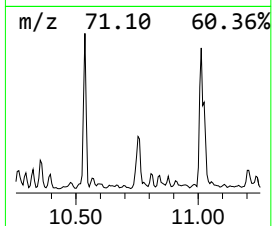
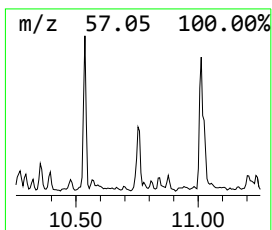
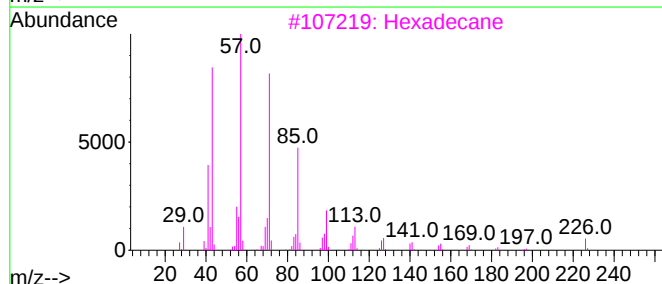
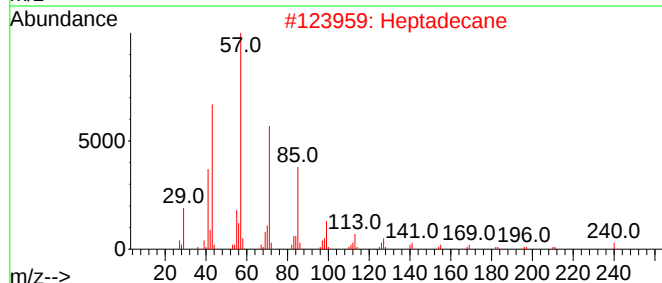
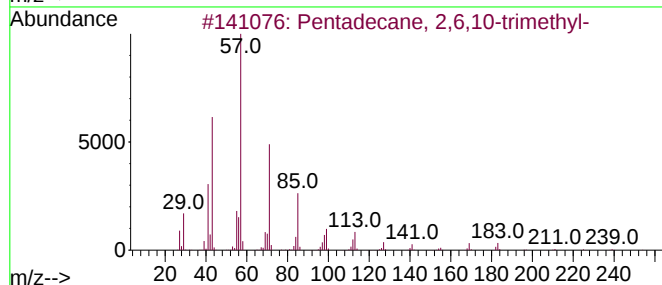
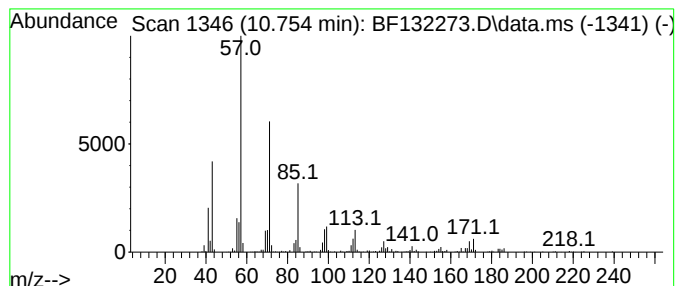
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.754	9.16 ng	464395	Acenaphthene-d10		10.119	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	86
2	Heptadecane		240	C17H36	000629-78-7	80
3	Hexadecane		226	C16H34	000544-76-3	74
4	Heptacosane		380	C27H56	000593-49-7	74
5	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

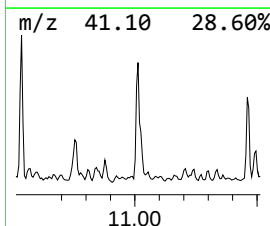
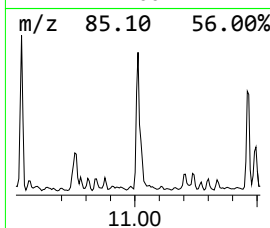
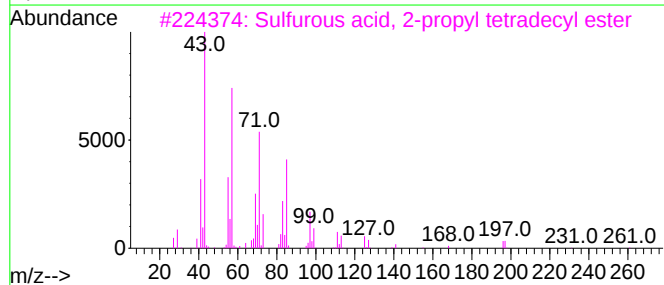
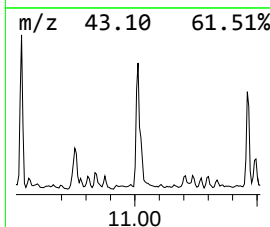
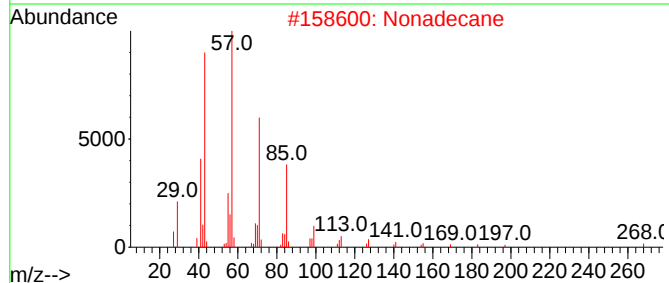
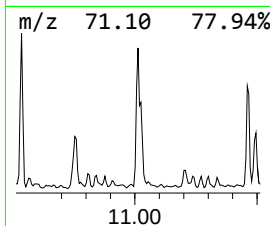
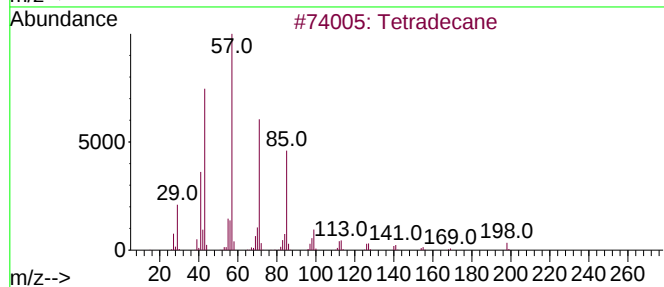
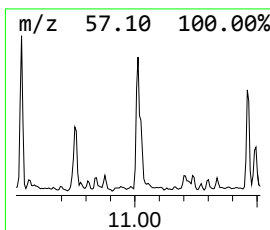
