

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133371.D
 Acq On : 12 May 2023 16:07
 Operator : CG\JU
 Sample : 02760-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-051123

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.245	362	367	374	rBV	405993	514052	1.69%	0.359%
2	4.904	473	479	492	rVB	1638150	2193457	7.20%	1.532%
3	5.334	547	552	555	rBV	4680724	4456118	14.63%	3.111%
4	6.363	722	727	730	rBV	4299911	4516467	14.83%	3.154%
5	6.716	784	787	790	rBV	1403001	1160042	3.81%	0.810%
6	7.286	880	884	888	rVV	3266588	3023070	9.93%	2.111%
7	7.322	888	890	893	rVV	658893	512781	1.68%	0.358%
8	7.528	920	925	928	rVB3	408307	481976	1.58%	0.337%
9	7.963	994	999	1001	rBV4	229752	345768	1.14%	0.241%
10	7.998	1001	1005	1008	rVV2	2325372	2834063	9.31%	1.979%
11	8.075	1016	1018	1020	rVB	469232	338730	1.11%	0.237%
12	8.175	1029	1035	1037	rBV5	228330	333482	1.10%	0.233%
13	8.204	1037	1040	1043	rVB2	316610	359011	1.18%	0.251%
14	8.298	1051	1056	1059	rBV5	453336	685781	2.25%	0.479%
15	8.357	1063	1066	1068	rBV3	419578	364318	1.20%	0.254%
16	8.386	1068	1071	1074	rBV2	573476	492832	1.62%	0.344%
17	8.433	1076	1079	1080	rBV	505782	411289	1.35%	0.287%
18	8.510	1088	1092	1094	rBV2	767559	711971	2.34%	0.497%
19	8.604	1104	1108	1110	rBV	2004444	1743274	5.72%	1.217%
20	8.663	1115	1118	1120	rVV	496138	433465	1.42%	0.303%
21	8.698	1121	1124	1126	rVV3	345195	306371	1.01%	0.214%
22	8.828	1139	1146	1150	rBV5	855286	993373	3.26%	0.694%
23	8.886	1153	1156	1158	rBV3	378243	356869	1.17%	0.249%
24	8.969	1168	1170	1172	rVB	522445	396535	1.30%	0.277%
25	9.028	1178	1180	1184	rVB3	648534	702646	2.31%	0.491%
26	9.080	1185	1189	1192	rBV	5374859	4528506	14.87%	3.162%
27	9.169	1200	1204	1207	rBV	2548606	2278584	7.48%	1.591%
28	9.228	1212	1214	1216	rVV	625404	580655	1.91%	0.405%
29	9.333	1228	1232	1234	rBV4	319461	416550	1.37%	0.291%
30	9.392	1239	1242	1244	rBV3	324661	357531	1.17%	0.250%
31	9.416	1244	1246	1248	rVV3	483927	510884	1.68%	0.357%
32	9.439	1248	1250	1252	rVV2	565759	469192	1.54%	0.328%
33	9.486	1252	1258	1260	rVV4	1270803	1498372	4.92%	1.046%
34	9.510	1260	1262	1264	rVV	774480	666800	2.19%	0.466%
35	9.539	1264	1267	1270	rVB3	606937	650668	2.14%	0.454%
36	9.698	1291	1294	1297	rBV	3134063	2505085	8.23%	1.749%

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Integrator: RTE

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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-BF042123.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.733	1297	1300	1301	rBV2	459161	386912	1.27%	0.270%
38	9.757	1301	1304	1307	rVB	1782137	1589168	5.22%	1.110%
39	9.933	1329	1334	1336	rBV3	419618	738981	2.43%	0.516%
40	9.957	1336	1338	1341	rVV3	404304	402466	1.32%	0.281%
41	10.016	1345	1348	1351	rVB2	738366	682926	2.24%	0.477%
42	10.198	1375	1379	1381	rVV	2885615	2668320	8.76%	1.863%
43	10.245	1385	1387	1392	rVB5	308026	397655	1.31%	0.278%
44	10.416	1409	1416	1418	rBV	1253048	1591945	5.23%	1.112%
45	10.469	1422	1425	1427	rVB	622812	581262	1.91%	0.406%
46	10.498	1427	1430	1433	rBV2	401557	398616	1.31%	0.278%
47	10.545	1433	1438	1441	rVB3	2551879	2559377	8.40%	1.787%
48	10.669	1456	1459	1467	rBV	2998846	3684015	12.10%	2.572%
49	10.857	1488	1491	1493	rBV	317942	337254	1.11%	0.235%
50	10.986	1511	1513	1518	rVB2	291110	406721	1.34%	0.284%
51	11.116	1531	1535	1537	rBV	2581130	2173797	7.14%	1.518%
52	11.145	1537	1540	1546	rVB	1144906	1178833	3.87%	0.823%
53	11.239	1553	1556	1558	rBV	1448224	1242626	4.08%	0.868%
54	11.257	1558	1559	1562	rVB	414102	320163	1.05%	0.224%
55	11.539	1604	1607	1610	rBV	2120700	1892887	6.22%	1.322%
56	11.651	1620	1626	1629	rVB	8781476	12152721	39.90%	8.485%
57	11.798	1644	1651	1655	rBV2	2377183	3125648	10.26%	2.182%
58	11.945	1673	1676	1681	rVB	1820943	1719299	5.65%	1.200%
59	12.039	1690	1692	1695	rBV3	321289	309626	1.02%	0.216%
60	12.368	1737	1748	1749	rBV4	9393373	30454196	100.00%	21.264%
61	12.445	1757	1761	1764	rVB2	7298769	7350710	24.14%	5.133%
62	12.492	1764	1769	1771	rBV	4610496	7788052	25.57%	5.438%
63	12.574	1781	1783	1788	rVB	1059797	829684	2.72%	0.579%
64	12.680	1799	1801	1804	rVB	598215	494473	1.62%	0.345%
65	12.710	1804	1806	1809	rBV	1000333	760791	2.50%	0.531%
66	12.833	1823	1827	1830	rBV	4125320	3705584	12.17%	2.587%
67	13.063	1863	1866	1868	rBV	908219	1016285	3.34%	0.710%
68	13.157	1879	1882	1885	rBV	1063994	903865	2.97%	0.631%
69	13.310	1906	1908	1912	rVB	371848	375292	1.23%	0.262%
70	13.404	1921	1924	1927	rVB	562475	457535	1.50%	0.319%
71	13.733	1977	1980	1986	rVB2	564684	675579	2.22%	0.472%
72	13.827	1992	1996	2000	rBV	989791	948628	3.11%	0.662%
73	13.874	2000	2004	2007	rBV2	1283765	1415864	4.65%	0.989%
74	14.051	2031	2034	2039	rVB2	389874	381203	1.25%	0.266%
75	14.351	2083	2085	2088	rBV	340560	306778	1.01%	0.214%
76	14.445	2098	2101	2106	rBV3	472861	561011	1.84%	0.392%

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ClientSampleId :
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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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.968	2188	2190	2197	rVB2	302372	341995	1.12%	0.239%
78	15.298	2242	2246	2249	rBV	656261	779424	2.56%	0.544%

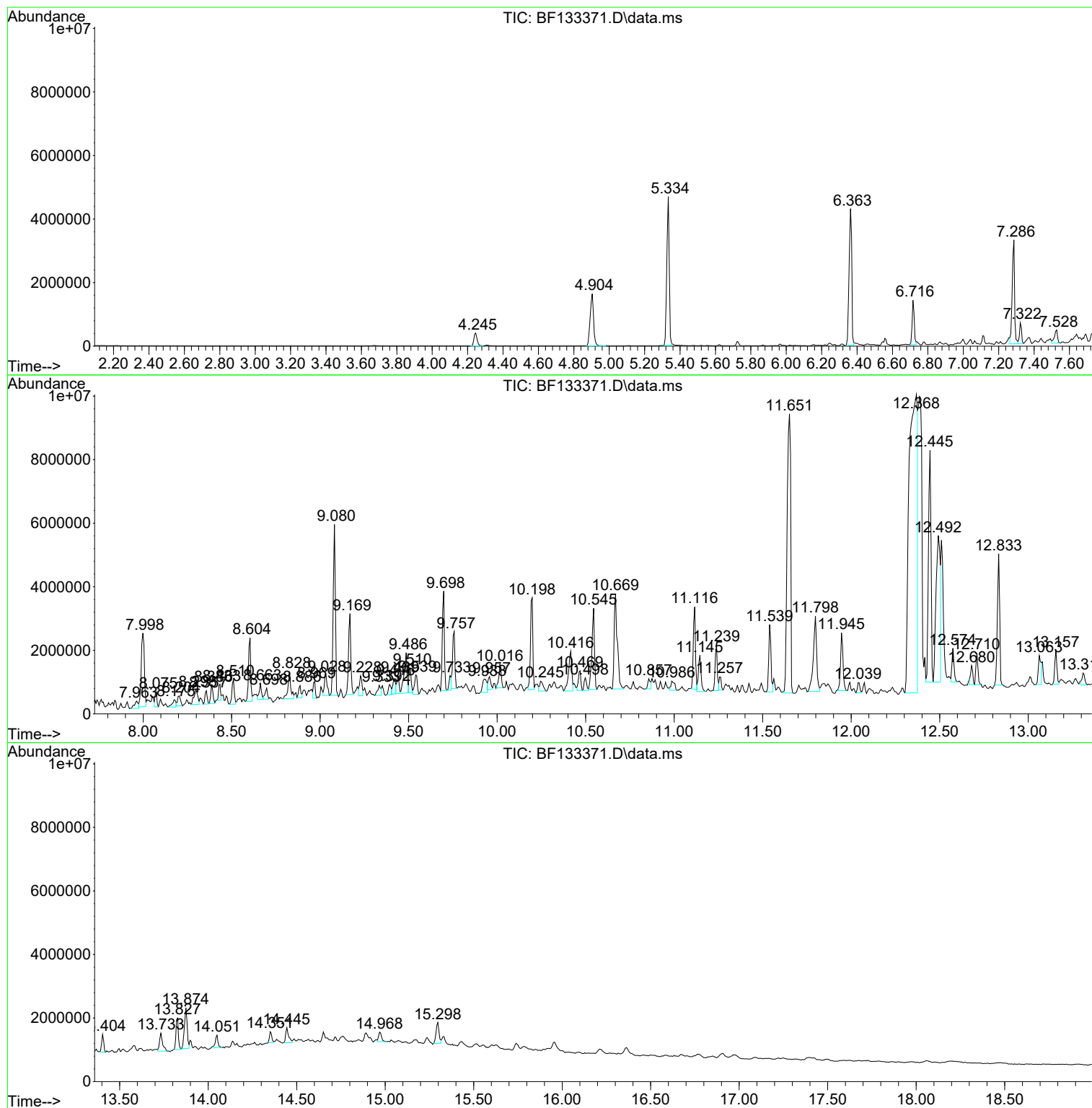
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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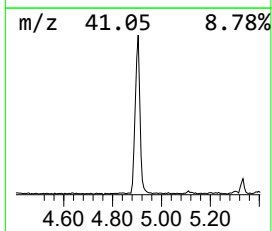
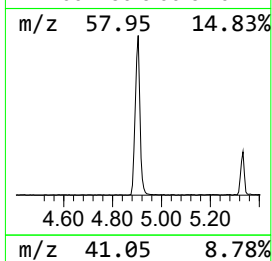
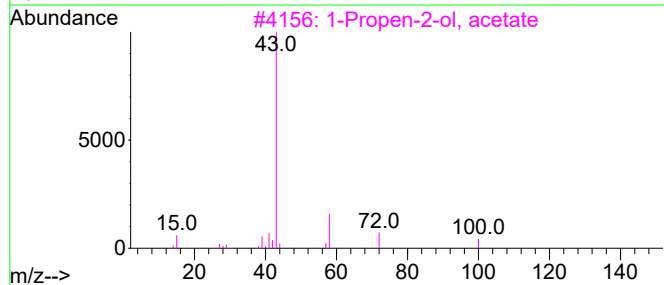
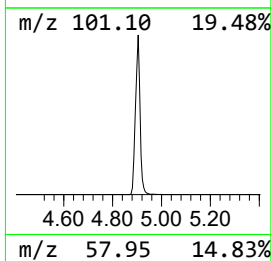
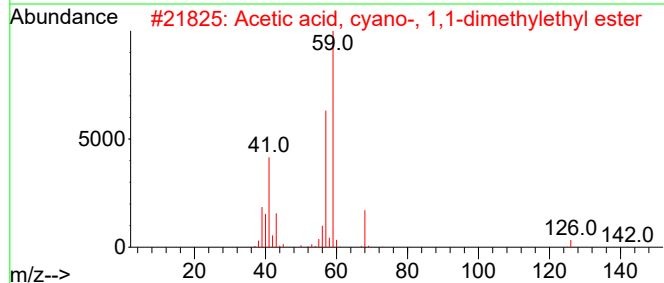
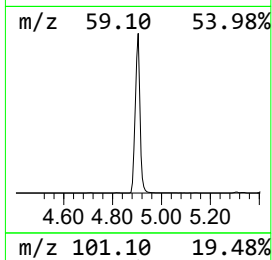
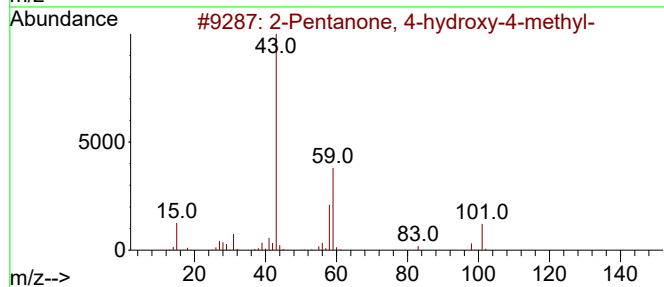
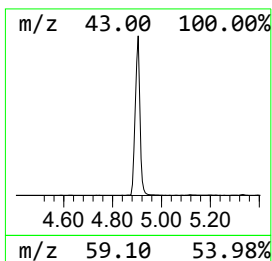
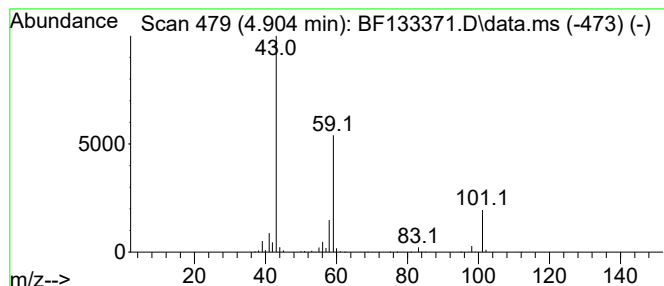
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
4.904	37.82 ng	2193460	1,4-Dichlorobenzene-d4			6.716
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-		101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	9



