

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133769.D
 Acq On : 15 Jun 2023 11:54
 Operator : CG\JU
 Sample : 03152-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RE137-CARBON-20230609

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-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133769.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	6	9	10	rBV3	22177	20122	1.14%	0.113%
2	2.163	10	13	19	rVB	31985	46536	2.63%	0.262%
3	2.422	47	57	63	rBV	754519	1106926	62.51%	6.222%
4	2.481	63	67	73	rVB	19801	28628	1.62%	0.161%
5	2.675	94	100	105	rBV2	24013	36085	2.04%	0.203%
6	3.869	298	303	317	rBV	46009	86401	4.88%	0.486%
7	4.098	335	342	347	rBV	1382174	1770853	100.00%	9.953%
8	4.534	412	416	421	rBV	70123	80885	4.57%	0.455%
9	5.004	487	496	498	rBV	906824	1308643	73.90%	7.355%
10	5.045	498	503	506	rVB	116249	125196	7.07%	0.704%
11	5.210	527	531	535	rBV	33428	32771	1.85%	0.184%
12	5.440	566	570	575	rBV	723663	673750	38.05%	3.787%
13	5.698	610	614	618	rVB	31182	25535	1.44%	0.144%
14	5.757	618	624	627	rBV2	18547	25576	1.44%	0.144%
15	5.875	641	644	646	rBV	26742	23293	1.32%	0.131%
16	5.963	656	659	661	rBV2	23334	23564	1.33%	0.132%
17	5.987	661	663	667	rVV	125065	109204	6.17%	0.614%
18	6.022	667	669	673	rVB	64164	56796	3.21%	0.319%
19	6.234	700	705	708	rBV	24047	23542	1.33%	0.132%
20	6.263	708	710	713	rVB	25314	18454	1.04%	0.104%
21	6.387	725	731	734	rBV	43754	47438	2.68%	0.267%
22	6.451	738	742	745	rBV	893981	691342	39.04%	3.886%
23	6.539	754	757	759	rBV	24177	18366	1.04%	0.103%
24	6.657	772	777	780	rBV3	28145	35134	1.98%	0.197%
25	6.692	780	783	786	rVB	36337	28211	1.59%	0.159%
26	6.828	802	806	809	rBV	901311	705064	39.81%	3.963%
27	6.928	819	823	827	rVB2	32150	32878	1.86%	0.185%
28	7.004	832	836	839	rVB3	18347	19907	1.12%	0.112%
29	7.386	895	901	904	rBV	658026	520558	29.40%	2.926%
30	7.498	917	920	923	rBV2	23794	28788	1.63%	0.162%
31	7.533	923	926	929	rVB	249690	178067	10.06%	1.001%
32	7.663	943	948	950	rBV2	32437	34717	1.96%	0.195%
33	7.816	972	974	979	rVB3	21226	24486	1.38%	0.138%
34	8.110	1021	1024	1027	rBV	1134853	854983	48.28%	4.806%
35	8.169	1031	1034	1037	rBV	58375	48596	2.74%	0.273%
36	8.322	1058	1060	1064	rVB3	15786	18689	1.06%	0.105%

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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-BF060923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.516	1090	1093	1096	rBV3	26926	26650	1.50%	0.150%
38	8.545	1096	1098	1103	rVV2	17616	18838	1.06%	0.106%
39	8.622	1108	1111	1115	rVB	29569	34748	1.96%	0.195%
40	8.992	1168	1174	1176	rBV2	19420	31181	1.76%	0.175%
41	9.098	1188	1192	1195	rBV3	17822	18220	1.03%	0.102%
42	9.186	1203	1207	1210	rBV	1104497	865245	48.86%	4.863%
43	9.257	1217	1219	1225	rVB	20438	19426	1.10%	0.109%
44	9.322	1227	1230	1233	rVV	83527	67473	3.81%	0.379%
45	9.369	1235	1238	1244	rVB5	13228	21813	1.23%	0.123%
46	9.869	1319	1323	1326	rBV	1046481	916534	51.76%	5.151%
47	10.063	1352	1356	1362	rVB6	21833	33919	1.92%	0.191%
48	10.280	1390	1393	1399	rVB3	17207	23992	1.35%	0.135%
49	10.574	1440	1443	1447	rBV	159581	146932	8.30%	0.826%
50	10.651	1453	1456	1460	rBV	602192	509149	28.75%	2.862%
51	11.357	1572	1576	1579	rBV	1035582	858819	48.50%	4.827%
52	11.733	1633	1640	1647	rBV6	27750	78324	4.42%	0.440%
53	11.880	1658	1665	1669	rBV	344027	353595	19.97%	1.987%
54	11.916	1669	1671	1674	rVB	32737	30251	1.71%	0.170%
55	12.027	1687	1690	1693	rBV	56478	66484	3.75%	0.374%
56	12.057	1693	1695	1702	rVB2	55122	74353	4.20%	0.418%
57	12.133	1702	1708	1715	rVB2	59046	122247	6.90%	0.687%
58	12.663	1792	1798	1812	rVB	185095	281085	15.87%	1.580%
59	12.939	1841	1845	1849	rBV	961230	813497	45.94%	4.572%
60	13.339	1908	1913	1919	rBV	107088	166300	9.39%	0.935%
61	13.515	1941	1943	1950	rVB3	23604	27624	1.56%	0.155%
62	13.615	1954	1960	1966	rVB	289683	440576	24.88%	2.476%
63	13.845	1995	1999	2004	rBV2	95016	135158	7.63%	0.760%
64	13.898	2004	2008	2014	rVB	116854	164890	9.31%	0.927%
65	13.998	2019	2025	2033	rVB	682418	635509	35.89%	3.572%
66	14.374	2085	2089	2095	rVB	148031	194033	10.96%	1.091%
67	14.468	2103	2105	2108	rVB2	23220	19649	1.11%	0.110%
68	14.627	2129	2132	2134	rBV2	18007	17951	1.01%	0.101%
69	14.809	2159	2163	2169	rBV	133152	177859	10.04%	1.000%
70	15.109	2211	2214	2217	rBV3	22481	24307	1.37%	0.137%
71	15.292	2240	2245	2251	rBV	126724	196073	11.07%	1.102%
72	15.357	2253	2256	2262	rVB8	25459	40634	2.29%	0.228%
73	15.457	2268	2273	2283	rVB	532686	679291	38.36%	3.818%
74	15.839	2332	2338	2345	rBV	88971	179219	10.12%	1.007%
75	16.462	2439	2444	2453	rVB2	66732	148383	8.38%	0.834%
76	17.186	2562	2567	2576	rVB2	47771	111711	6.31%	0.628%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.039	2709	2712	2724	rVB5	41126	109750	6.20%	0.617%
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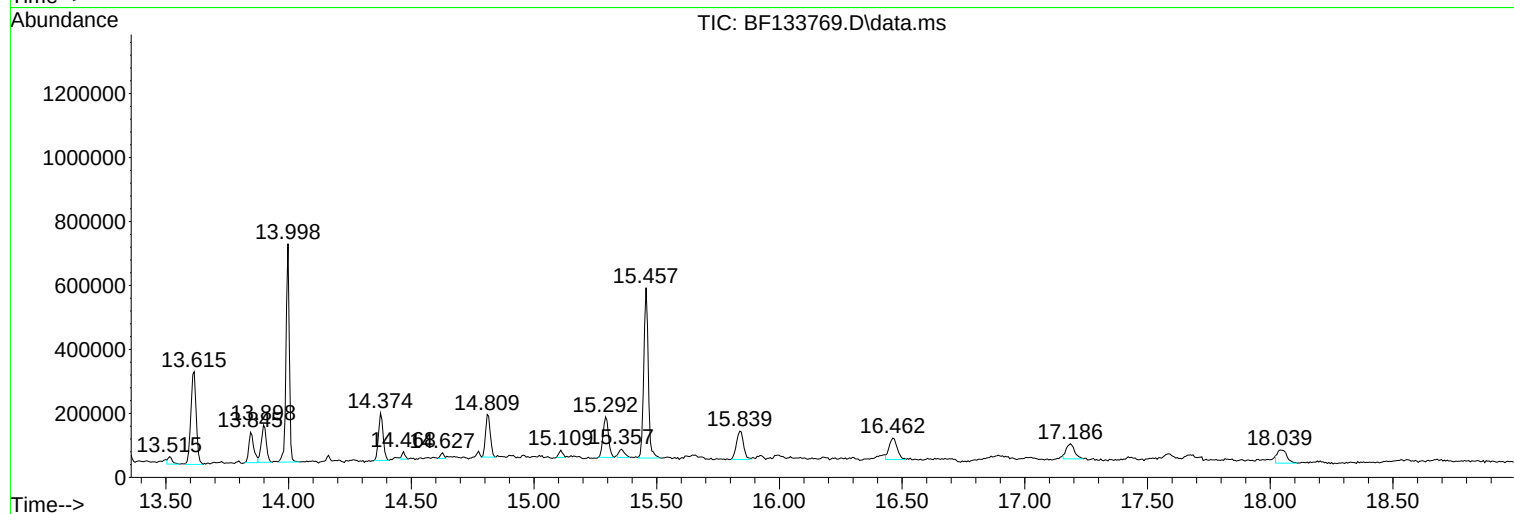
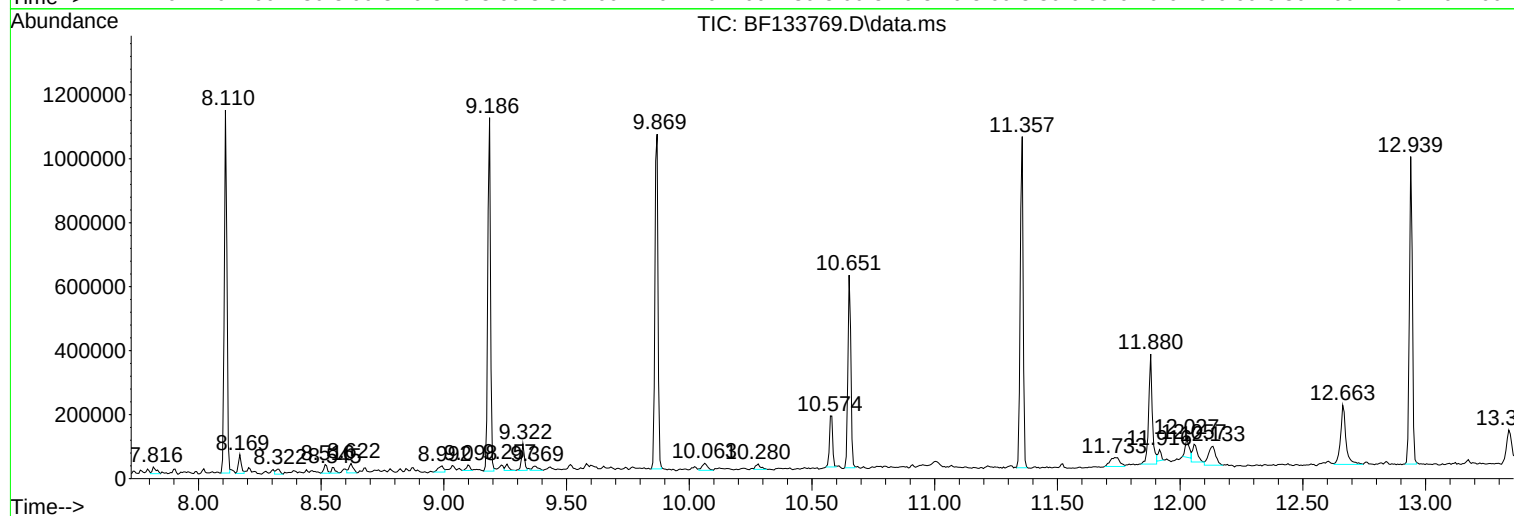
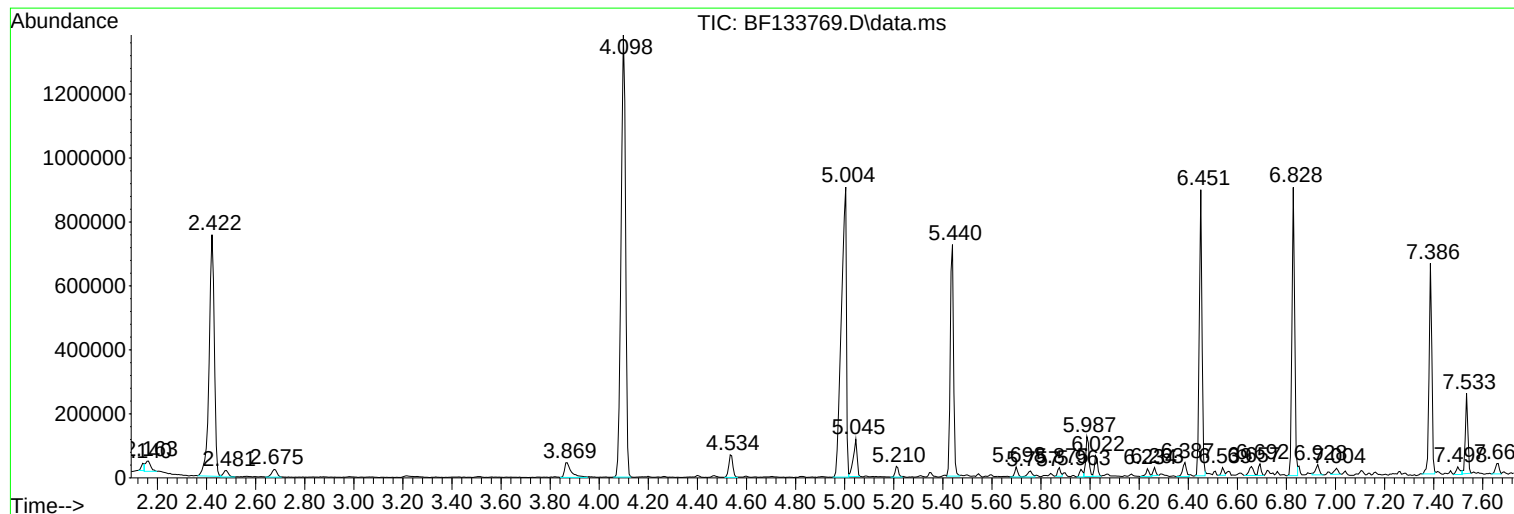
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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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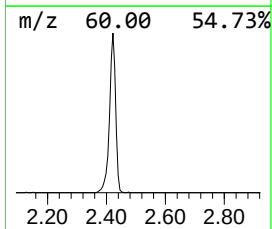
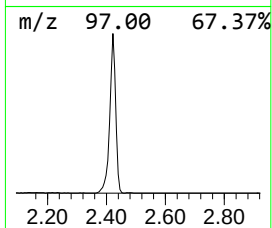
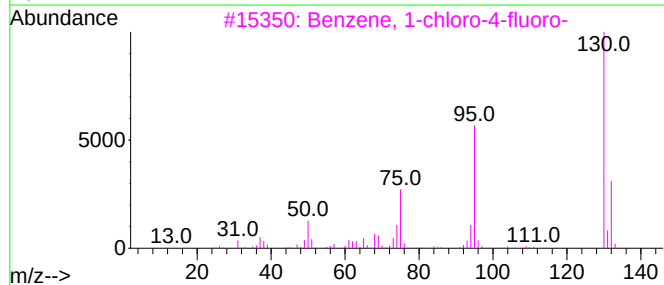
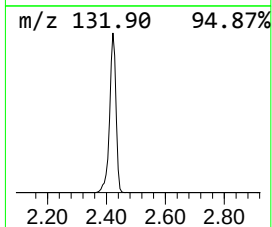
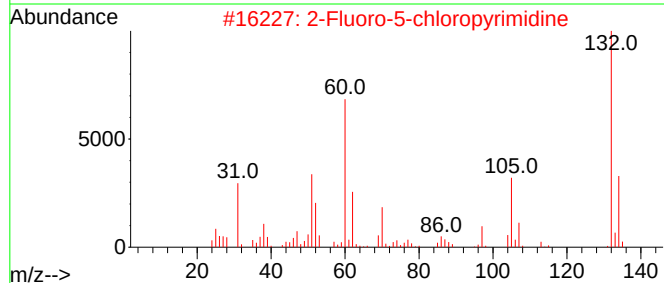
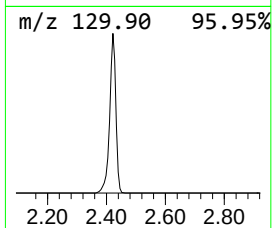
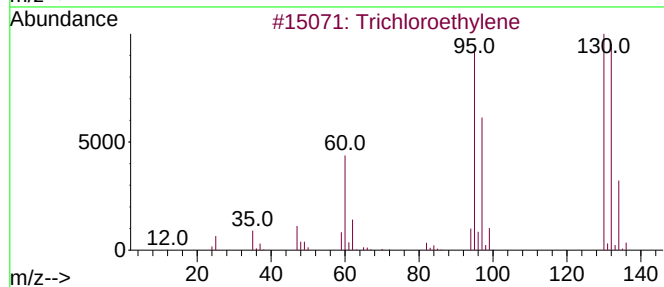
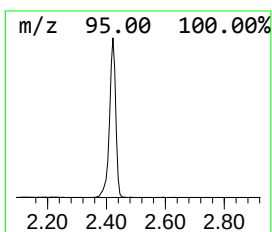
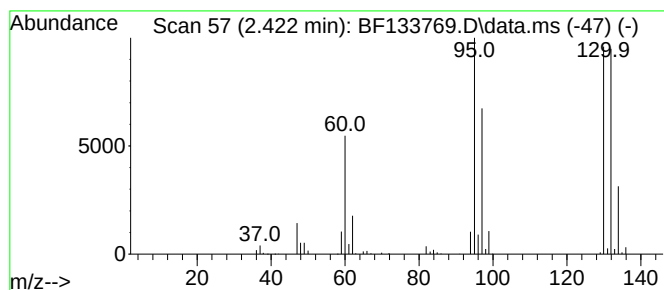
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Trichloroethylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.422	31.40 ng	1106930	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroethylene	130	C2HCl3	000079-01-6	98
2			2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	35
3			Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22
4			1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	14
5			Isoquinoline, 3,4-dihydro-	131	C9H9N	003230-65-7	12