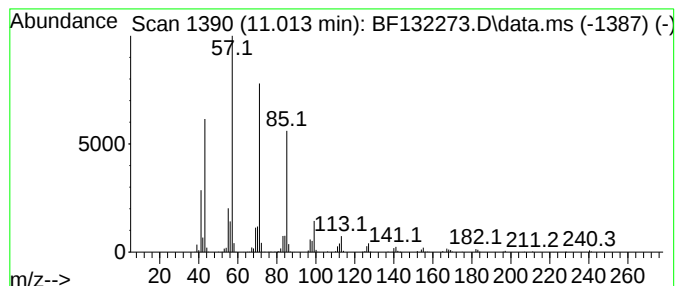
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.013	22.55 ng	1031650	Phenanthrene-d10	11.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Nonadecane	268	C19H40	000629-92-5	90
3		Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1010309-12-5	90
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

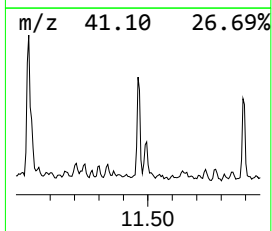
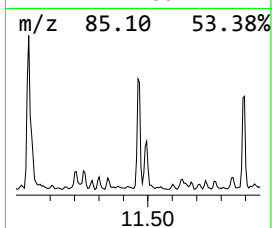
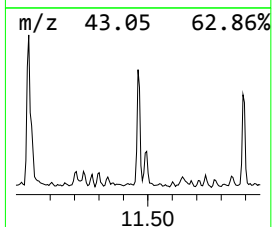
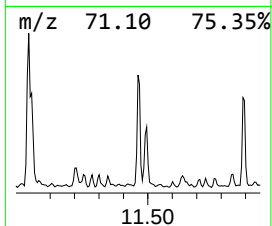
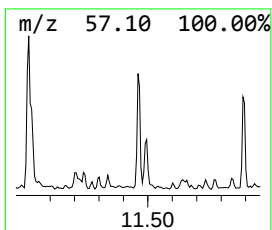
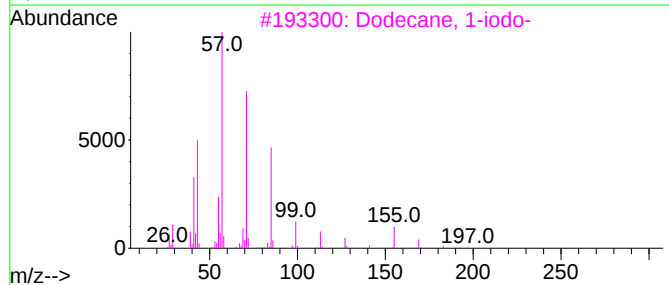
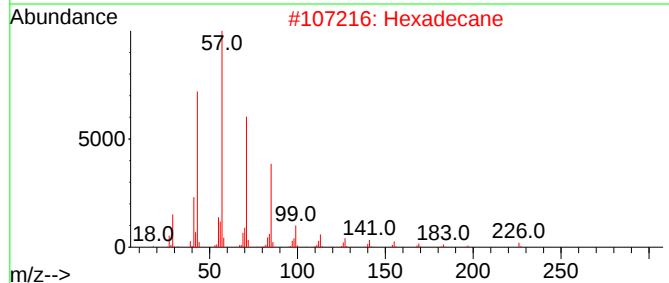
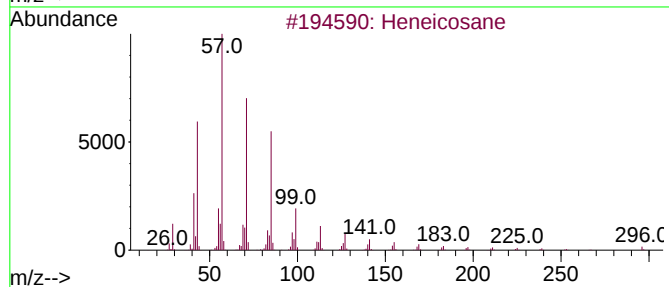
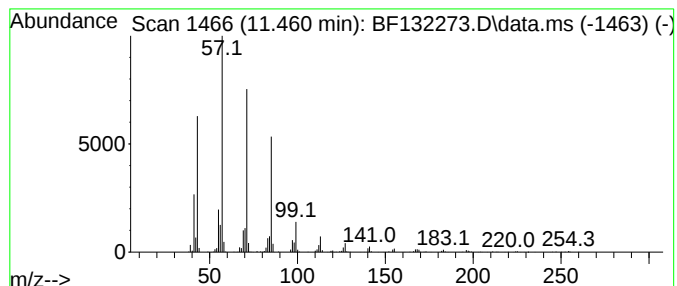
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.460	11.74 ng	537299	Phenanthrene-d10		11.619	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	81