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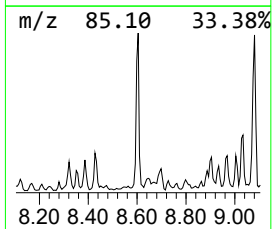
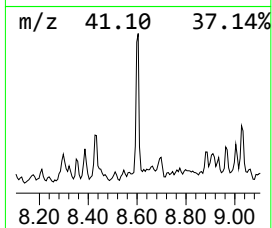
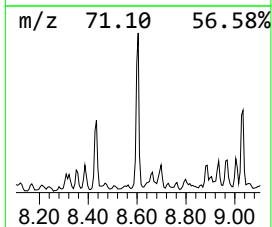
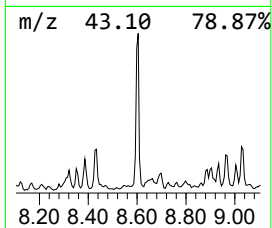
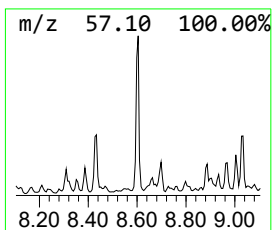
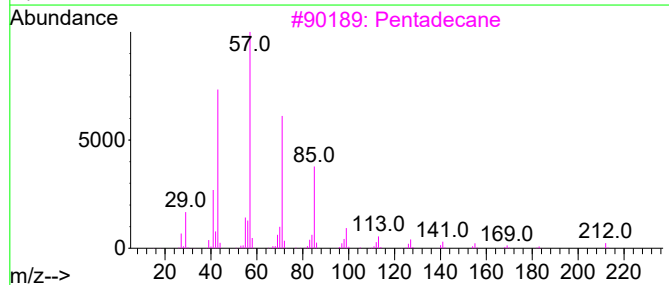
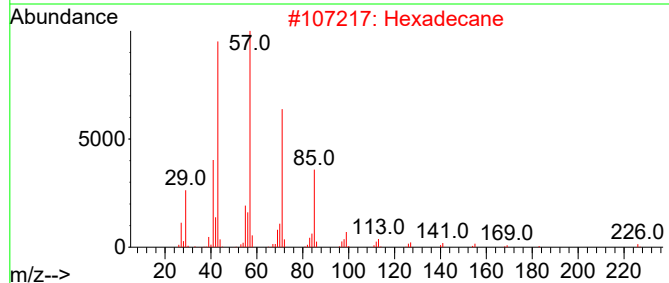
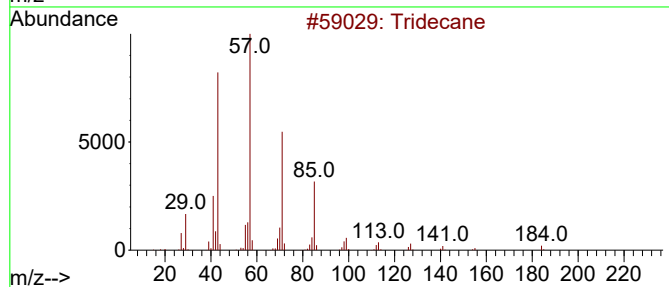
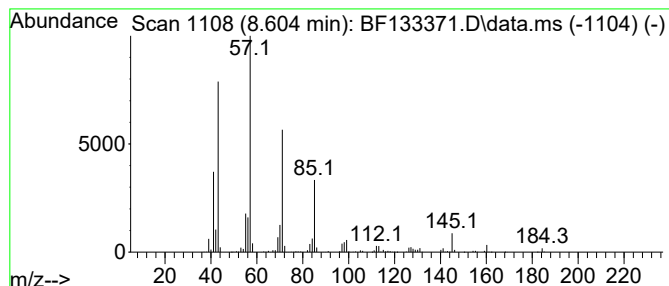
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	12.30 ng	1743270	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	87
3			Pentadecane	212	C15H32	000629-62-9	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Undecane	156	C11H24	001120-21-4	72



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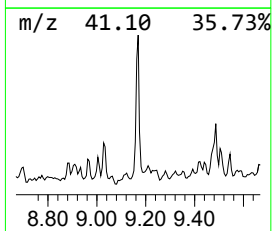
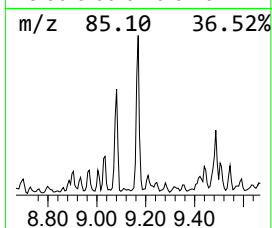
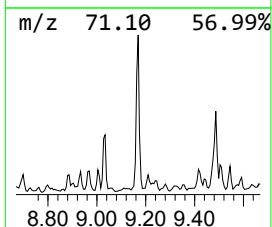
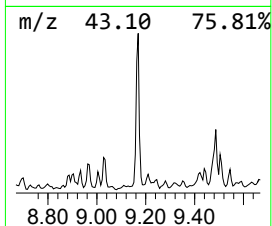
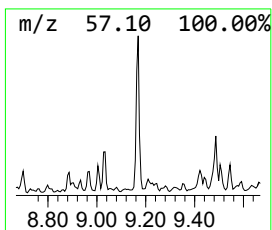
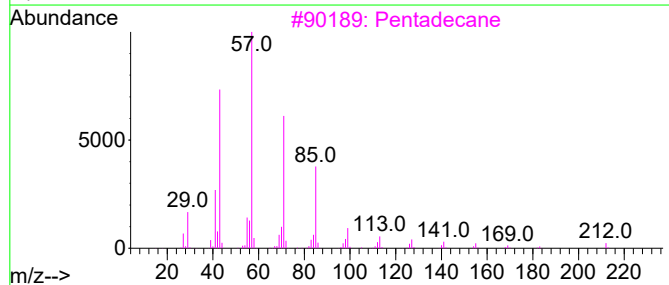
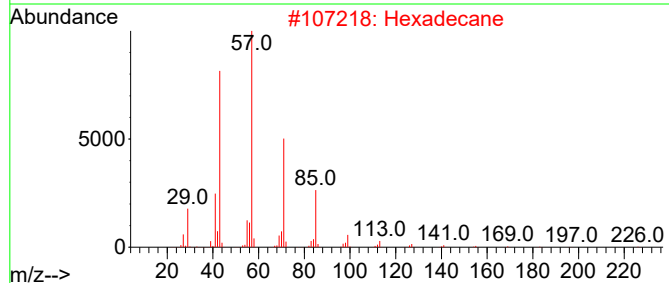
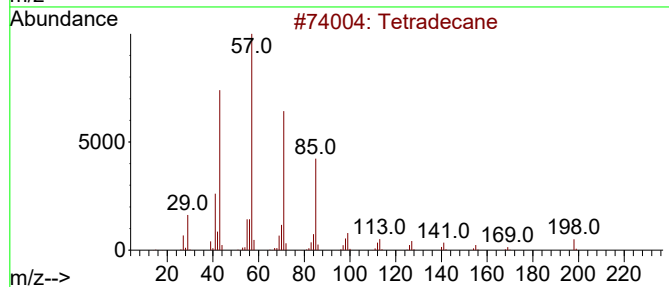
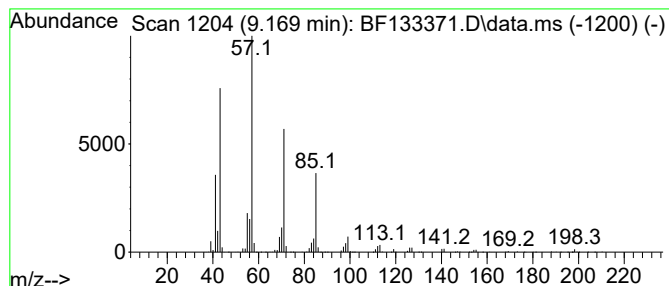
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	28.68 ng	2278580	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Hexadecane	226	C16H34	000544-76-3	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Nonadecane	268	C19H40	000629-92-5	64