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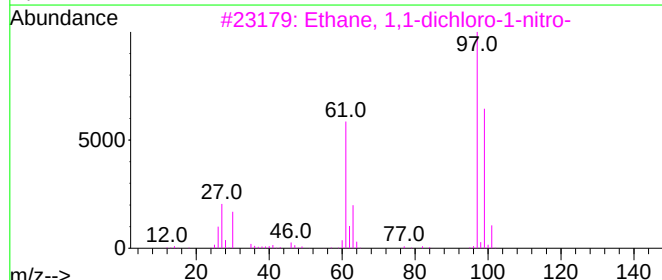
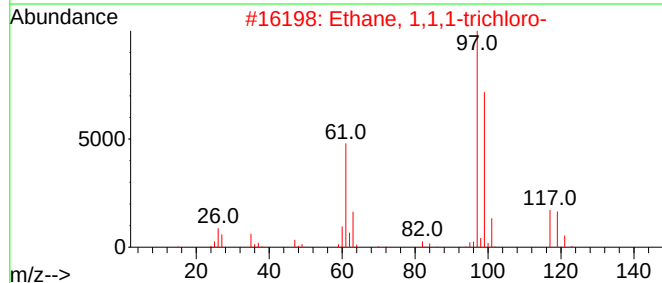
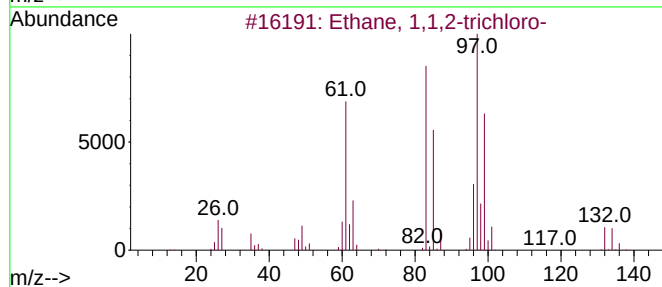
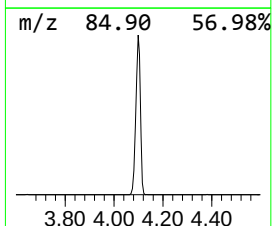
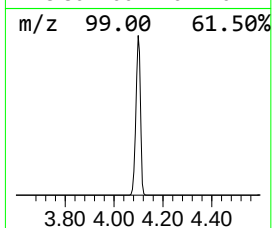
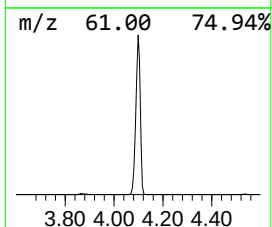
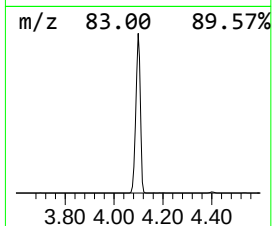
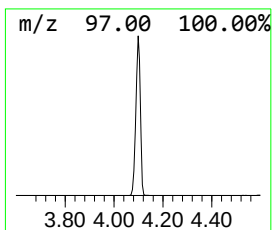
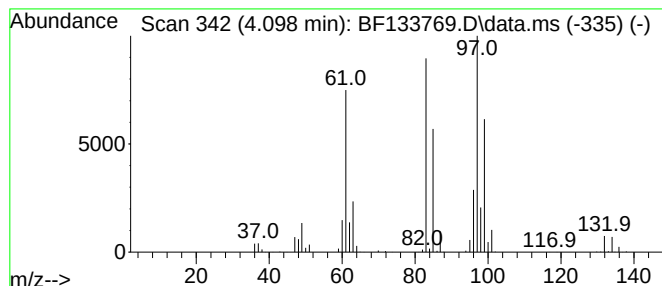
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethane, 1,1,2-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.098	50.23 ng	1770850	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	98
2			Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	47
3			Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	43
4			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	18
5			1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	18