5	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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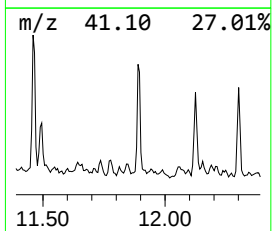
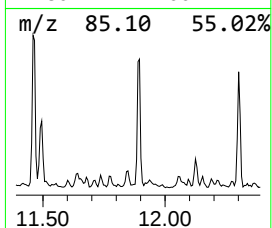
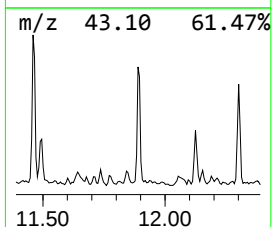
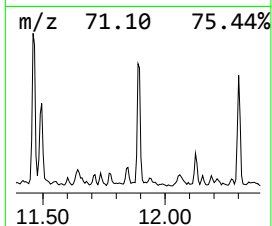
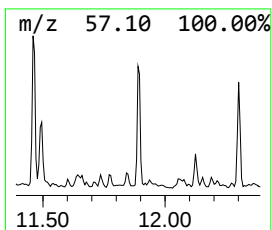
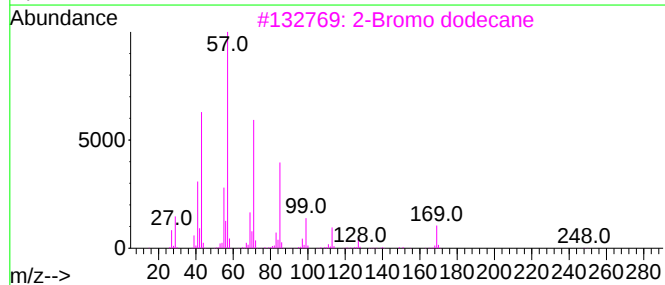
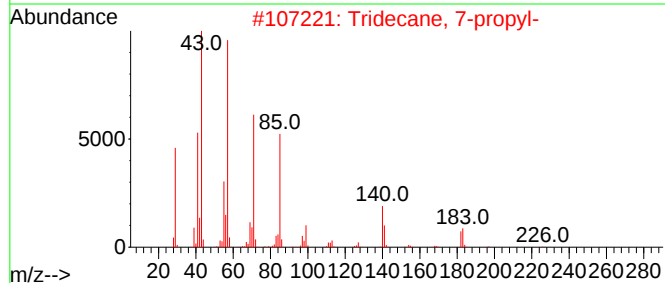
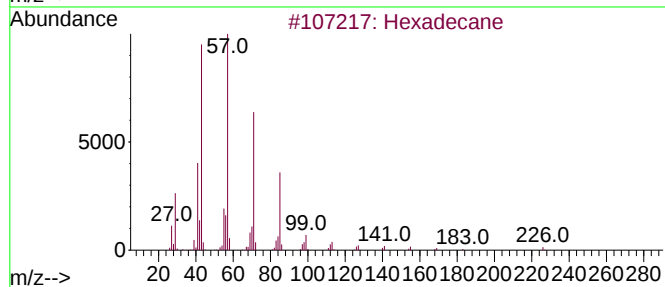
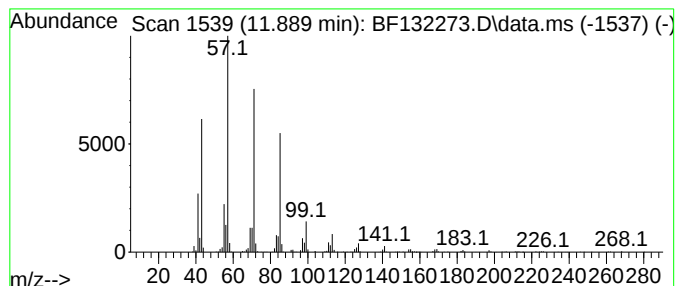
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.889	10.24 ng	468690	Phenanthrene-d10	11.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	93
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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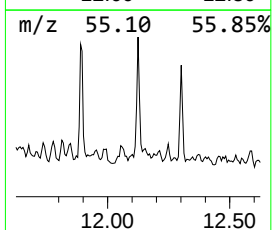
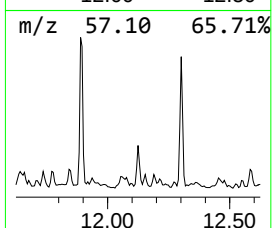
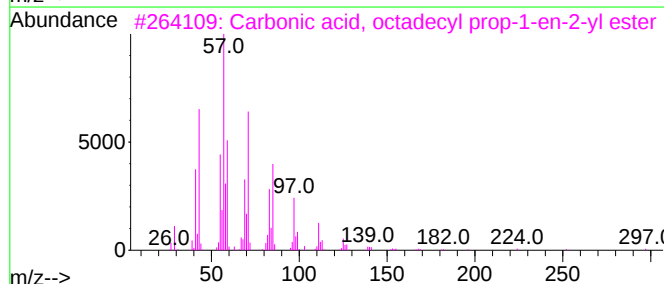
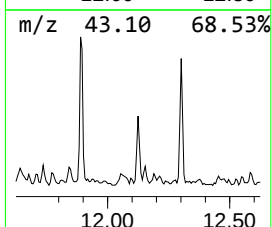
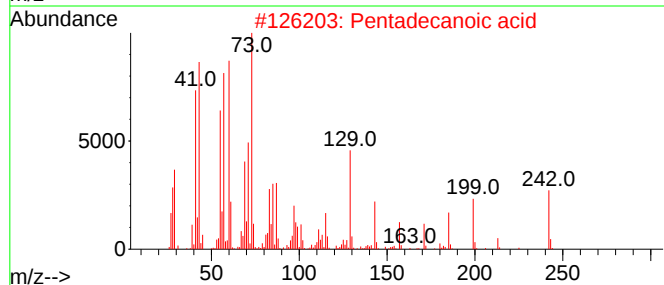