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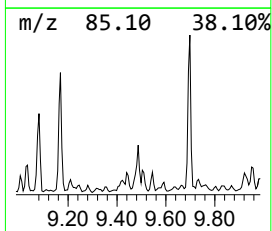
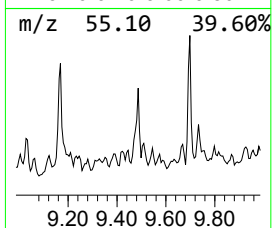
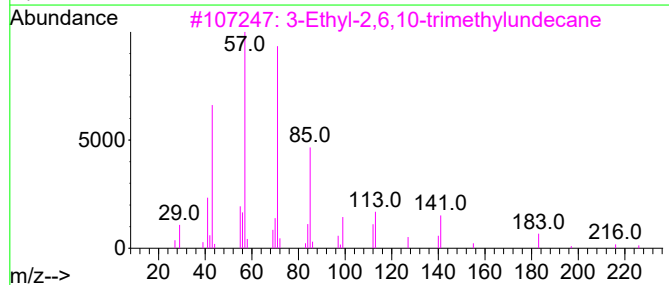
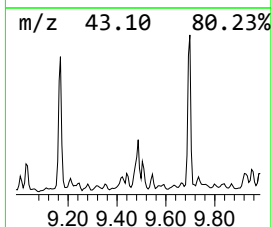
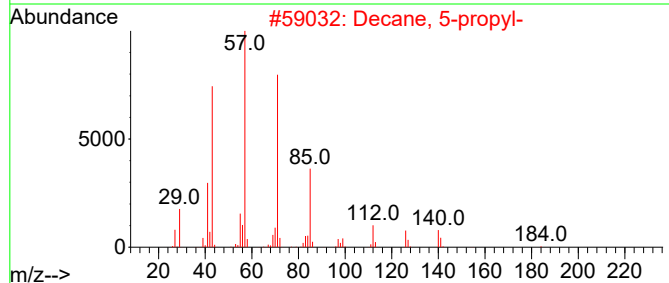
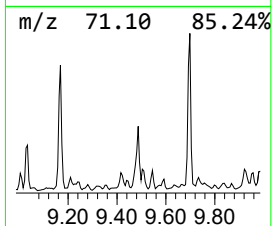
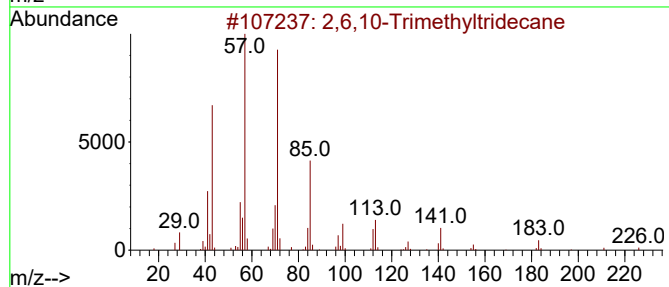
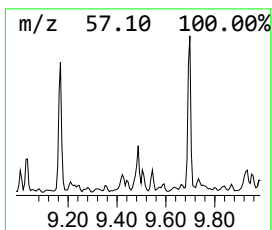
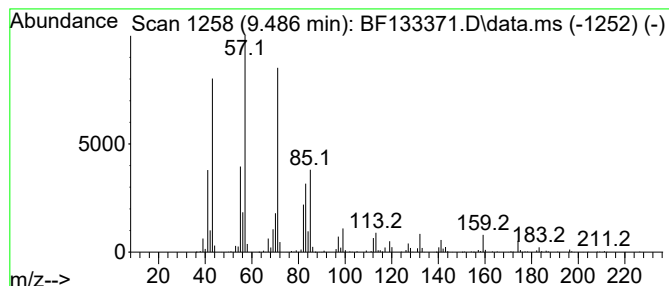
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2,6,10-Trimethyltridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	18.86 ng	1498370	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	98		
2	Decane, 5-propyl-	184	C13H28	017312-62-8	70		
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64		
4	Tetradecane	198	C14H30	000629-59-4	64		
5	Eicosane	282	C20H42	000112-95-8	64		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-051123

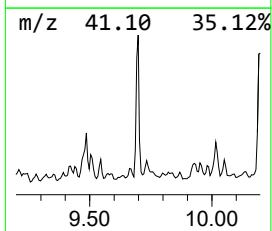
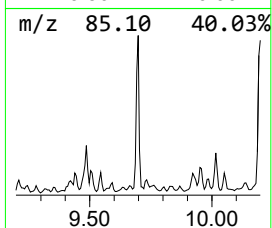
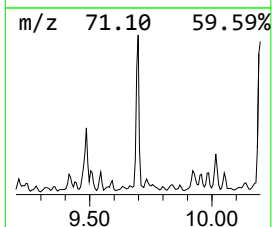
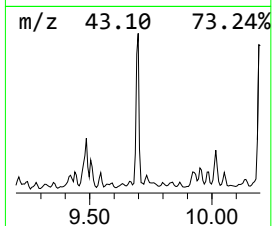
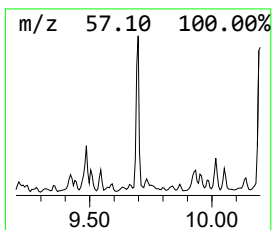
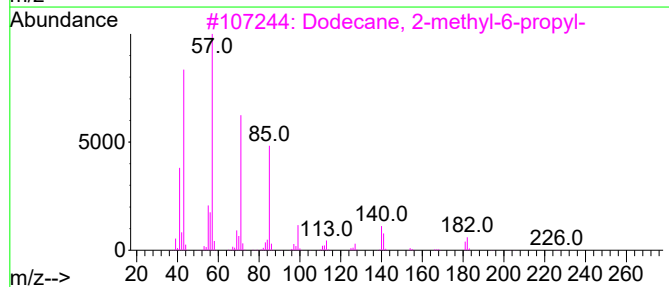
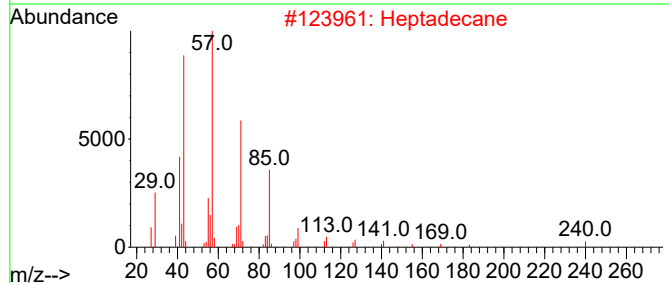
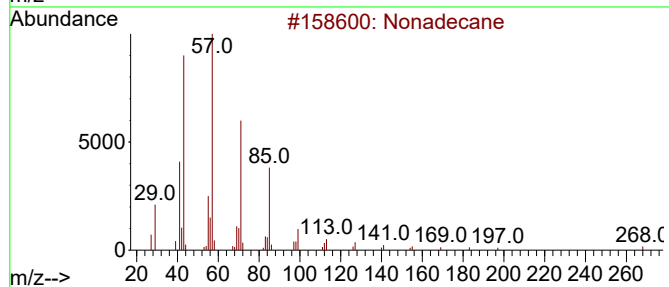
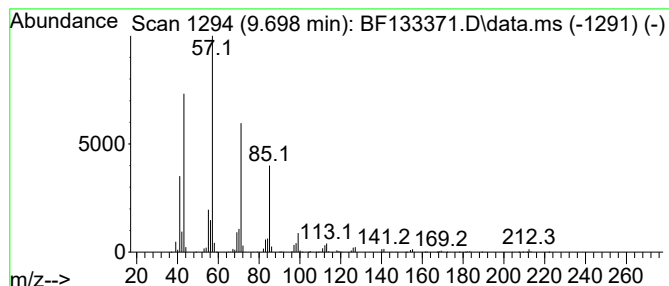
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	31.53 ng	2505090	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
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Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-051123