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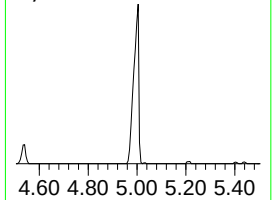
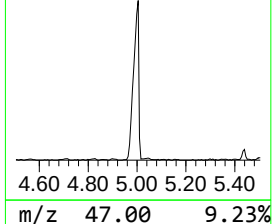
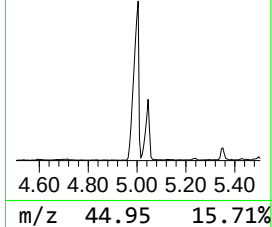
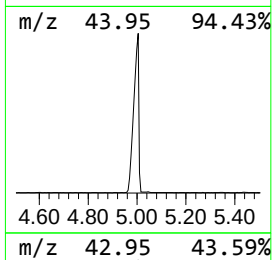
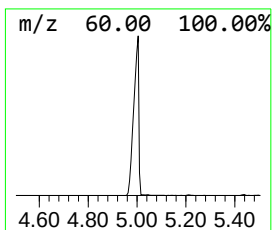
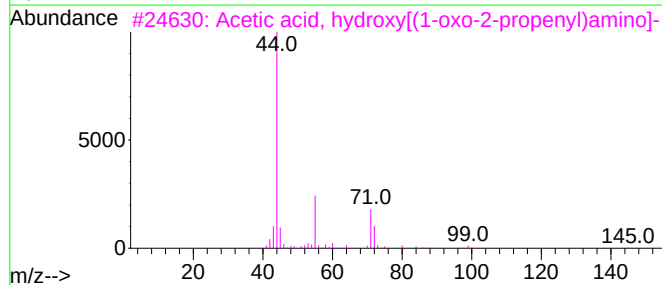
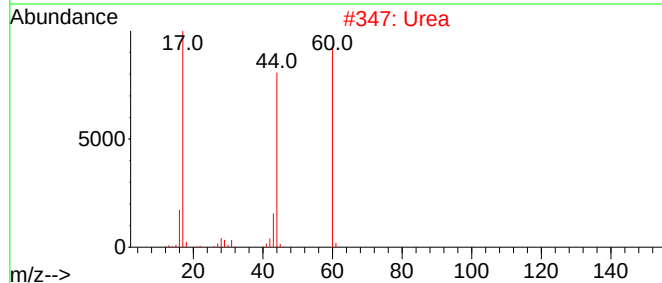
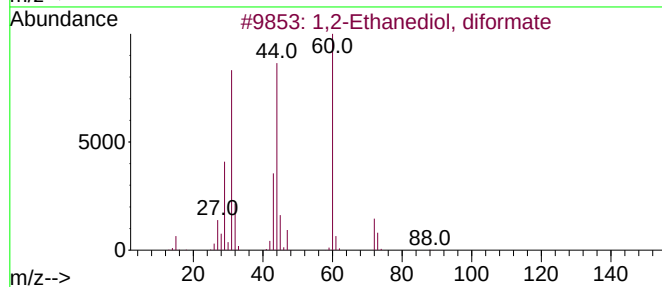
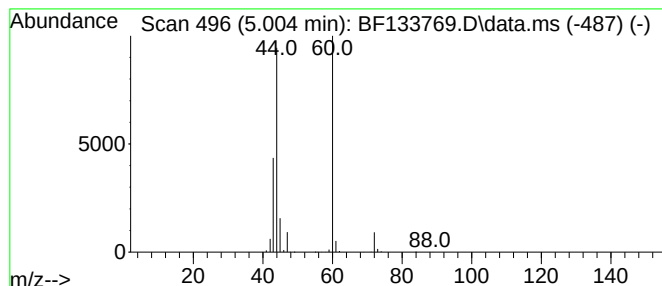
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1,2-Ethanediol, diformate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	37.12 ng	1308640	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Ethanediol, diformate	118	C4H6O4	000629-15-2	53
2			Urea	60	CH4N2O	000057-13-6	9
3			Acetic acid, hydroxy[(1-oxo-2-pr...	145	C5H7NO4	006737-24-2	9
4			Formic acid hydrazide	60	CH4N2O	000624-84-0	7
5			1,2-Propanediamine	74	C3H10N2	000078-90-0	7



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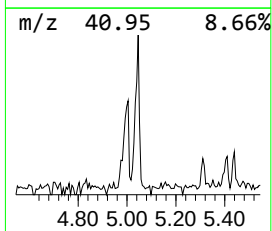
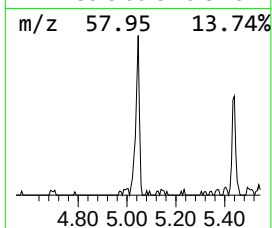
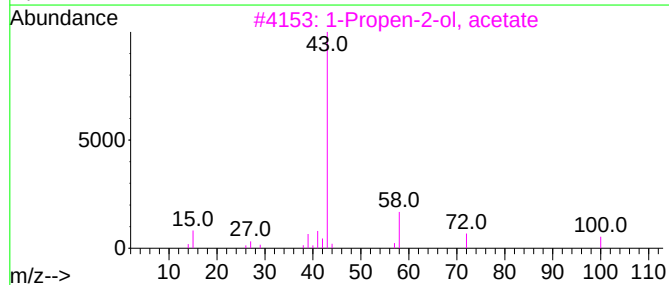
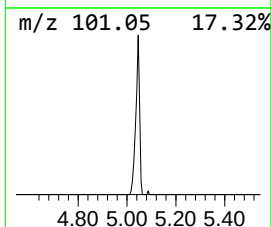
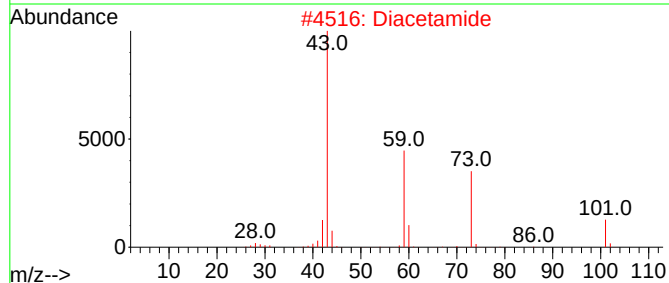
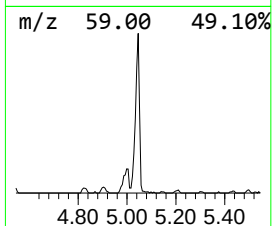
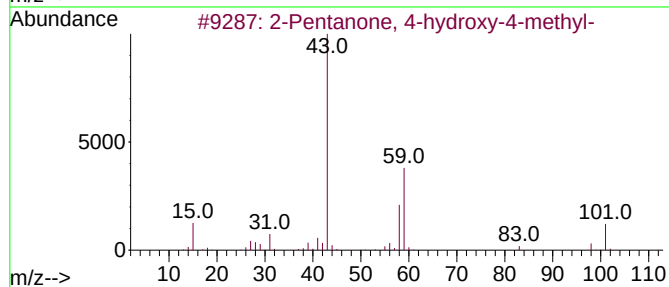
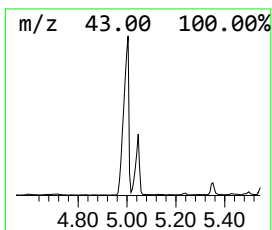
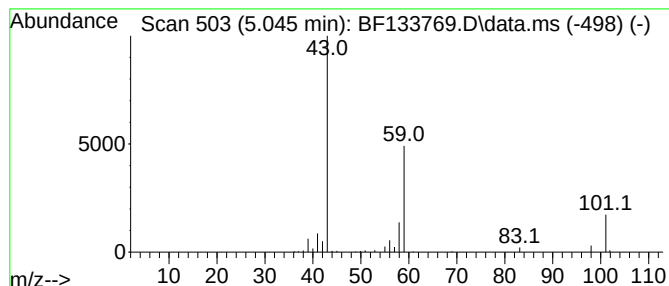
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.045	3.55 ng	125196	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Diacetamide	101	C4H7NO2	000625-77-4	9		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	5		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

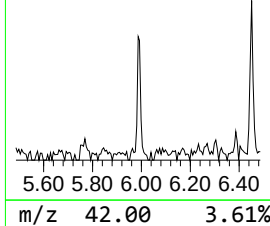
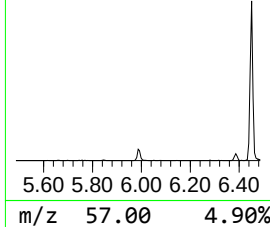
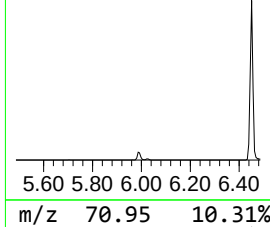
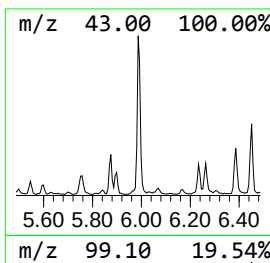
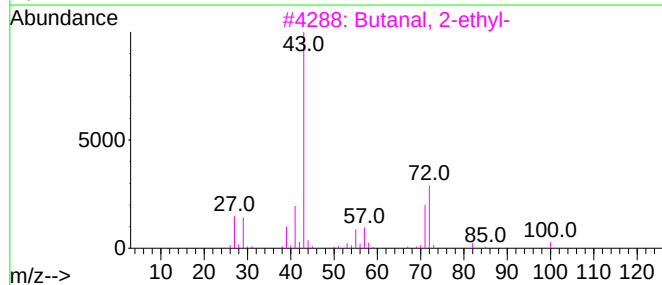
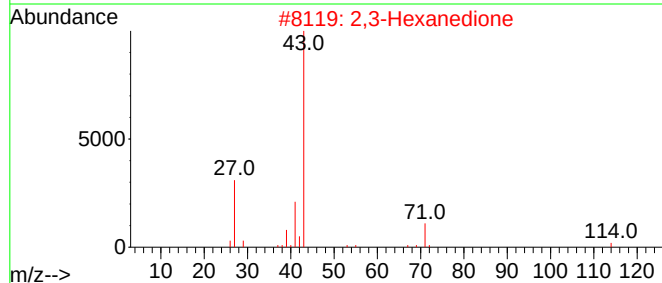
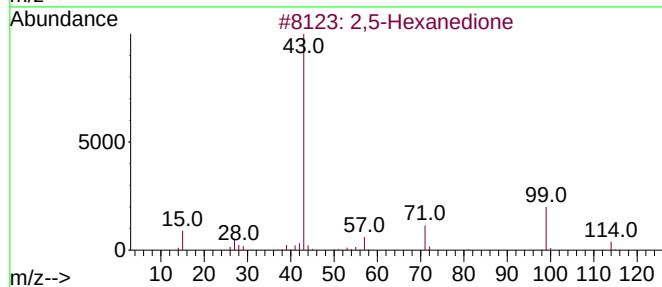
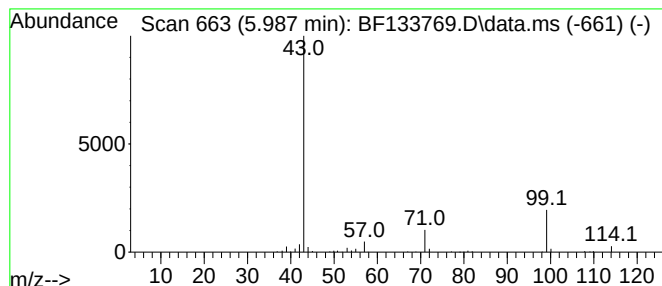
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2,5-Hexanedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.987	3.10 ng	109204	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Hexanedione	114	C6H10O2	000110-13-4	86
2			2,3-Hexanedione	114	C6H10O2	003848-24-6	37
3			Butanal, 2-ethyl-	100	C6H12O	000097-96-1	10
4			2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	9
5			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
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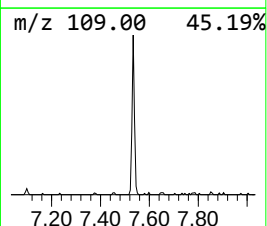
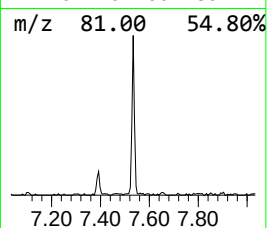
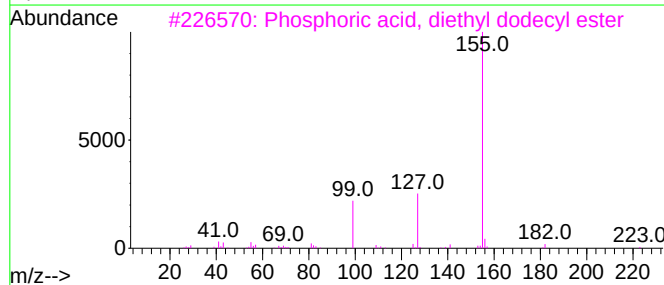
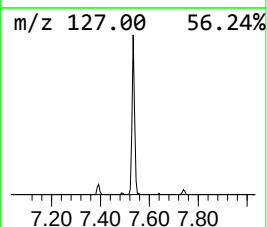
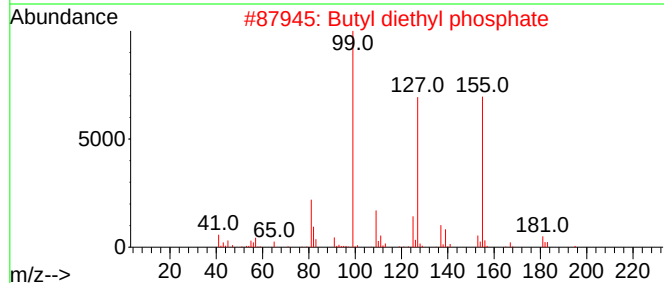
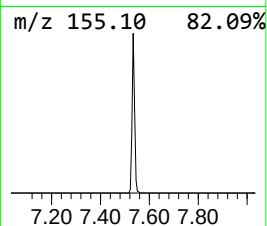
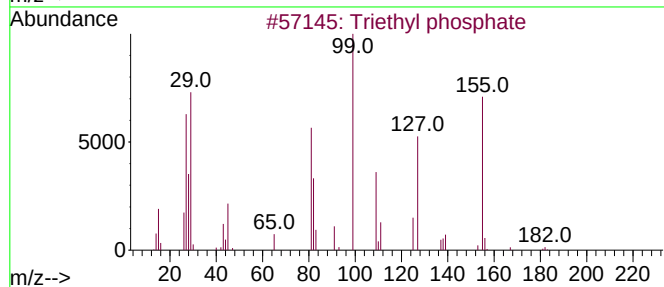
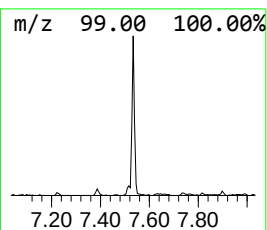
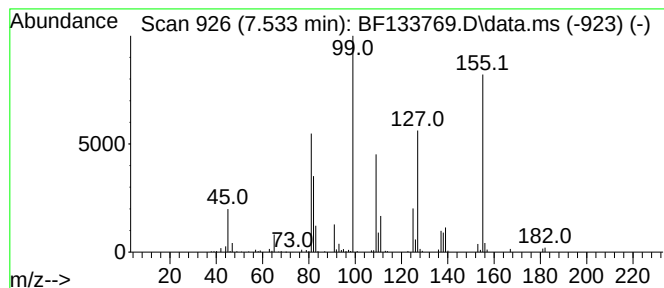
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Triethyl phosphate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.533	4.17 ng	178067	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triethyl phosphate	182	C6H15O4P	000078-40-0	94
2			Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	50
3			Phosphoric acid, diethyl dodecyl...	322	C16H35O4P	1010308-89-3	42
4			Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	38
5			Phosphoric acid, diethyl pentyl ...	224	C9H21O4P	020195-08-8	36