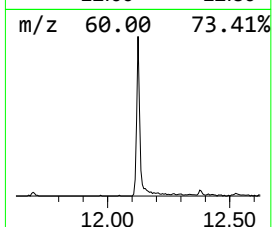
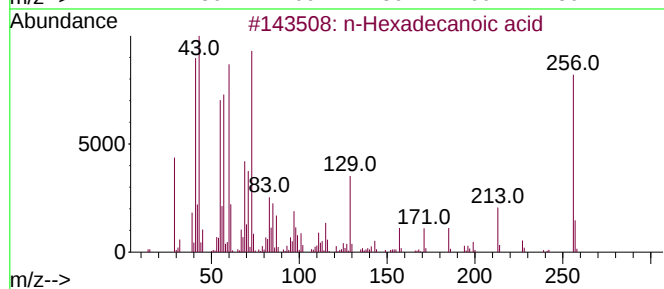
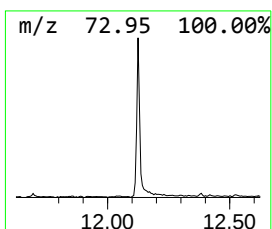
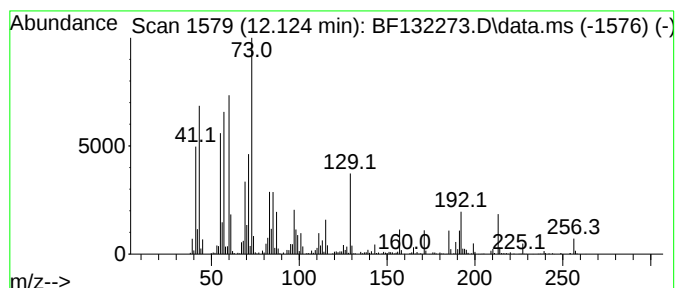
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	8.83 ng	404163	Phenanthrene-d10	11.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	35
4			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	35
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

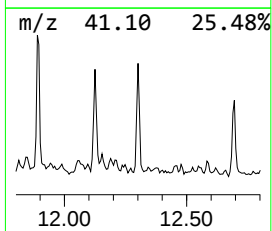
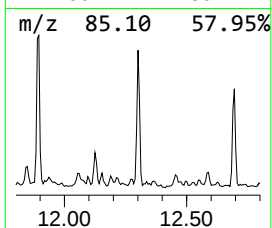
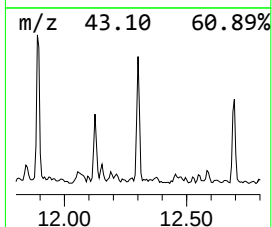
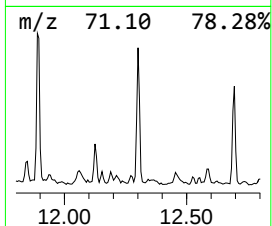
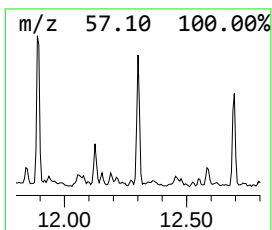
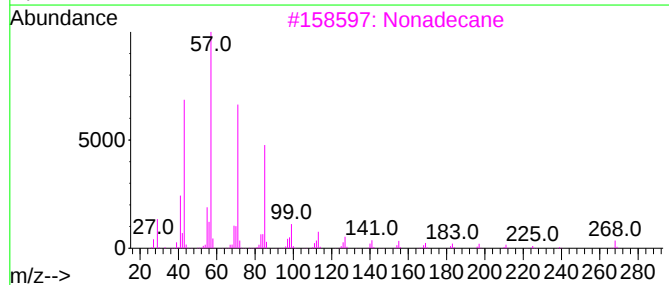
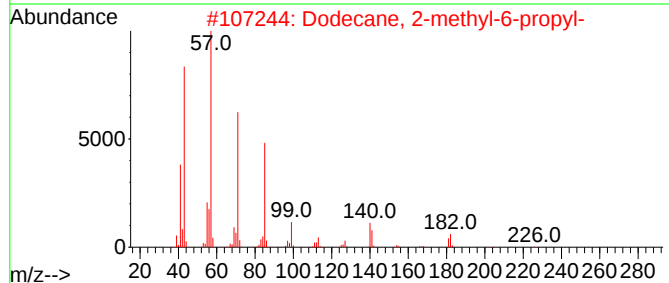
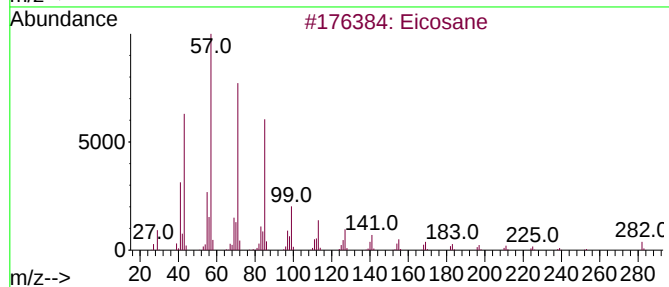
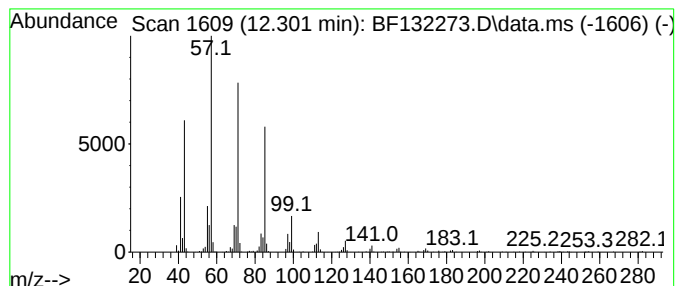
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.301	8.18 ng	374053	Phenanthrene-d10	11.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