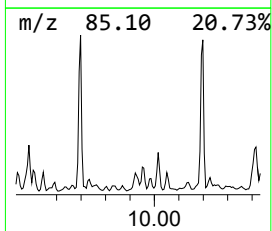
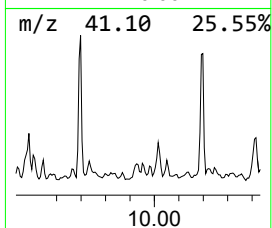
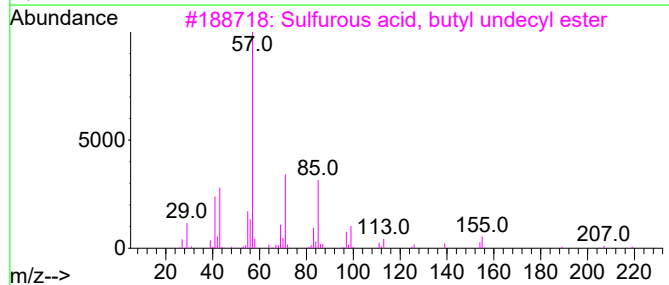
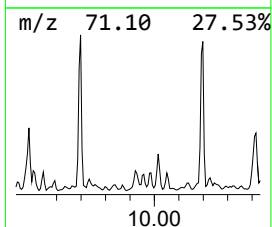
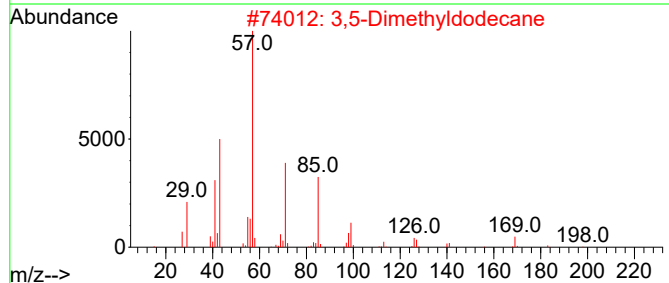
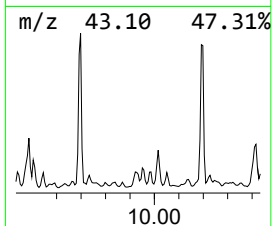
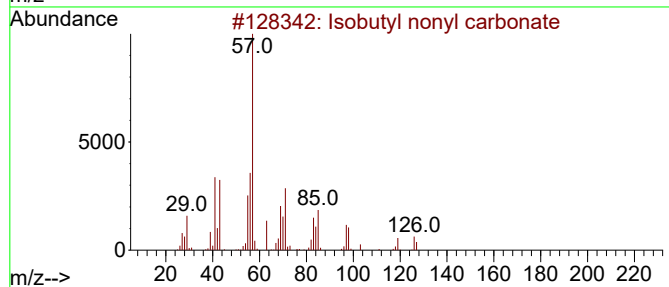
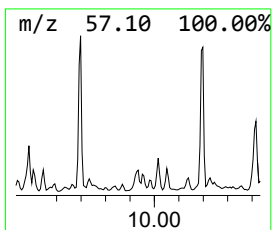
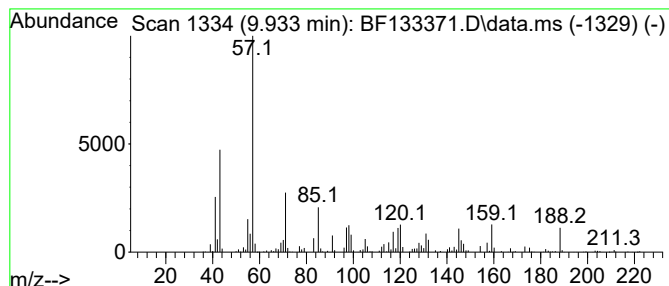
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.933 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.933	9.30 ng	738981	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	43
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	30
3			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	27
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	27
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
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Misc :
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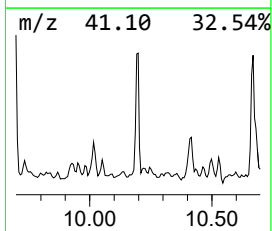
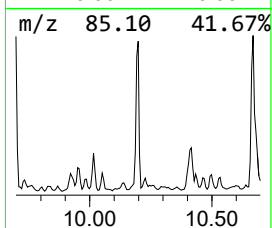
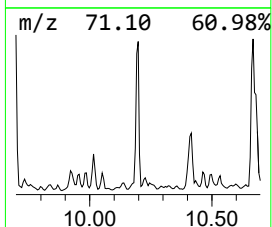
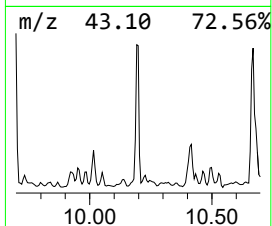
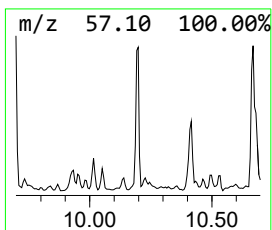
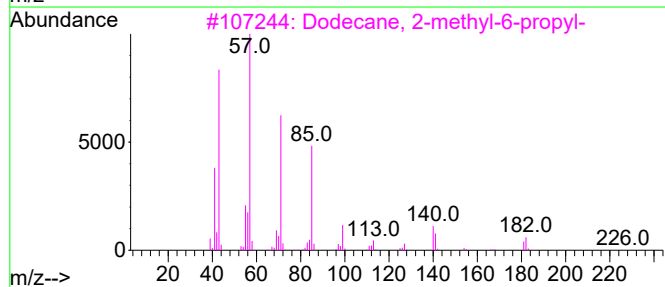
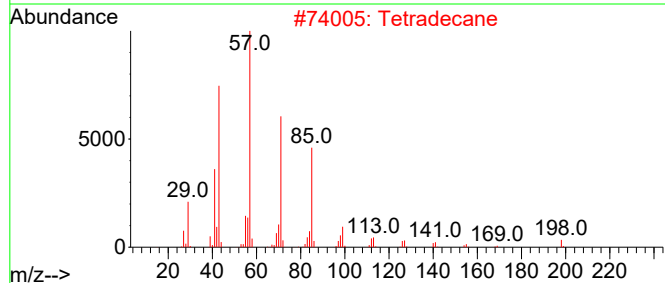
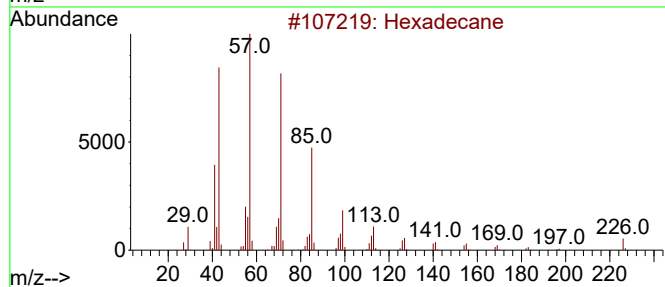
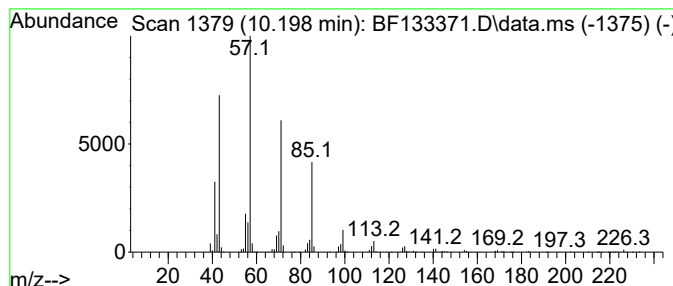
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	33.58 ng	2668320	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Tetradecane	198	C14H30	000629-59-4	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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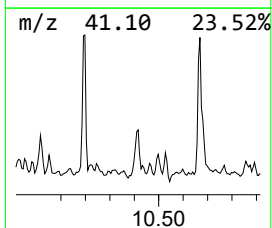
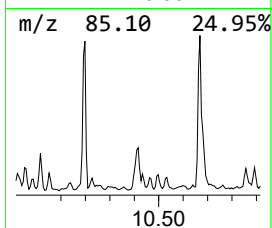
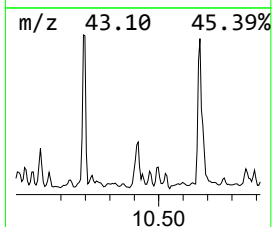
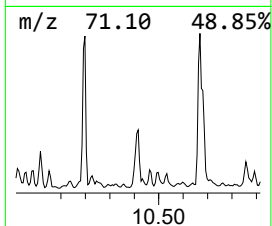
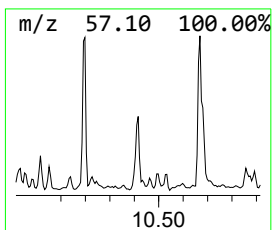
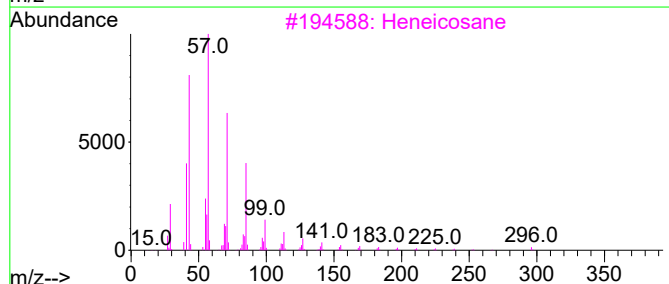
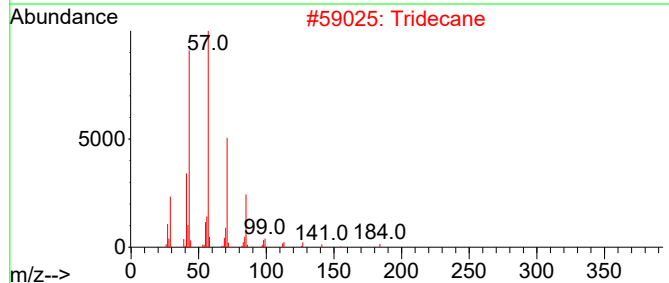
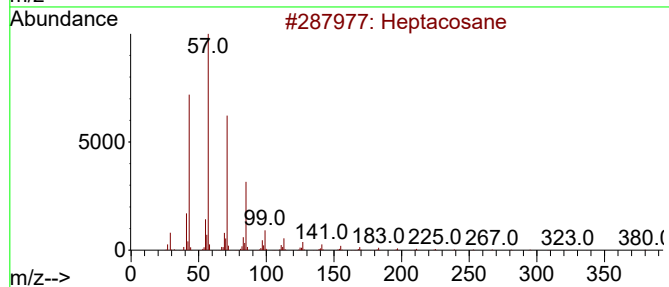
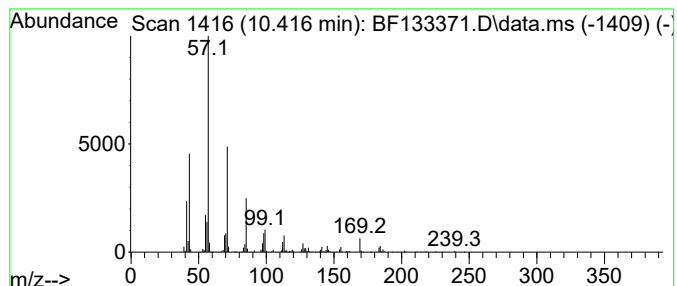
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	20.03 ng	1591950	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	86
2			Tridecane	184	C13H28	000629-50-5	80
3			Heneicosane	296	C21H44	000629-94-7	72
4			Eicosane	282	C20H42	000112-95-8	72
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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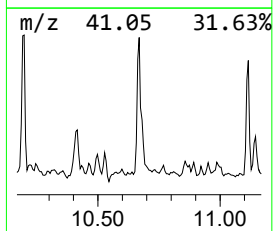
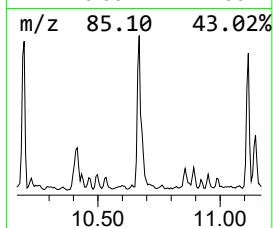
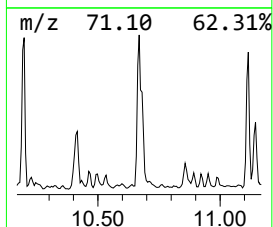
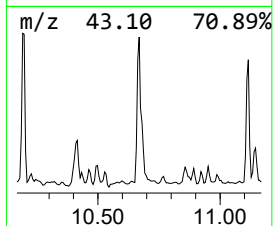
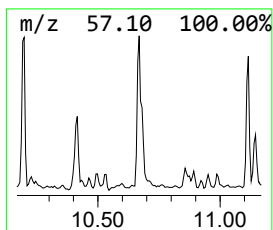
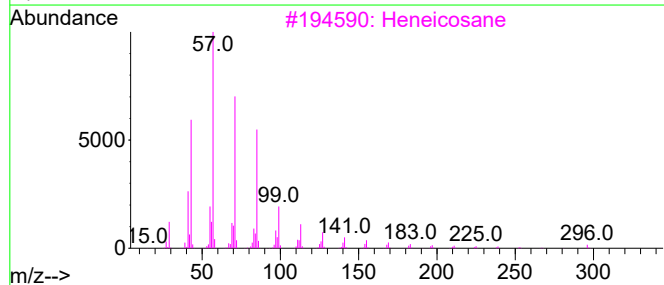
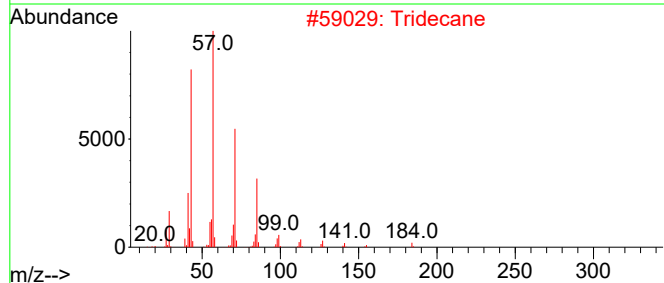
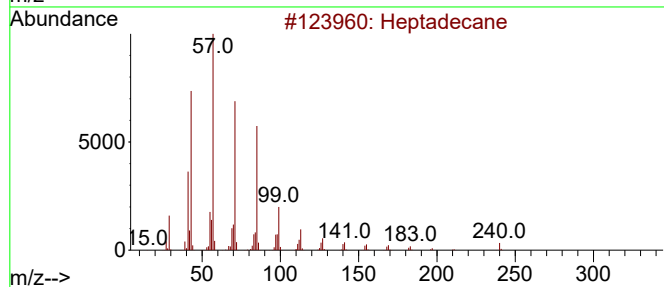
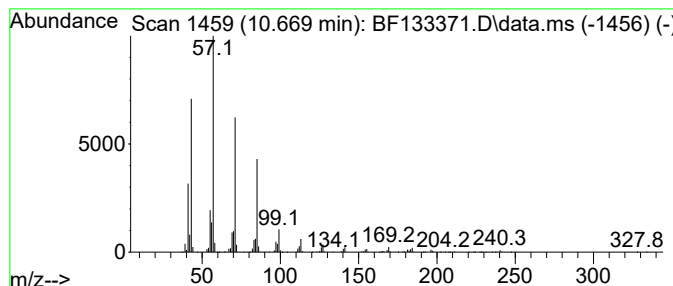
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	59.29 ng	3684020	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane	184	C13H28	000629-50-5	94
3			Heneicosane	296	C21H44	000629-94-7	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
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Acq On : 12 May 2023 16:07
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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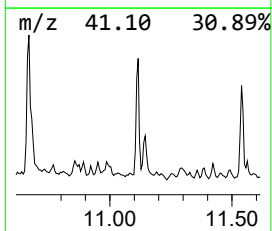
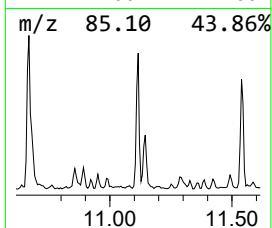
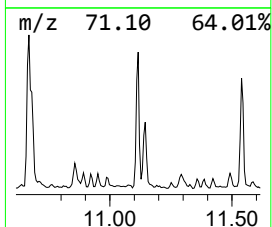
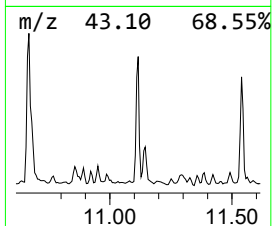
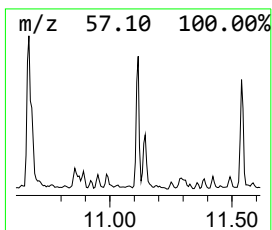
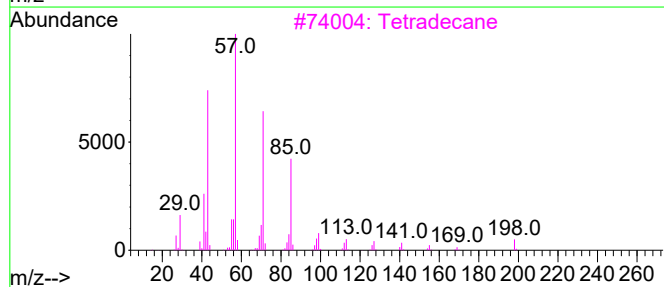
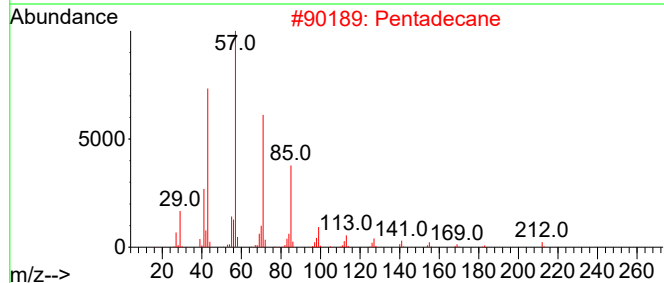
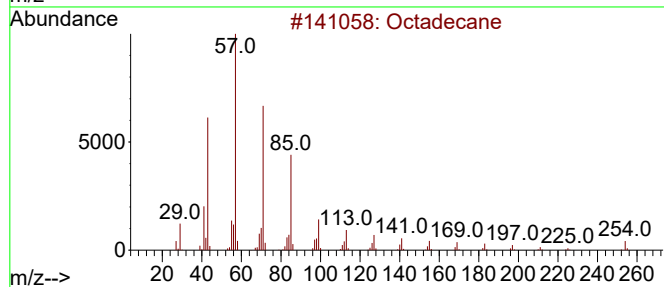
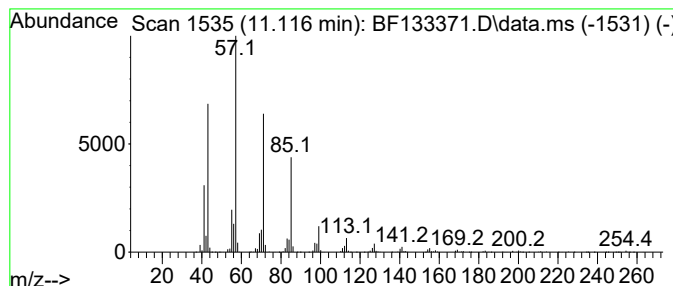
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	34.99 ng	2173800	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Pentadecane	212	C15H32	000629-62-9	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-051123