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
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Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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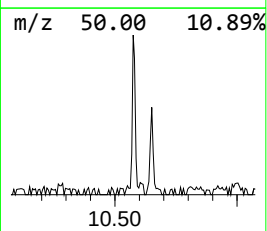
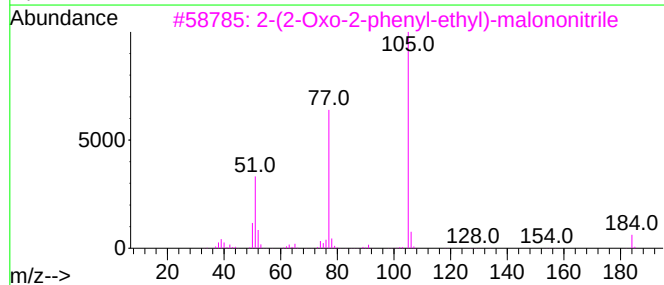
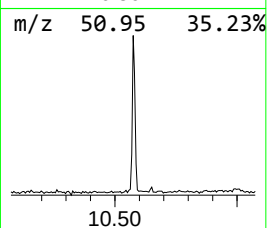
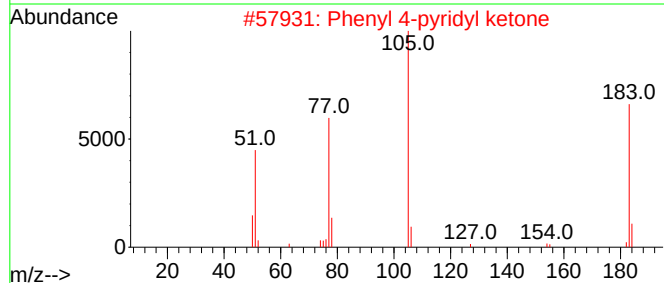
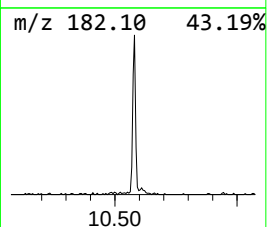
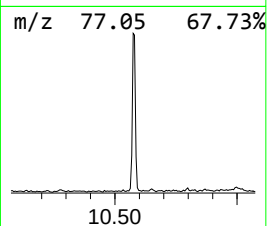
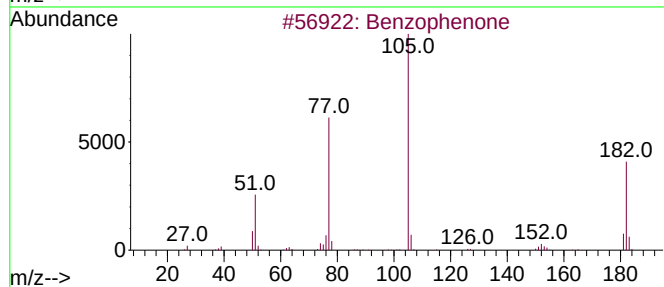
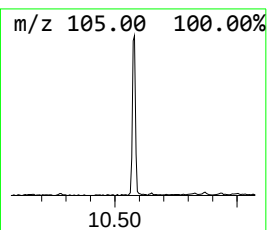
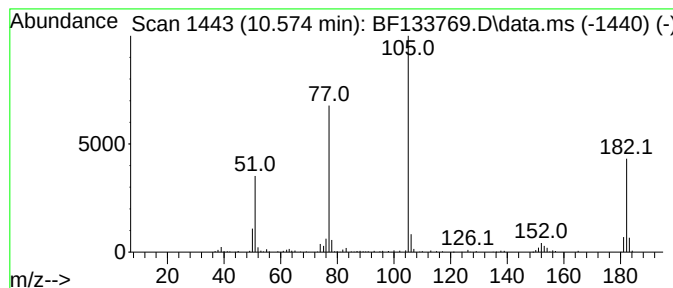
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	3.21 ng	146932	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
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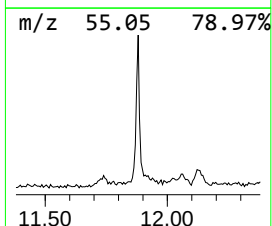
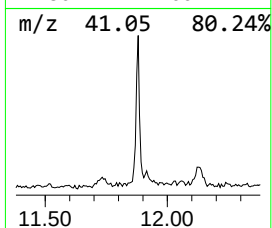
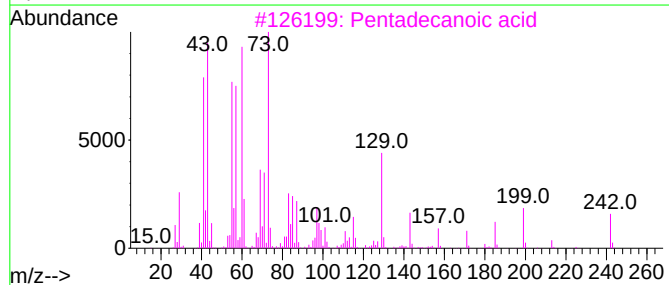
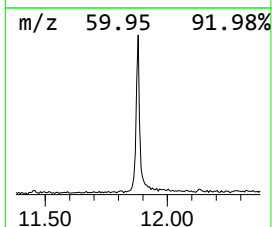
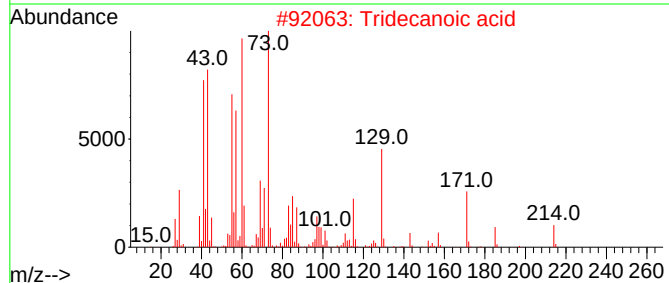
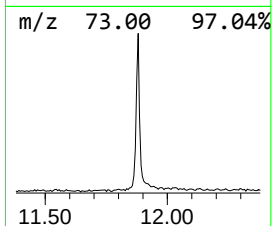
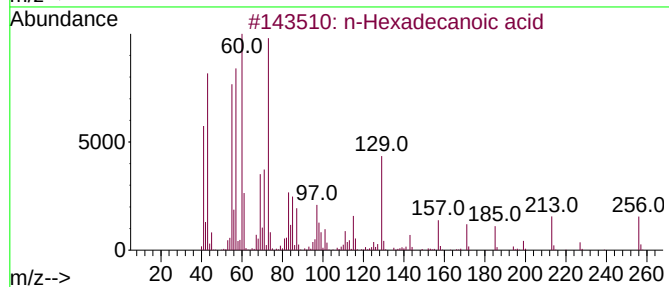
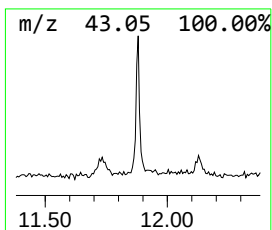
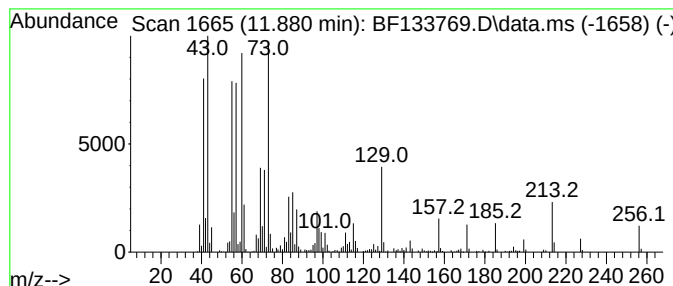
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	8.23 ng	353595	Phenanthrene-d10	11.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
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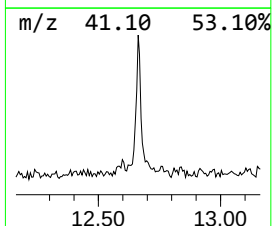
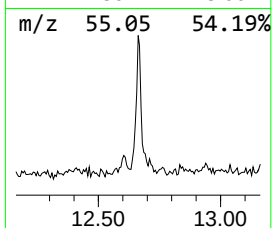
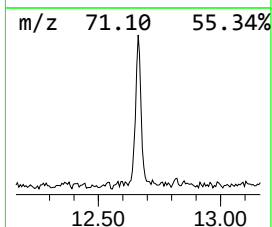
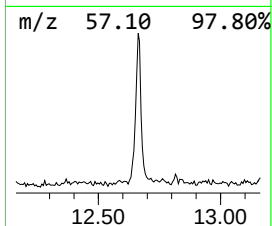
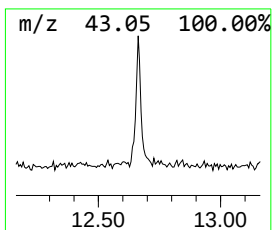
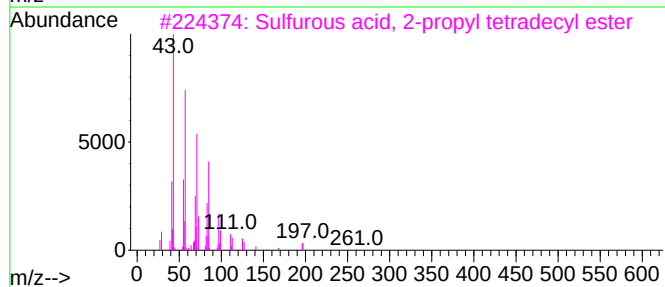
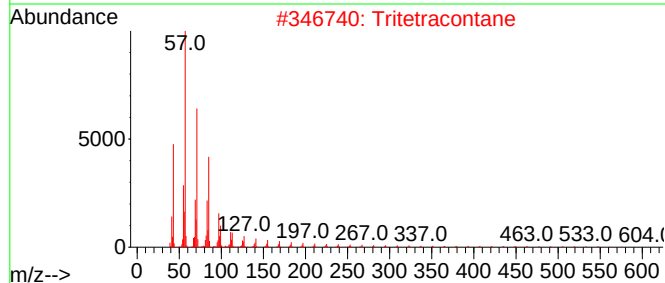
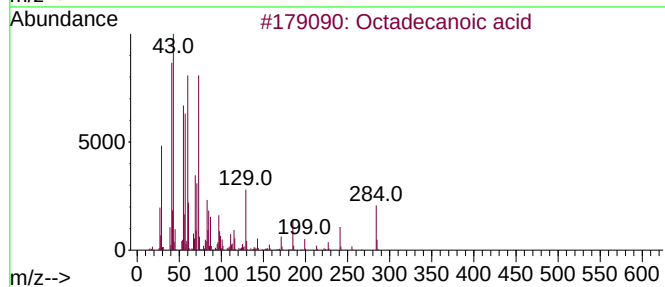
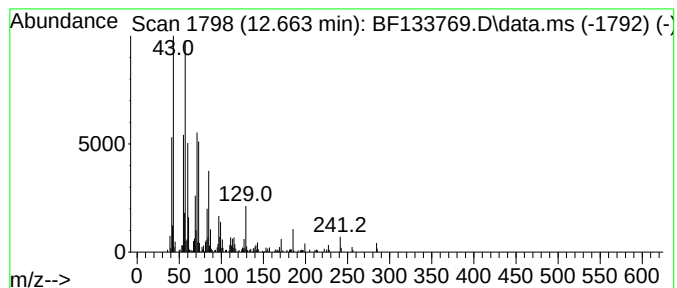
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	6.55 ng	281085	Phenanthrene-d10	11.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	60