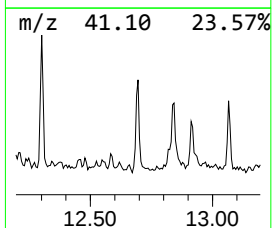
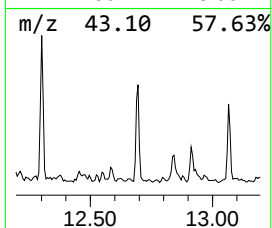
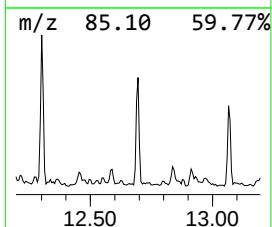
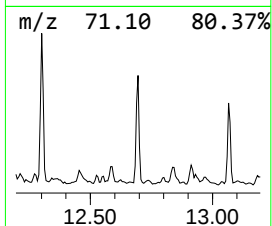
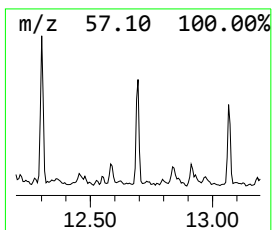
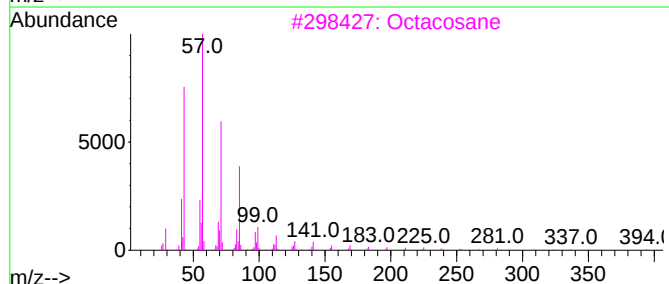
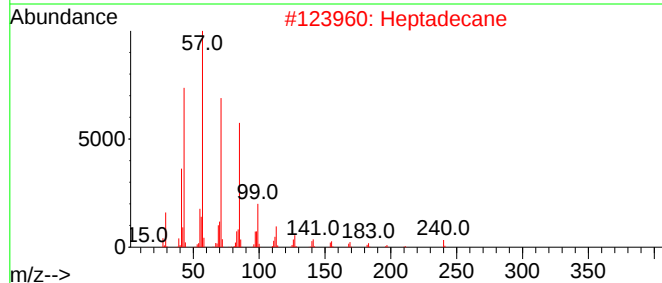
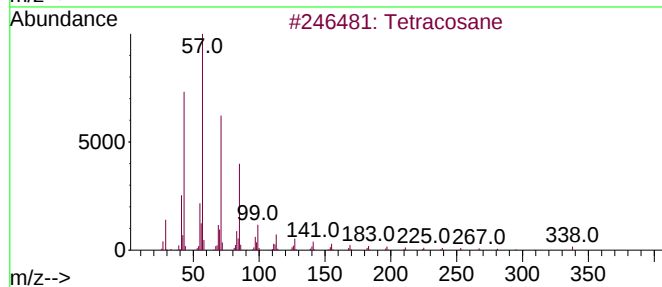
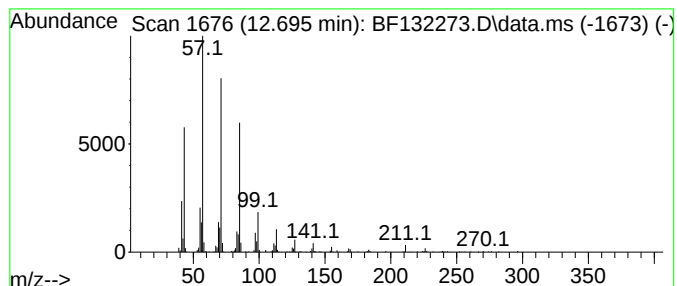
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	7.35 ng	336111	Phenanthrene-d10	11.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

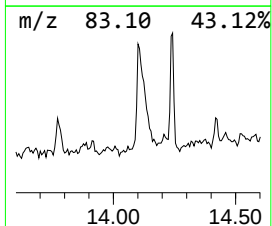
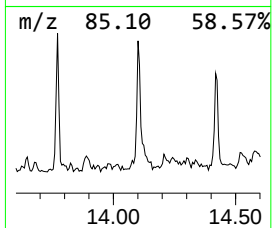
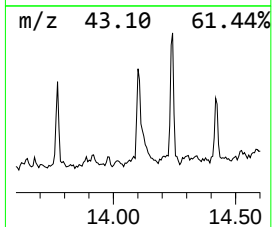
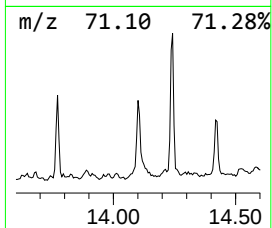
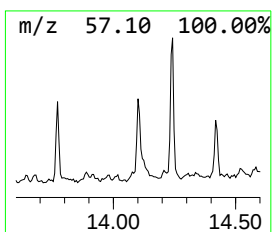
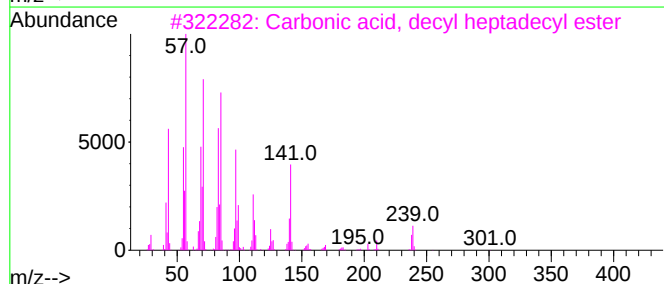
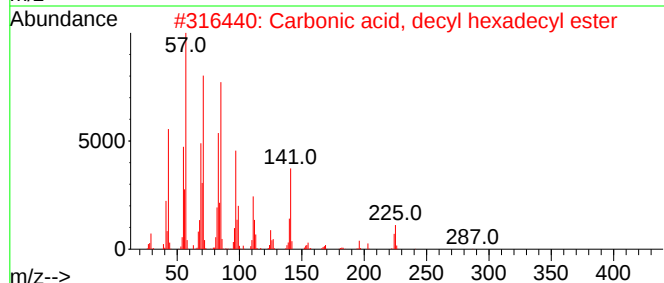
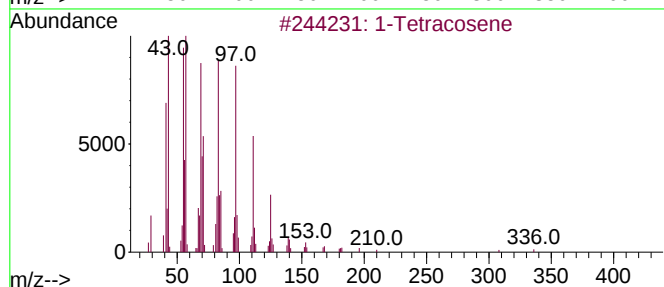
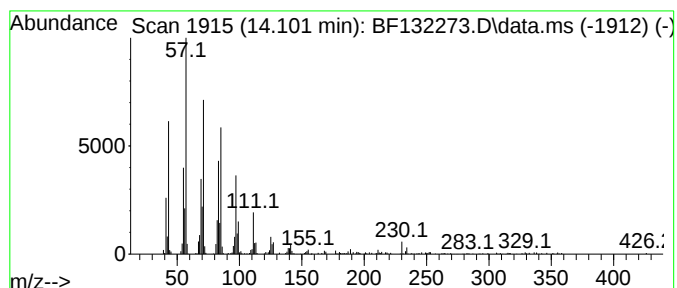