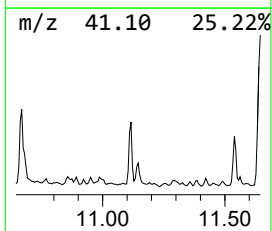
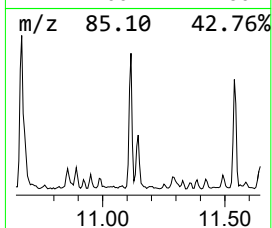
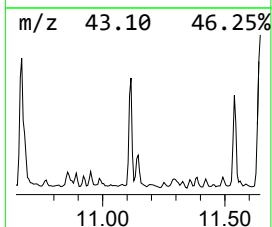
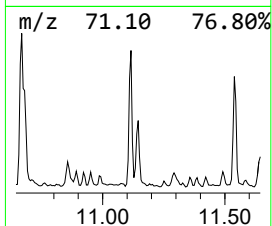
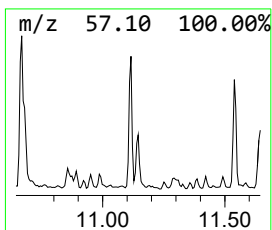
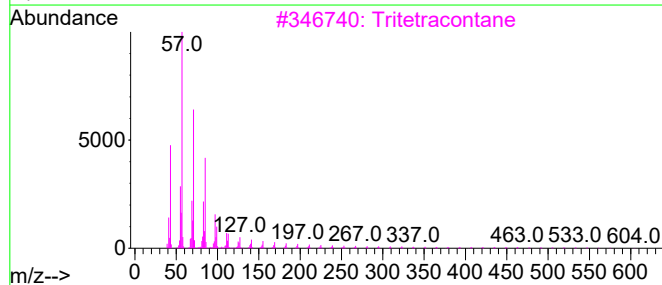
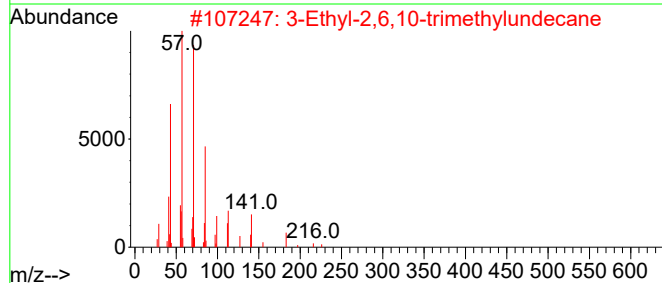
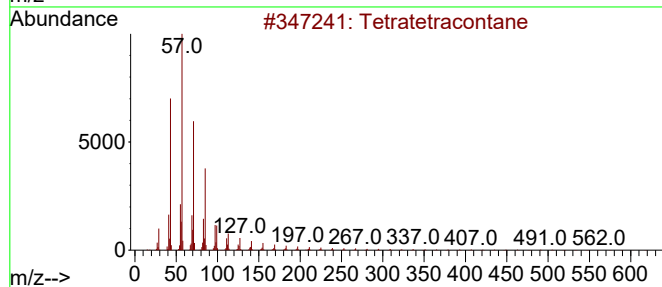
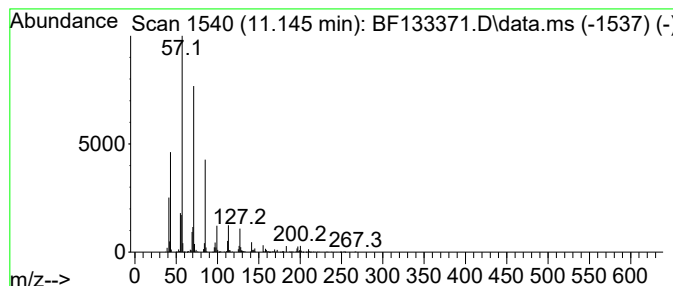
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	18.97 ng	1178830	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3			Tritetracontane	605	C43H88	007098-21-7	83
4			Heptadecane	240	C17H36	000629-78-7	83
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-051123

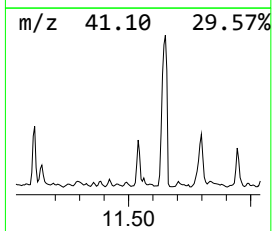
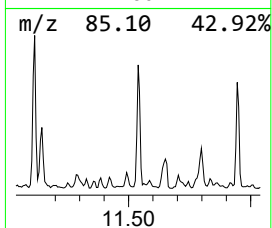
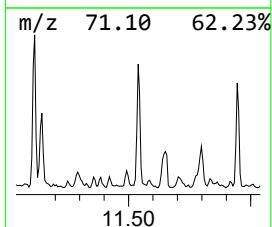
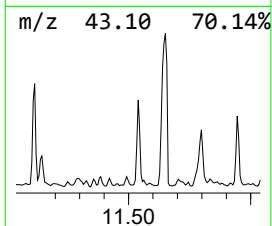
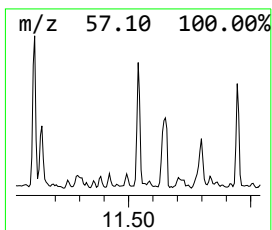
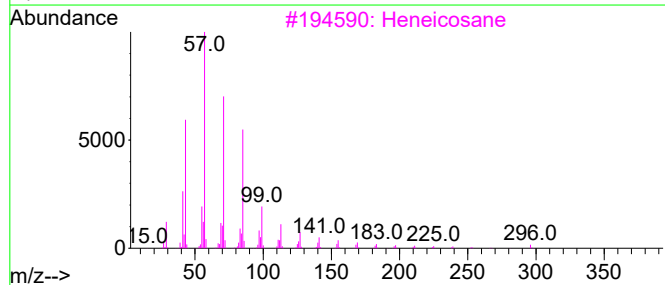
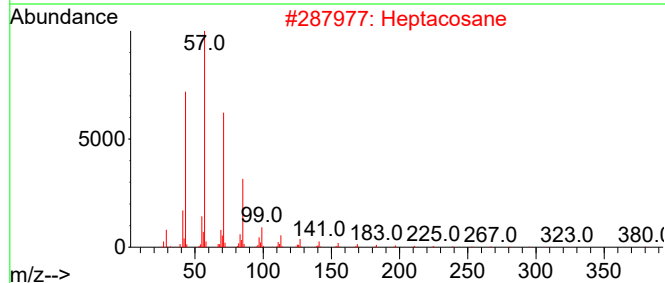
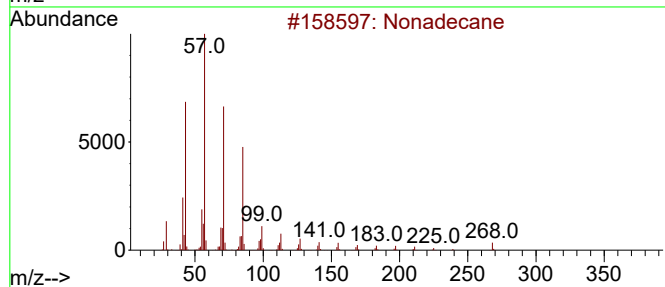
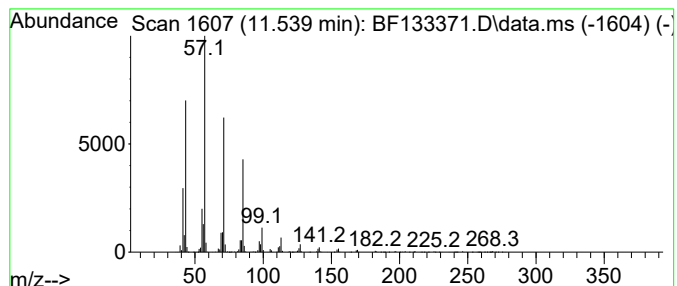
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	30.47 ng	1892890	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-051123