2			Tritetracontane	605	C43H88	007098-21-7	55
3			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	55
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	55
5			Tetratetracontane	619	C44H90	007098-22-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
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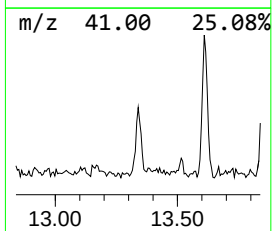
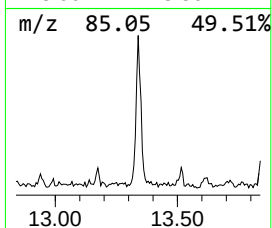
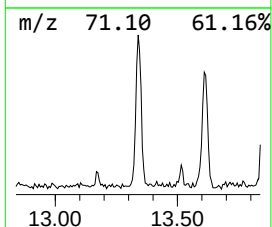
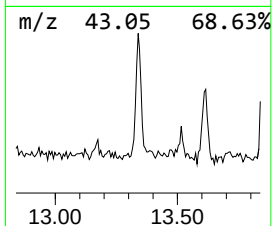
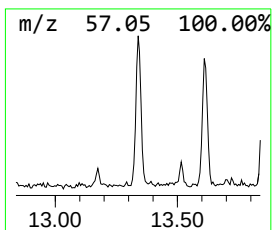
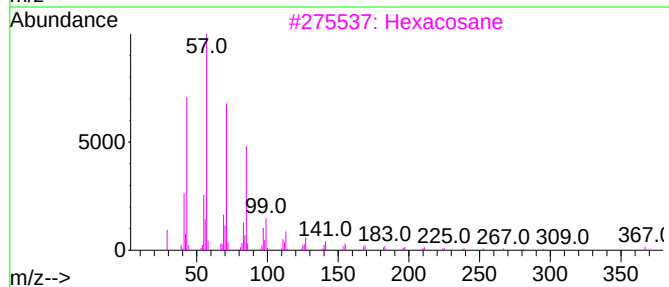
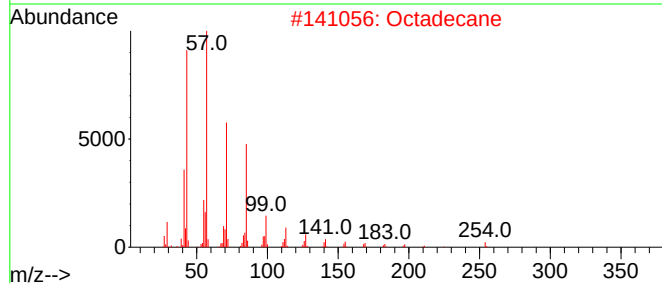
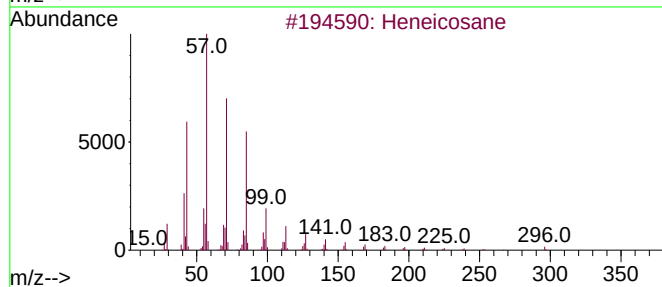
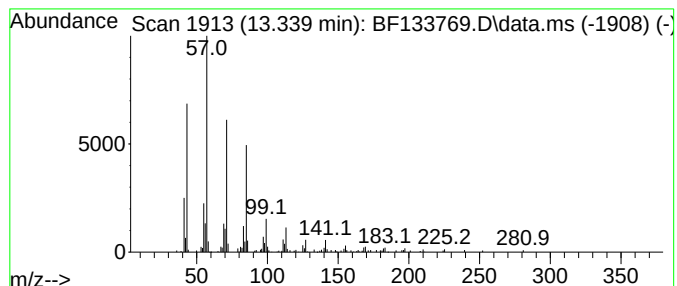
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.339	5.23 ng	166300	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
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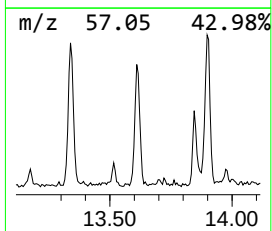
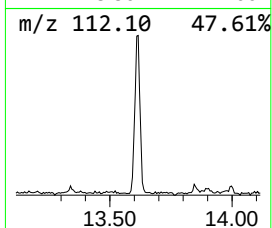
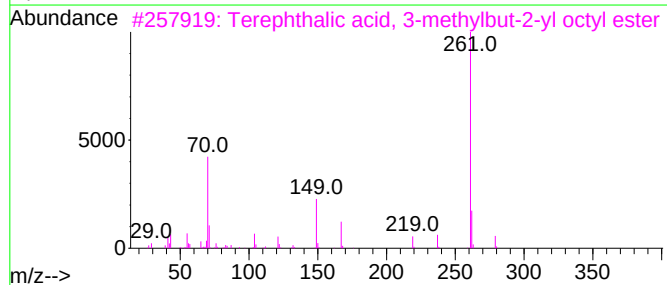
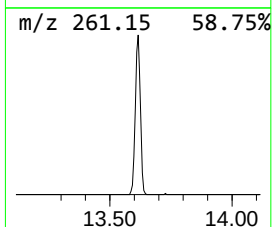
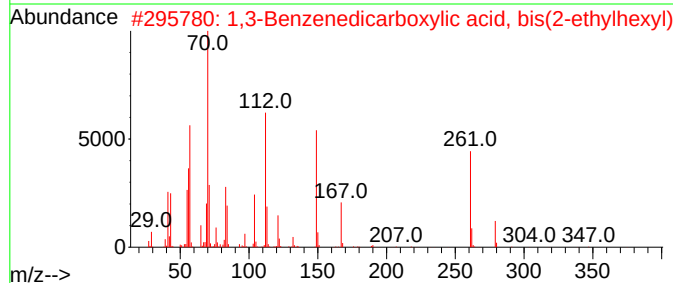
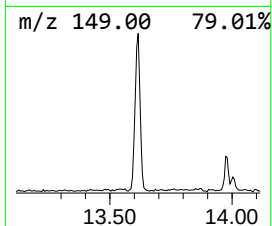
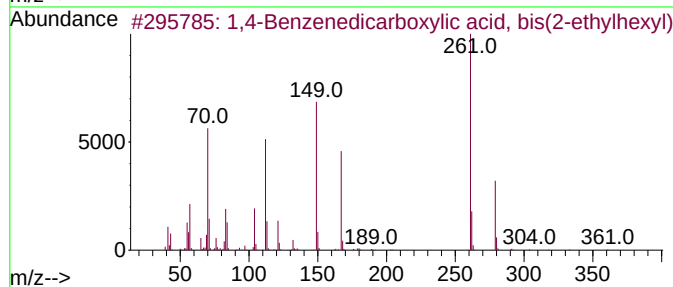
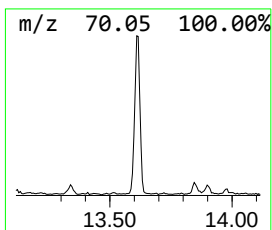
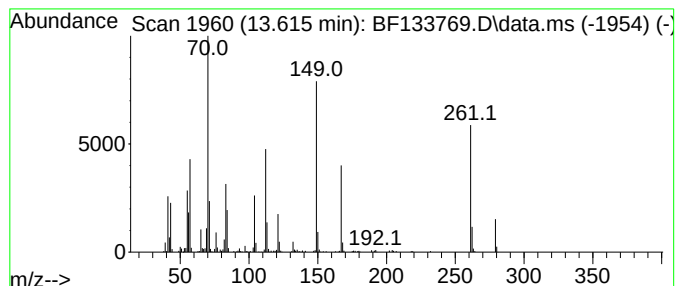
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,4-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	13.87 ng	440576	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H3804	006422-86-2	87		
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H3804	000137-89-3	68		
3	Terephthalic acid, 3-methylbut-2...	348	C21H3204	1000356-27-6	59		
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	38		
5	Terephthalic acid, 3-hexyl octyl...	362	C22H3404	1000356-23-1	30		