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Tetracosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.101	10.13 ng	419441	Chrysene-d12	14.277

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene			336	C24H48	010192-32-2	94
2	Carbonic acid, decyl hexadecyl e...			426	C27H54O3	1000383-16-5	91
3	Carbonic acid, decyl heptadecyl ...			440	C28H56O3	1000383-16-6	91
4	Carbonic acid, eicosyl vinyl ester			368	C23H44O3	1000382-54-3	91
5	Carbonic acid, decyl tetradecyl ...			398	C25H50O3	1010383-16-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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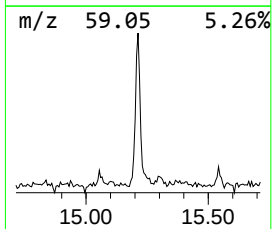
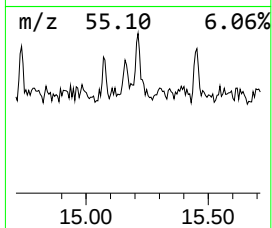
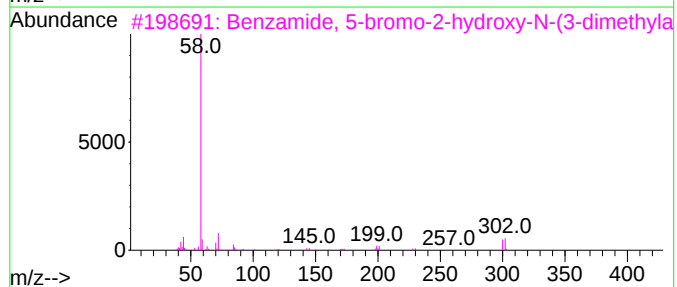
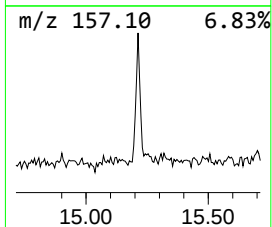
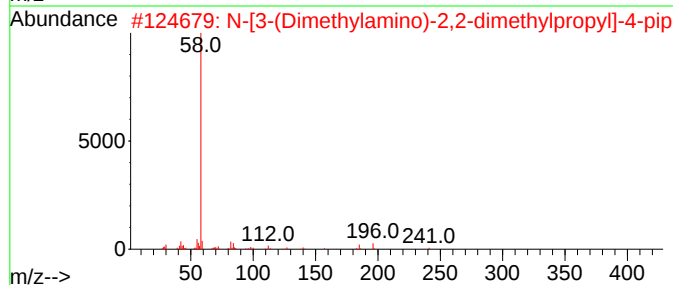
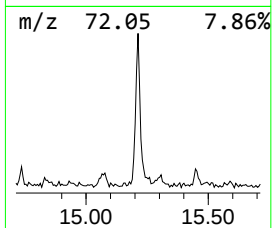
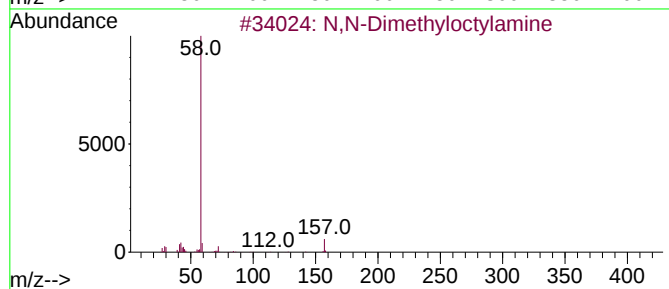