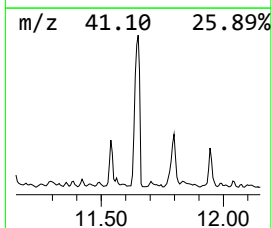
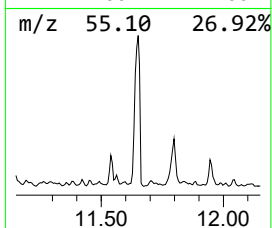
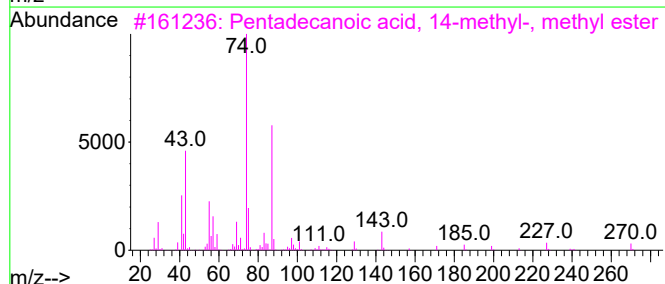
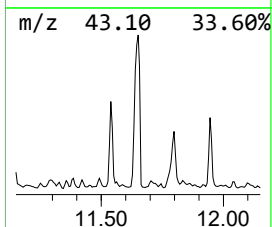
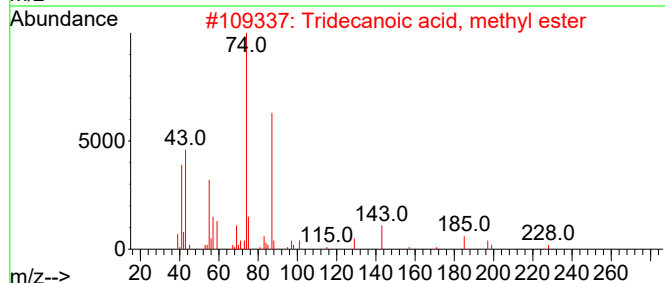
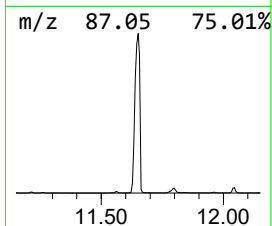
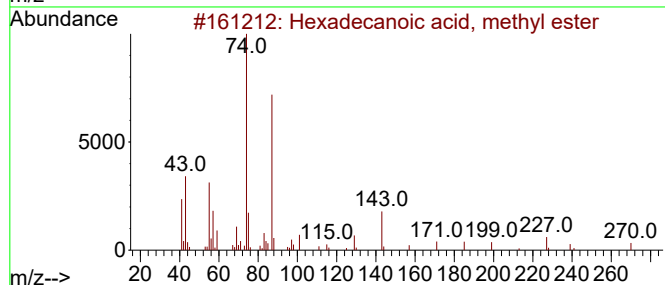
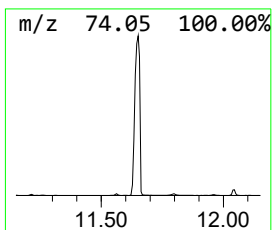
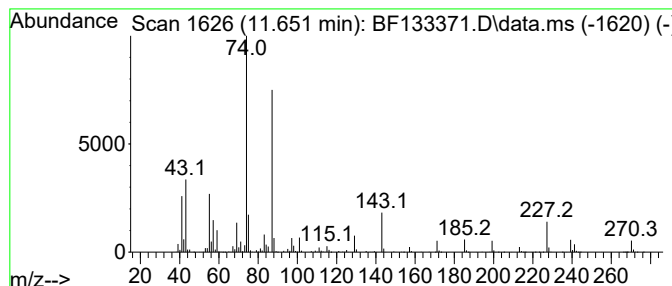
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	195.60 ng	12152700	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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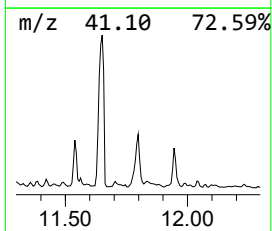
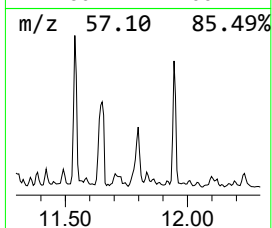
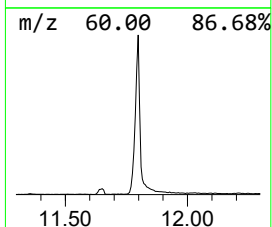
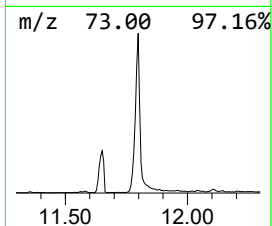
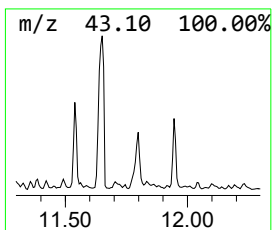
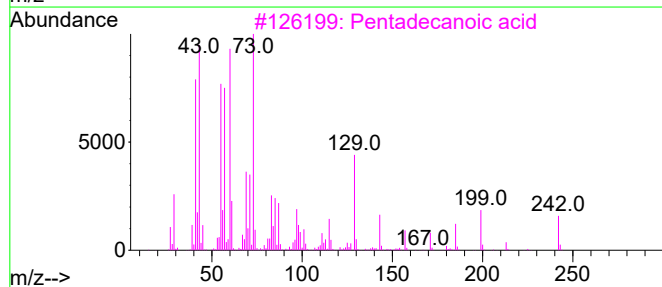
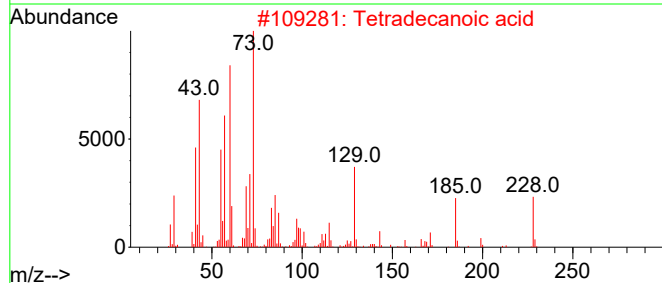
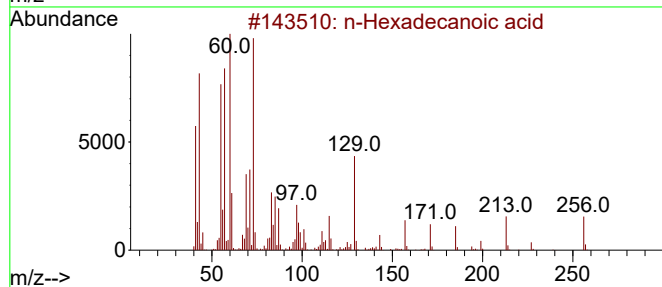
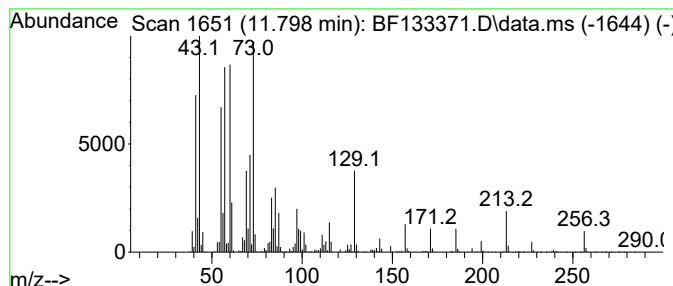
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	50.31 ng	3125650	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
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Sample : 02760-01
Misc :
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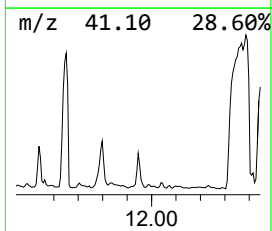
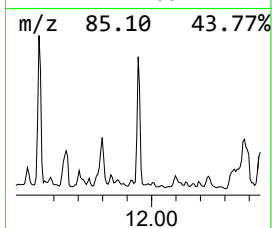
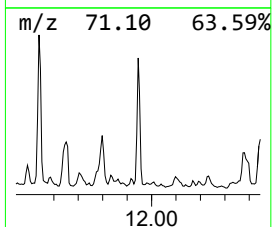
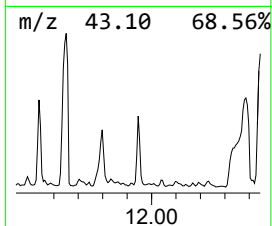
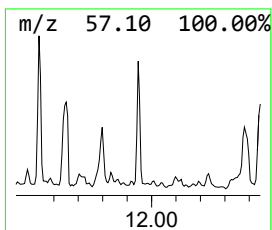
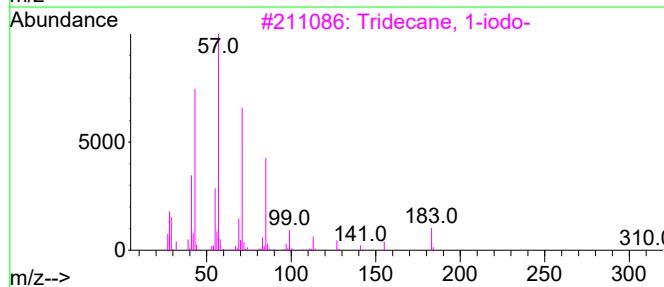
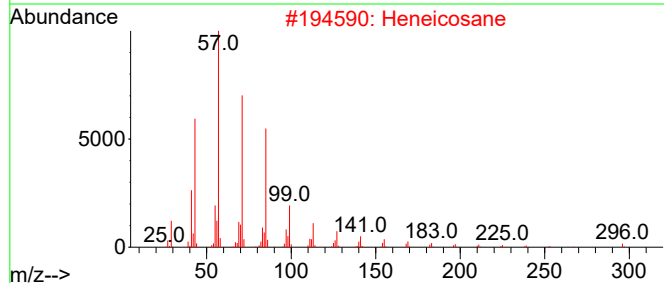
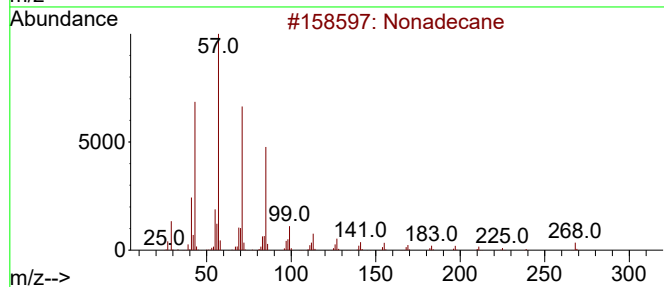
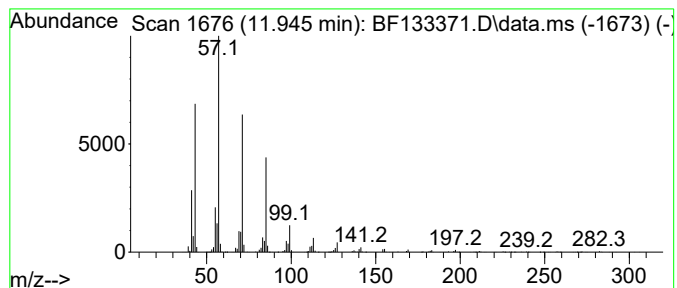
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.945	27.67 ng	1719300	Phenanthrene-d10		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Eicosane		282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
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Acq On : 12 May 2023 16:07
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Misc :
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ClientSampleId :
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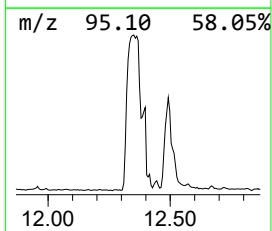
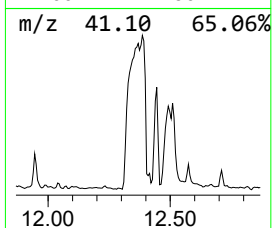
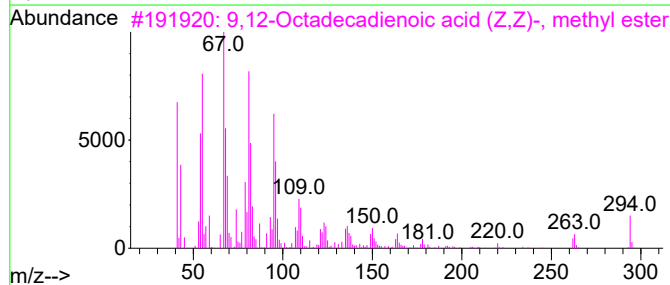
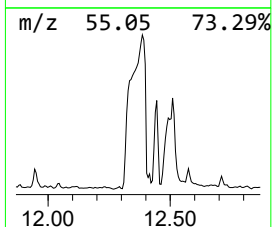
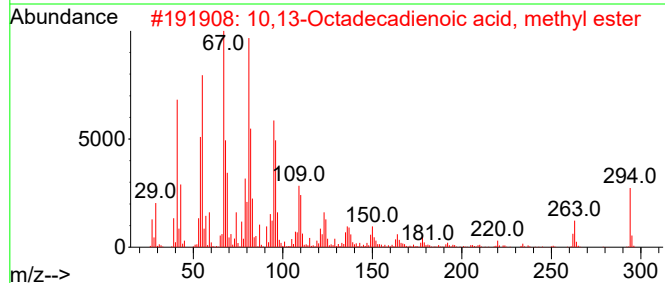
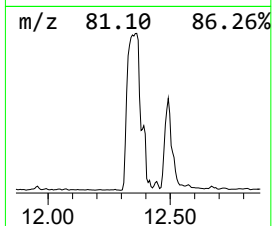
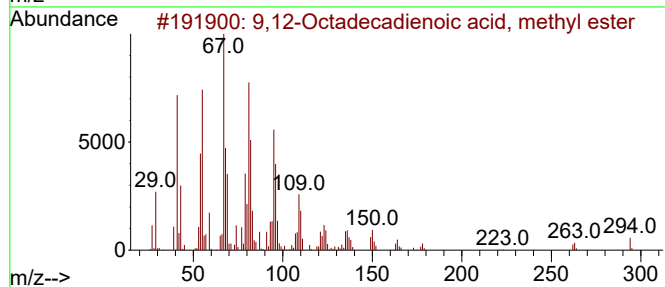
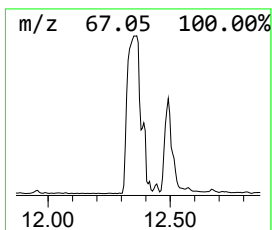
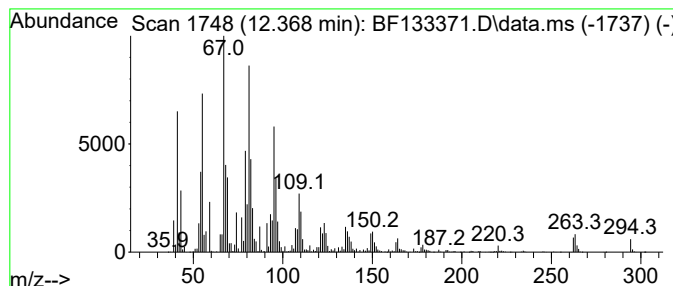
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	490.16 ng	30454200	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99		
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
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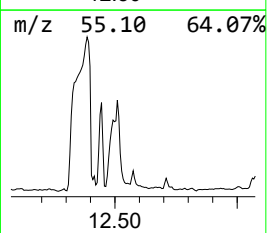
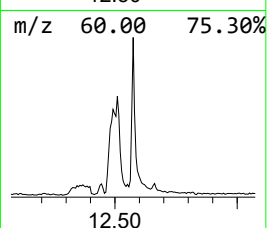
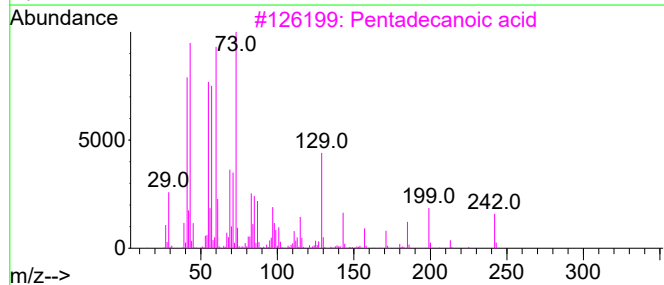
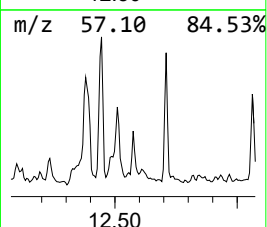
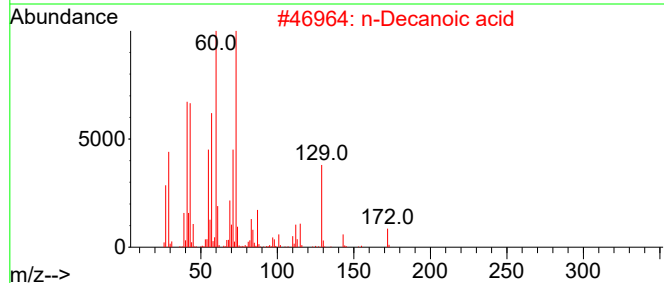
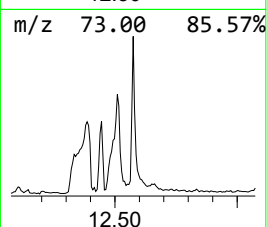
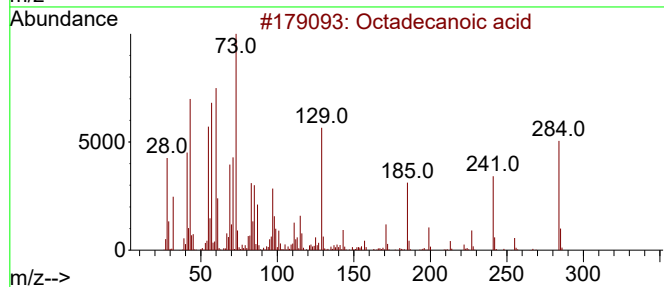
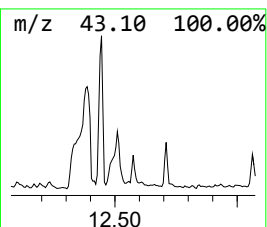
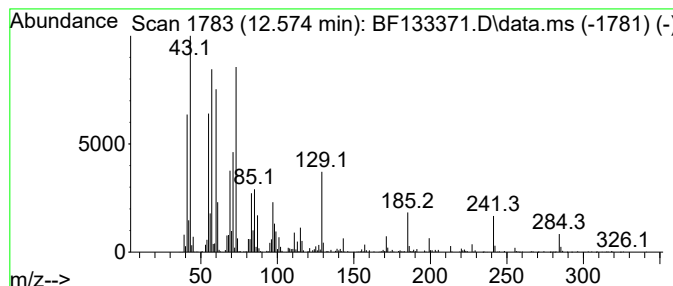
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	11.72 ng	829684	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Decanoic acid	172	C10H20O2	000334-48-5	70
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