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Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RE137-CARBON-20230609

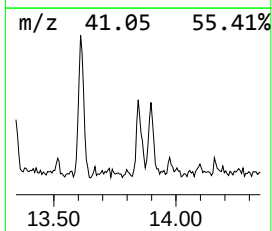
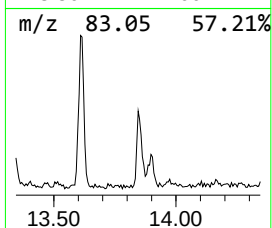
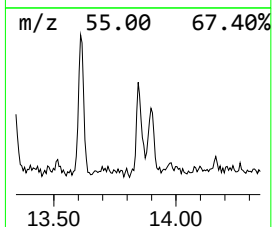
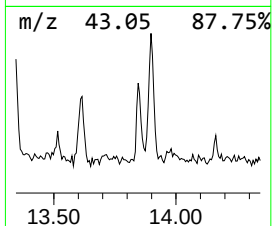
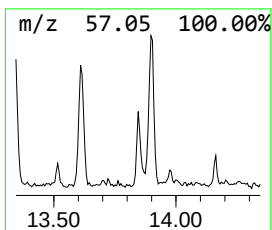
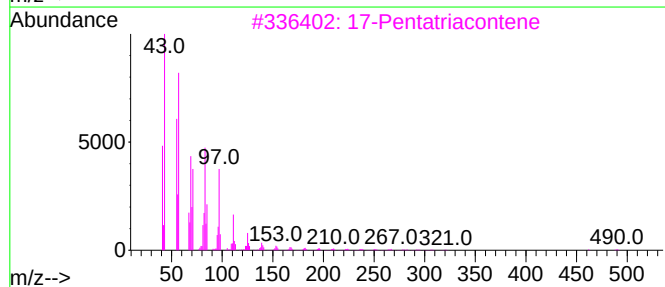
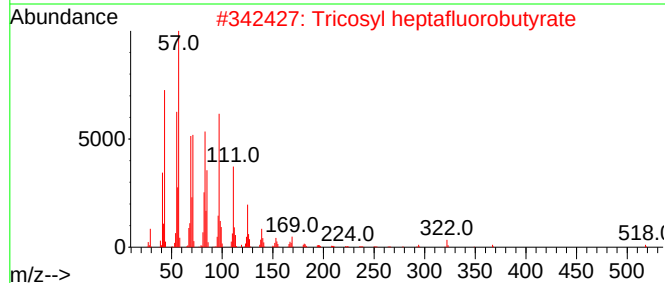
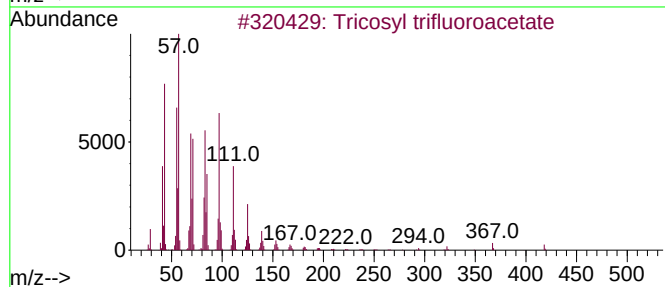
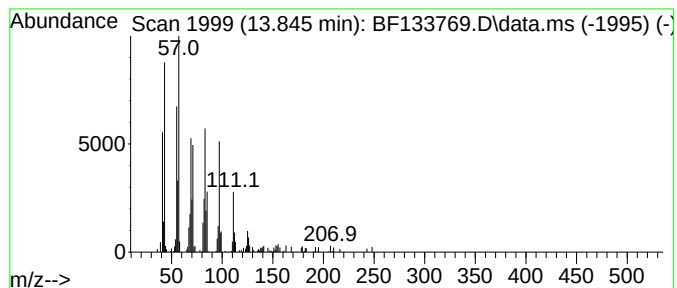
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tricosyl trifluoroacetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	4.25 ng	135158	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
2			Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
3			17-Pentatriacontene	491	C35H70	006971-40-0	90
4			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90
5			Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RE137-CARBON-20230609

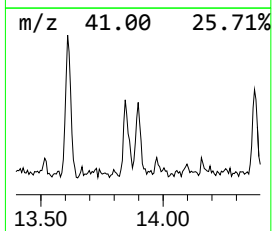
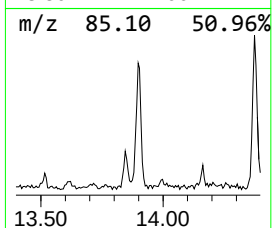
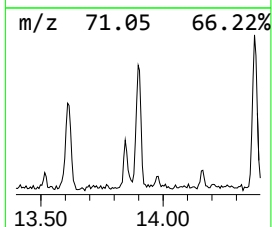
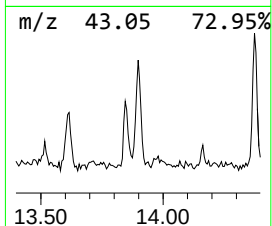
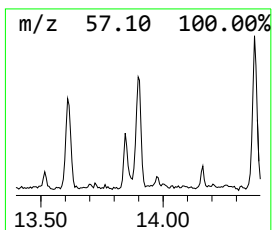
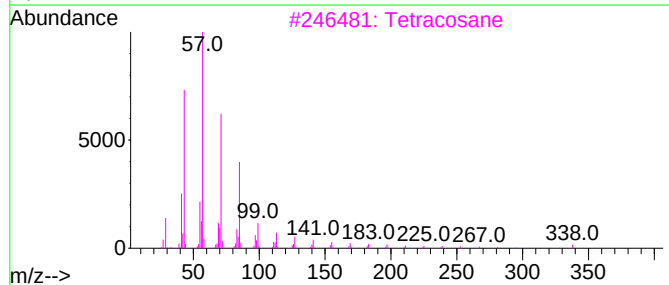
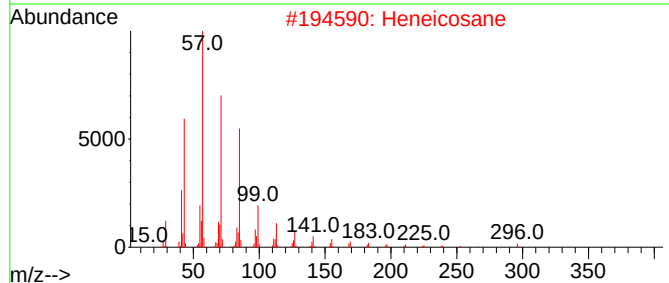
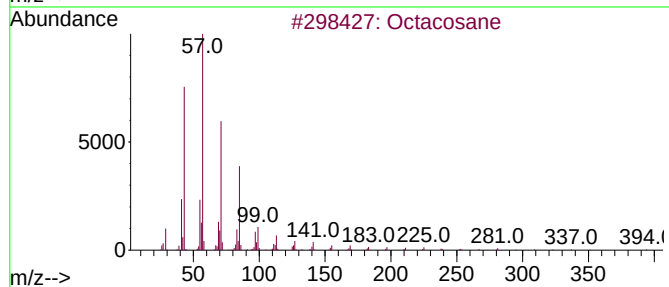
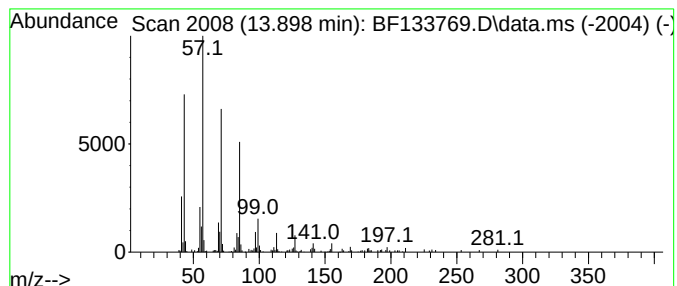
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.19 ng	164890	Chrysene-d12	13.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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RE137-CARBON-20230609

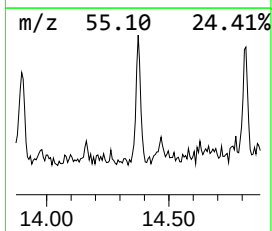
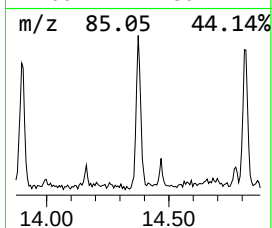
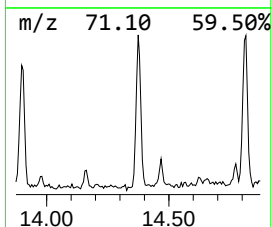
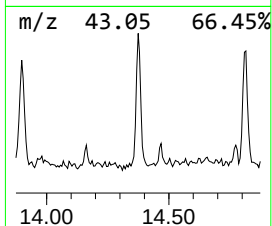
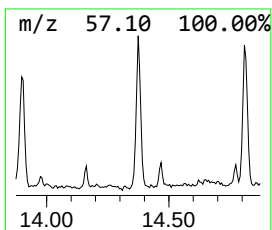
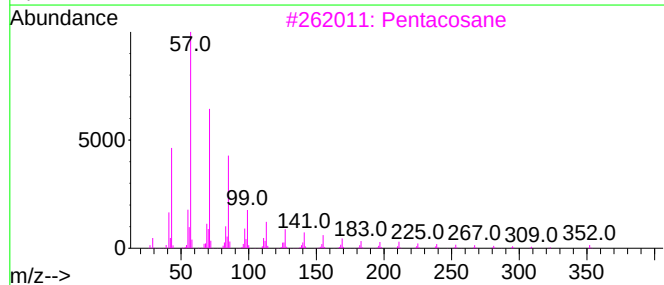
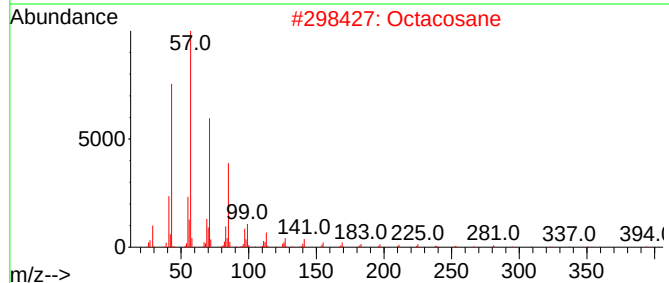
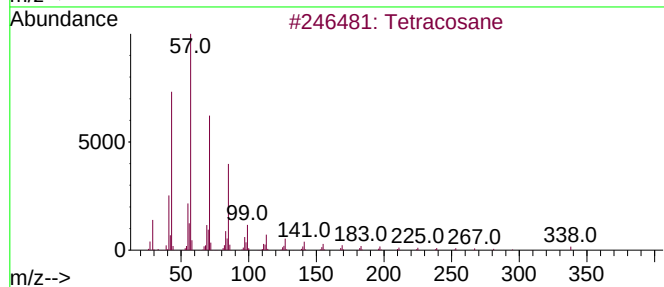
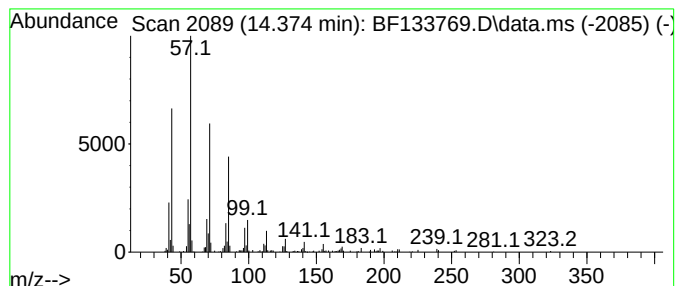
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.374	6.11 ng	194033	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
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ALS Vial : 5 Sample Multiplier: 1