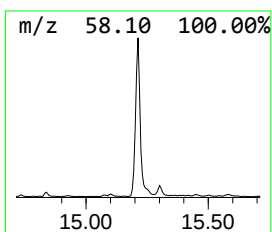
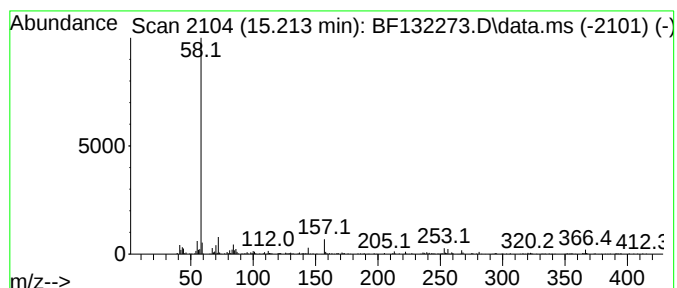
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.213	8.13 ng	324570	Perylene-d12	15.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2			N-[3-(Dimethylamino)-2,2-dimethy...	241	C13H27N3O	728932-41-0	74
3			Benzamide, 5-bromo-2-hydroxy-N-(...	300	C12H17BrN2O2	289660-53-3	72
4			N-[3-(Dimethylamino)propyl]piper...	405	C15H21F6N3O3	1000507-88-3	64
5			Tetradonium Bromide	335	C17H38BrN	001119-97-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132273.D
Acq On : 01 Feb 2023 22:10
Operator : CG\JU
Sample : 01358-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

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-...	5.307	25.8	ng	1139040	1	7.066	882429	20.0
Decane	6.895	6.8	ng	302451	1	7.066	882429	20.0
Benzene, 1,2-di...	7.384	6.5	ng	286649	1	7.066	882429	20.0
unknown8.636	8.636	7.5	ng	441884	2	8.354	1178310	20.0