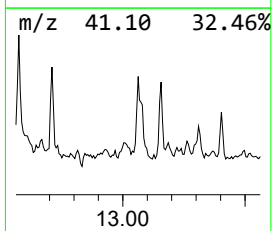
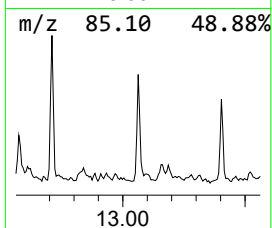
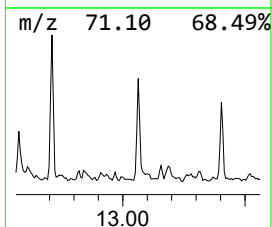
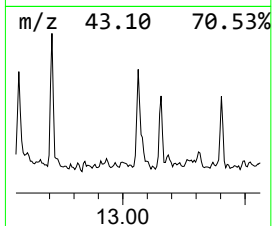
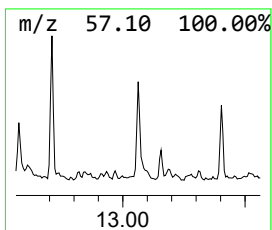
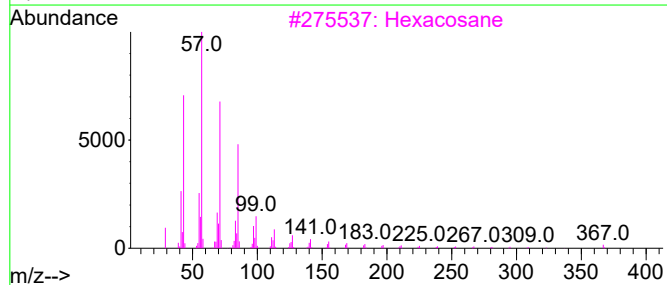
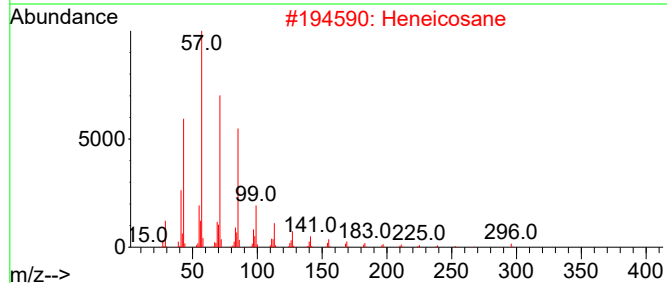
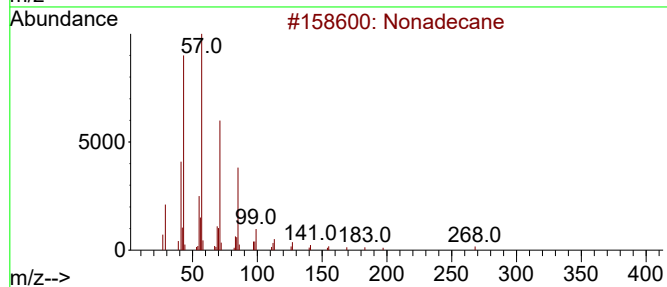
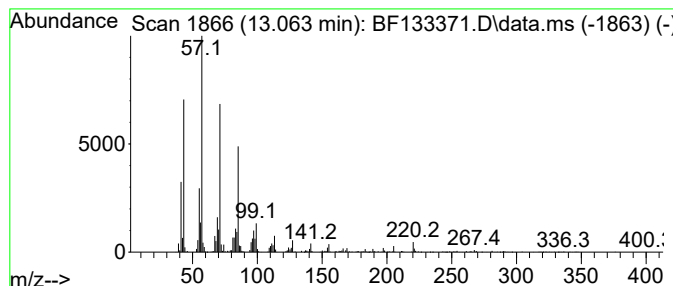
Instrument :
BNA_F
ClientSampleId :
HR-2-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.063	14.36 ng	1016290	Chrysene-d12		13.874	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	95
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexacosane		366	C26H54	000630-01-3	90
4	Tetradecane		198	C14H30	000629-59-4	87
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-051123