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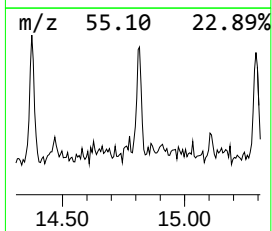
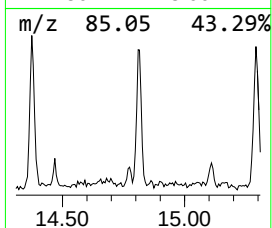
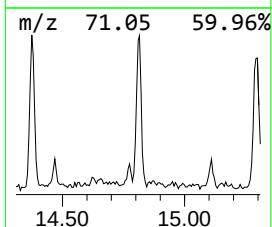
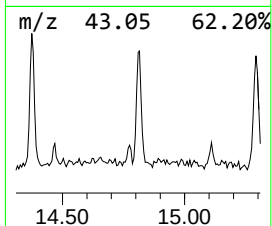
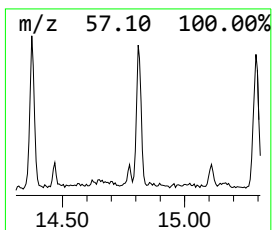
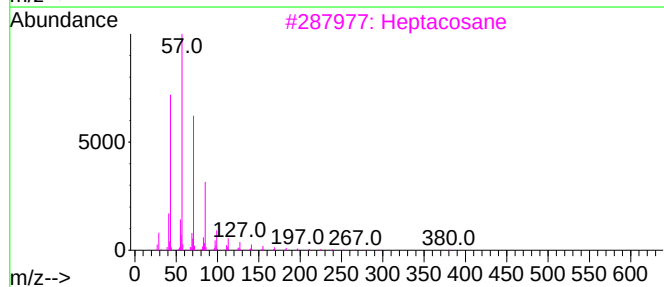
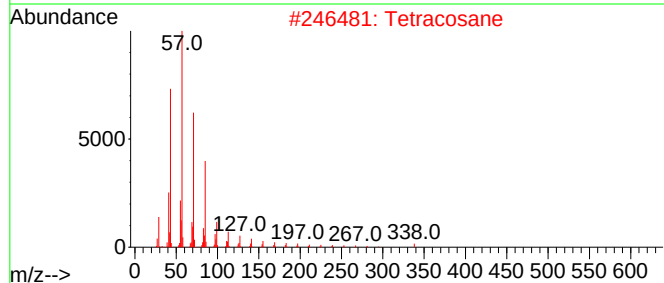
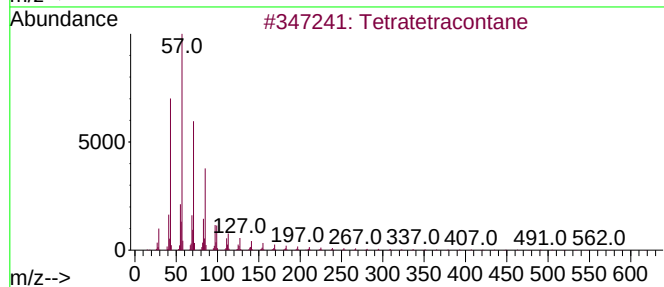
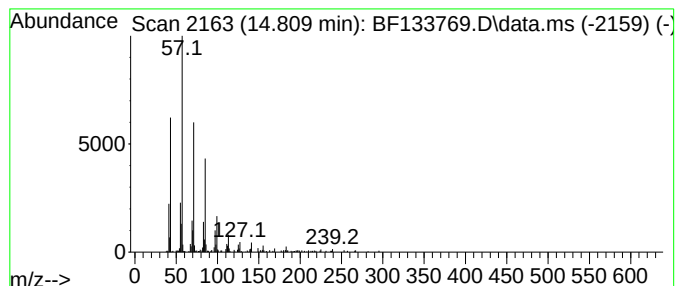
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	5.24 ng	177859	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Heptacosane	380	C27H56	000593-49-7	87
4			Nonadecane	268	C19H40	000629-92-5	86
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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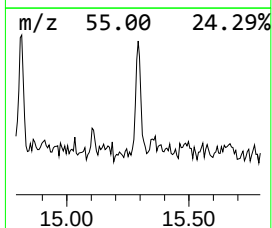
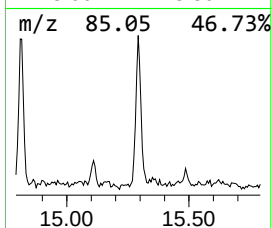
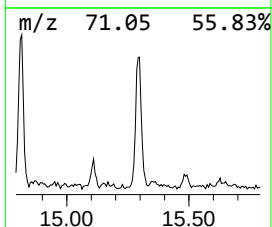
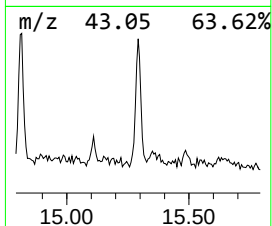
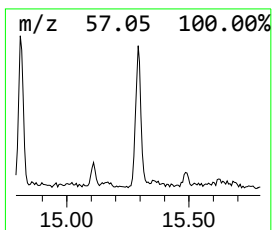
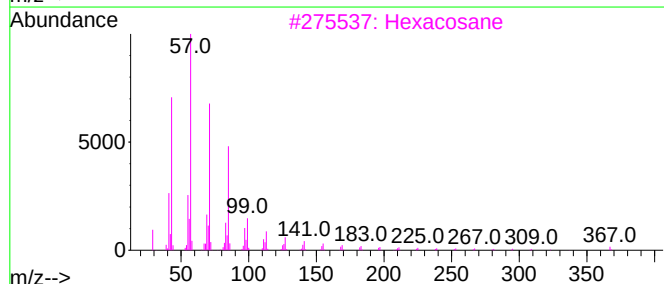
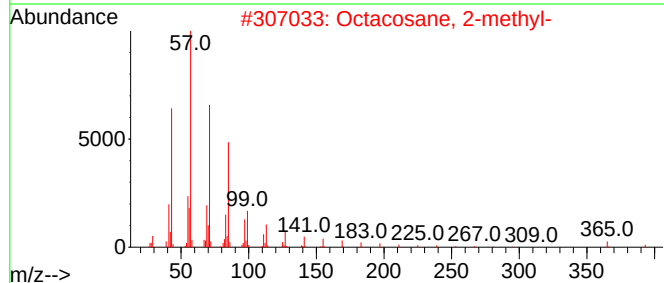
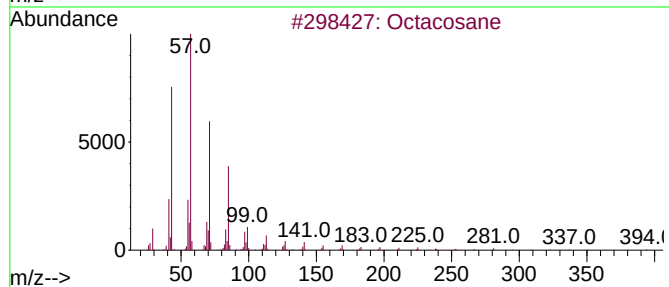
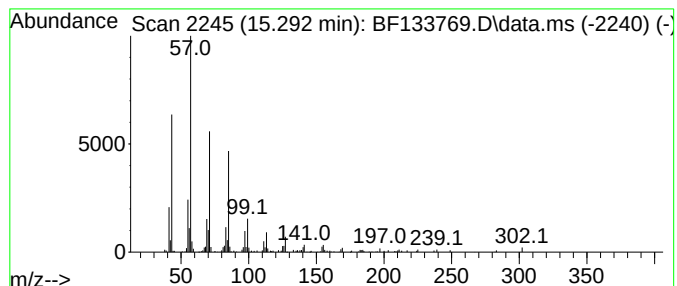
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	5.77 ng	196073	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3			Hexacosane	366	C26H54	000630-01-3	90
4			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
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ALS Vial : 5 Sample Multiplier: 1

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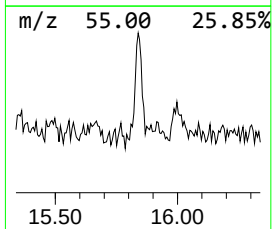
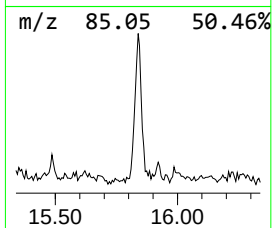
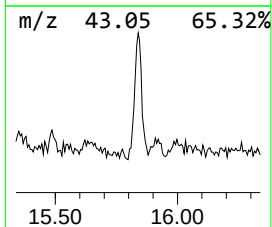
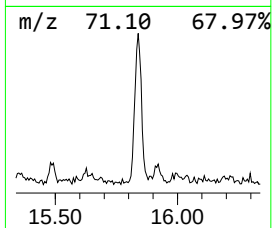
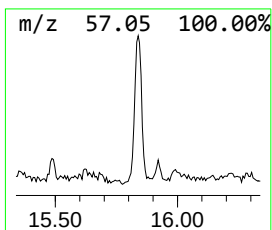
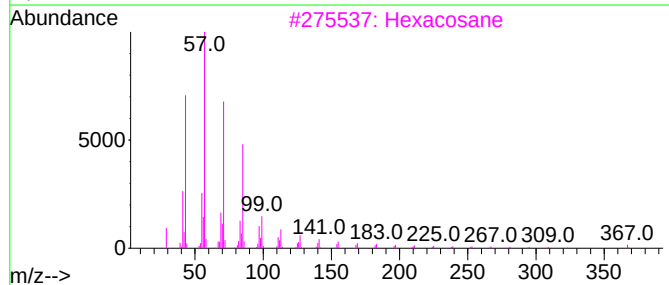
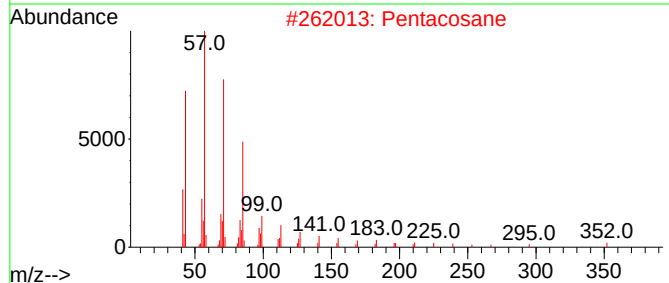
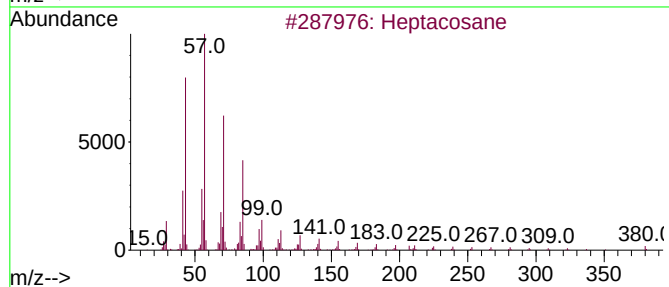
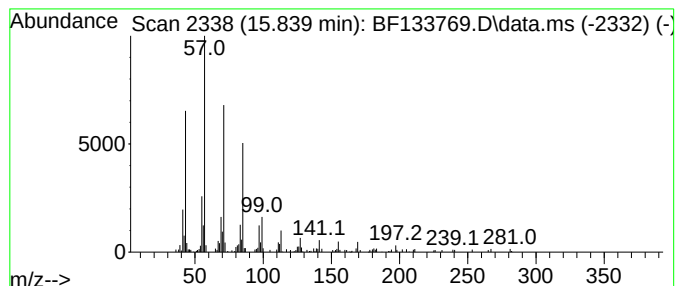
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	5.28 ng	179219	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Hexacosane	366	C26H54	000630-01-3	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