Naphthalene, 1,...	8.860	8.0	ng	473855	2	8.354	1178310	20.0
Tridecane	8.931	14.0	ng	824906	2	8.354	1178310	20.0
Naphthalene, 1,...	9.295	6.4	ng	323937	3	10.119	1014130	20.0
Tetradecane	9.501	16.7	ng	844757	3	10.119	1014130	20.0
Hexadecane, 2,6...	9.825	7.4	ng	373967	3	10.119	1014130	20.0
Pentadecane	10.031	16.2	ng	823570	3	10.119	1014130	20.0
Carbonic acid, ...	10.536	15.2	ng	768590	3	10.119	1014130	20.0
Pentadecane, 2,...	10.754	9.2	ng	464395	3	10.119	1014130	20.0
Nonadecane	11.013	22.6	ng	1031650	4	11.619	915002	20.0
Heneicosane	11.460	11.7	ng	537299	4	11.619	915002	20.0
Hexadecane	11.889	10.2	ng	468690	4	11.619	915002	20.0
n-Hexadecanoic ...	12.124	8.8	ng	404163	4	11.619	915002	20.0
Eicosane	12.301	8.2	ng	374053	4	11.619	915002	20.0
Tetracosane	12.695	7.3	ng	336111	4	11.619	915002	20.0
1-Tetracosene	14.101	10.1	ng	419441	5	14.277	827868	20.0
N,N-Dimethyloct...	15.213	8.1	ng	324570	6	15.865	798085	20.0