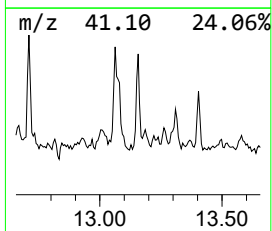
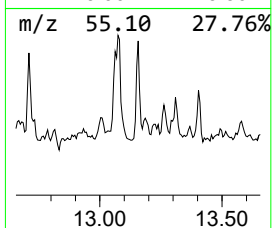
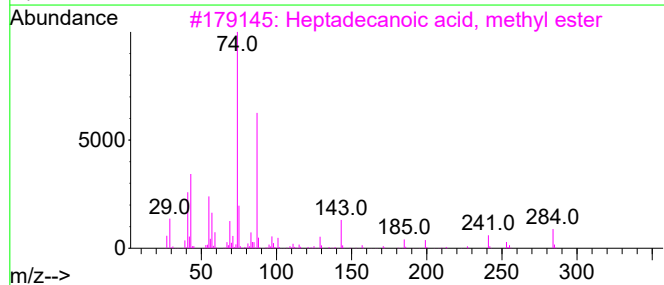
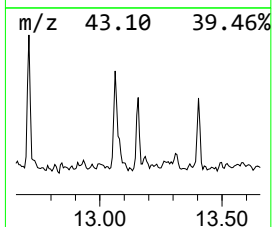
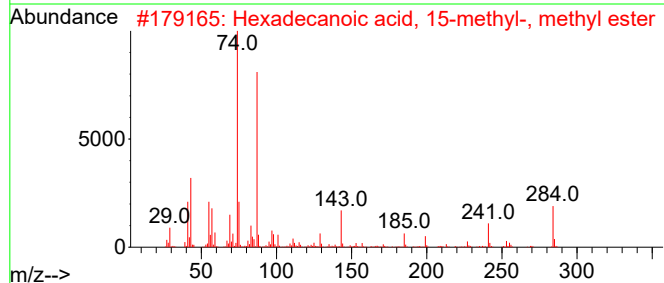
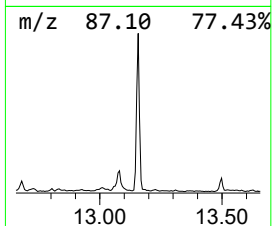
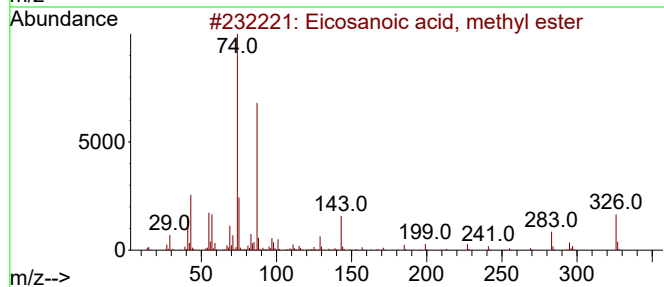
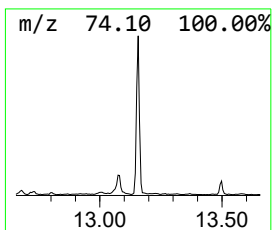
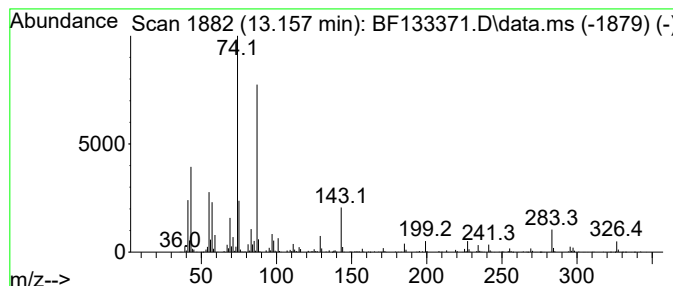
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	12.77 ng	903865	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
3			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4			Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
5			Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-051123

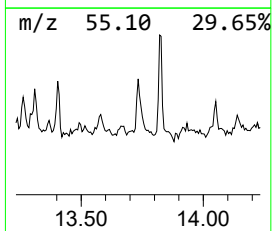
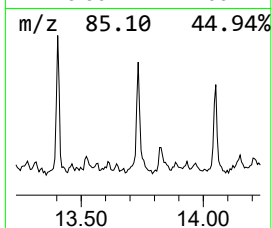
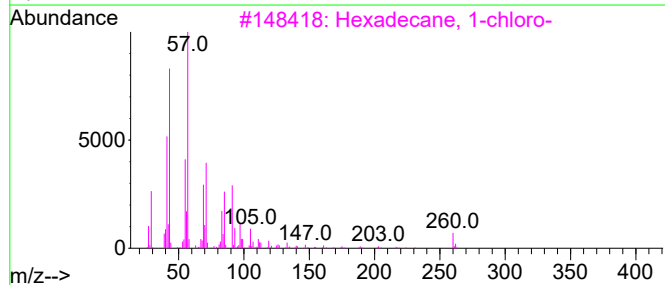
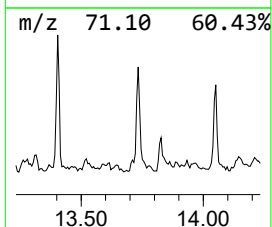
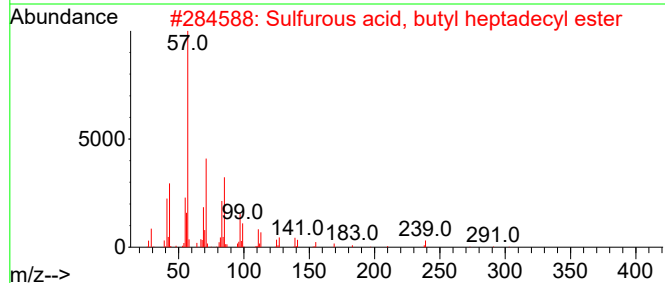
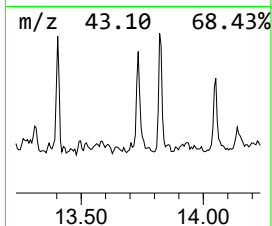
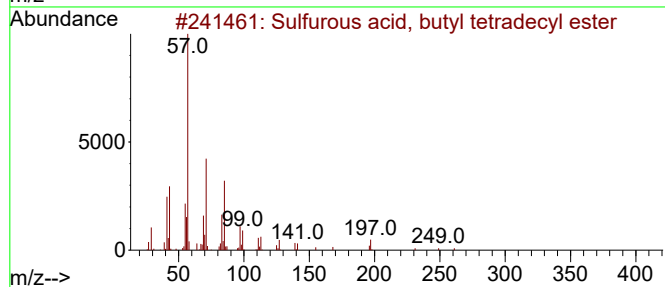
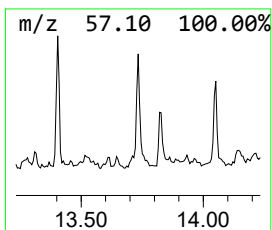
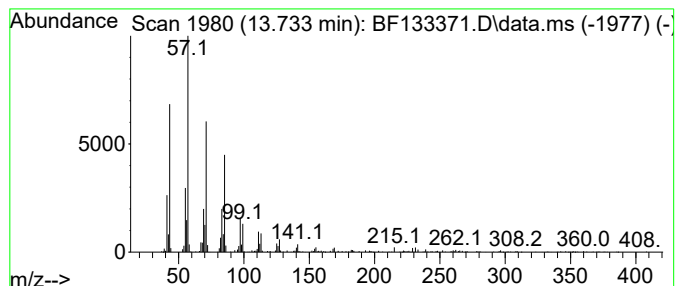
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Sulfurous acid, butyl tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	9.54 ng	675579	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	91
2			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
4			10-Methylnonadecane	282	C20H42	056862-62-5	87
5			Docosane, 9-butyl-	366	C26H54	055282-14-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133371.D
Acq On : 12 May 2023 16:07
Operator : CG\JU
Sample : 02760-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-051123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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-...	4.904	37.8	ng	2193460	1	6.716	1160040	20.0
Tridecane	8.604	12.3	ng	1743270	2	8.004	2834060	20.0
Tetradecane	9.169	28.7	ng	2278580	3	9.757	1589170	20.0
2,6,10-Trimethy...	9.486	18.9	ng	1498370	3	9.757	1589170	20.0
Nonadecane	9.698	31.5	ng	2505090	3	9.757	1589170	20.0
unknown9.933	9.933	9.3	ng	738981	3	9.757	1589170	20.0
Hexadecane	10.198	33.6	ng	2668320	3	9.757	1589170	20.0
Heptacosane	10.416	20.0	ng	1591950	3	9.757	1589170	20.0
Heptadecane	10.669	59.3	ng	3684020	4	11.239	1242630	20.0
Octadecane	11.116	35.0	ng	2173800	4	11.239	1242630	20.0
Tetratetracontane	11.145	19.0	ng	1178830	4	11.239	1242630	20.0
Heneicosane	11.539	30.5	ng	1892890	4	11.239	1242630	20.0
Hexadecanoic ac...	11.651	195.6	ng	12152700	4	11.239	1242630	20.0
n-Hexadecanoic ...	11.798	50.3	ng	3125650	4	11.239	1242630	20.0
Tridecane, 1-iodo-	11.945	27.7	ng	1719300	4	11.239	1242630	20.0
9,12-Octadecadi...	12.368	490.2	ng	30454200	4	11.239	1242630	20.0
Octadecanoic acid	12.574	11.7	ng	829684	5	13.874	1415860	20.0
Hexacosane	13.063	14.4	ng	1016290	5	13.874	1415860	20.0
Eicosanoic acid...	13.157	12.8	ng	903865	5	13.874	1415860	20.0
Sulfurous acid,...	13.733	9.5	ng	675579	5	13.874	1415860	20.0