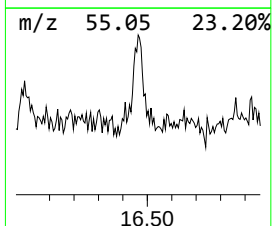
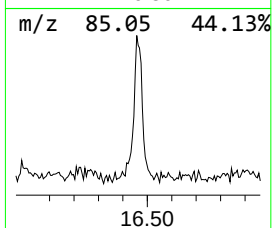
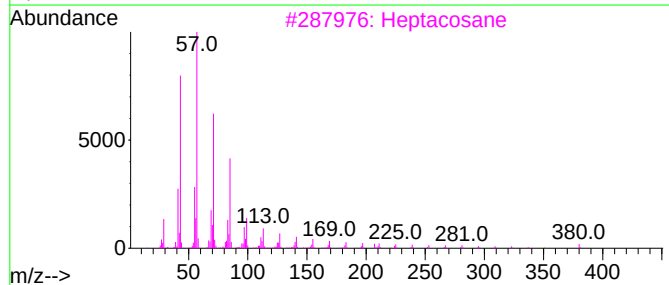
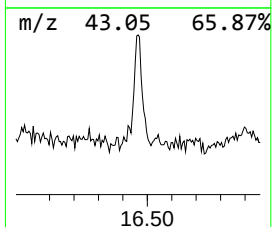
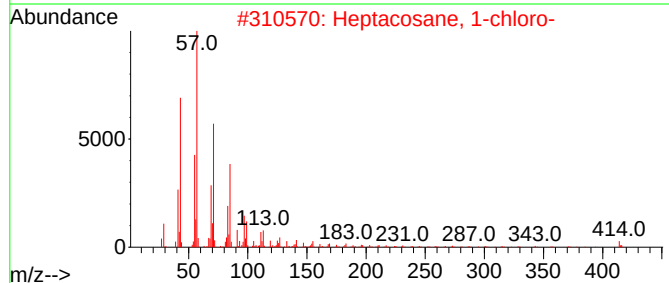
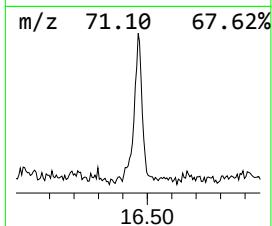
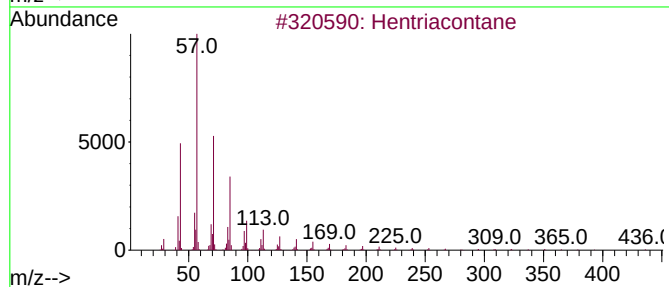
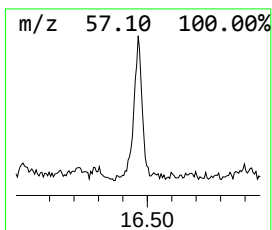
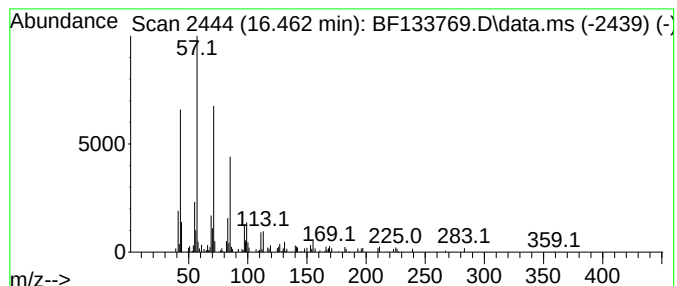
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.462	4.37 ng	148383	Perylene-d12	15.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hentriacontane	437	C31H64	000630-04-6	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Octacosane	394	C28H58	000630-02-4	83
5		Hexadecane	226	C16H34	000544-76-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

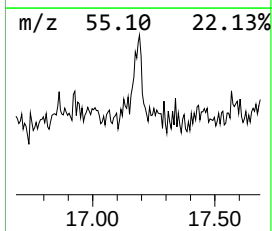
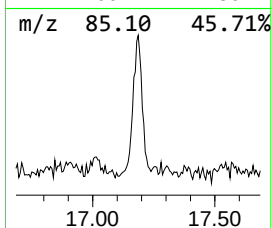
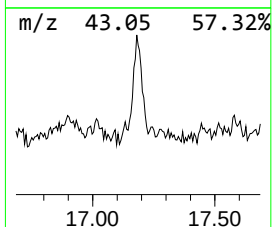
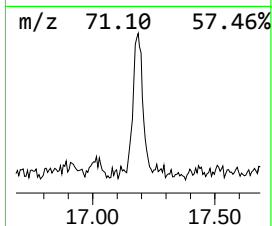
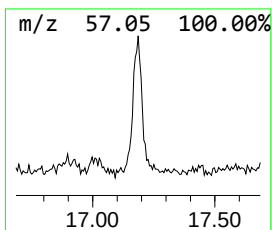
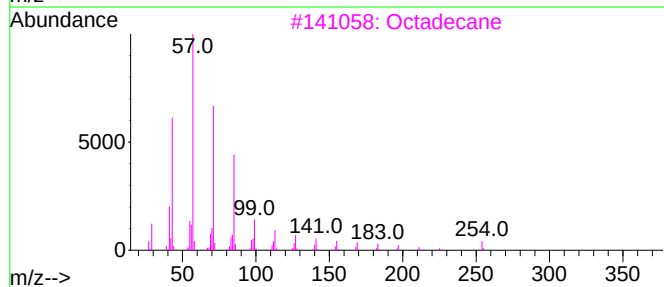
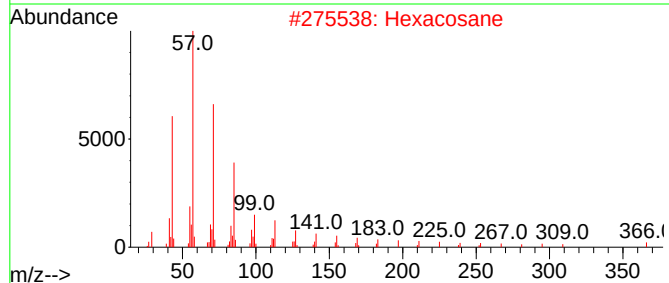
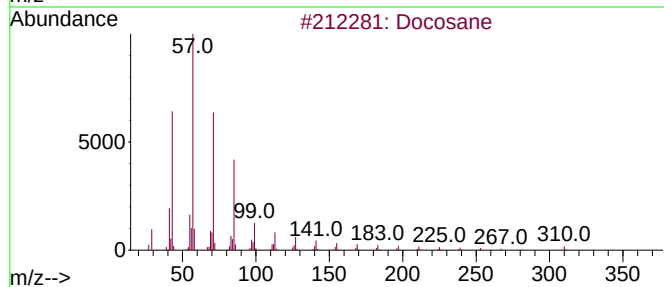
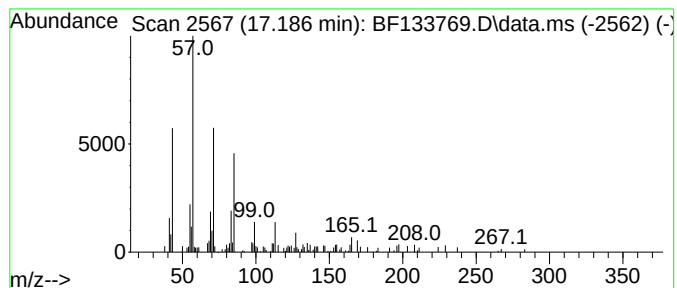
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	3.29 ng	111711	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	72
2			Hexacosane	366	C26H54	000630-01-3	72
3			Octadecane	254	C18H38	000593-45-3	72
4			Nonadecane	268	C19H40	000629-92-5	64
5			Heptacosane	380	C27H56	000593-49-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

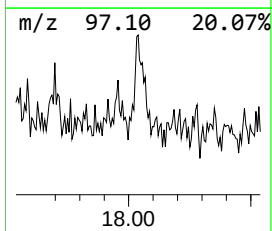
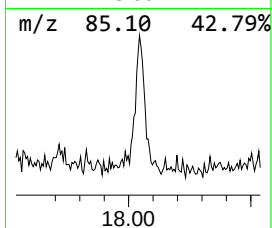
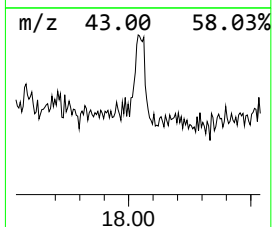
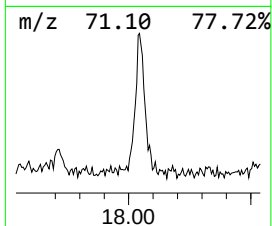
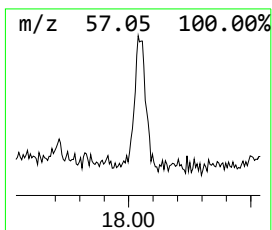
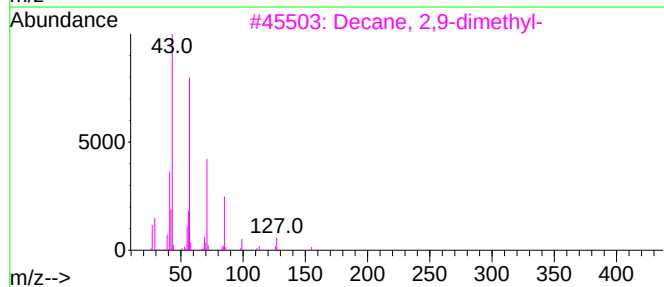
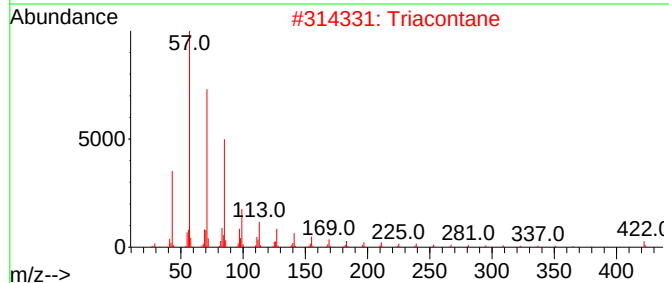
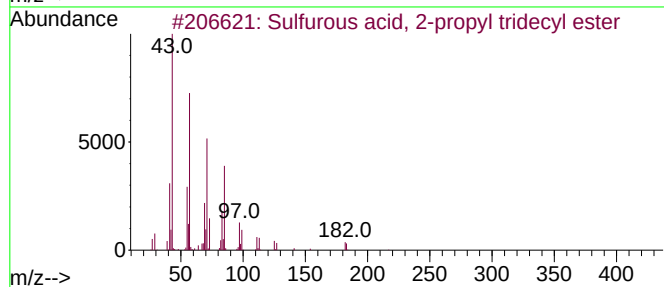
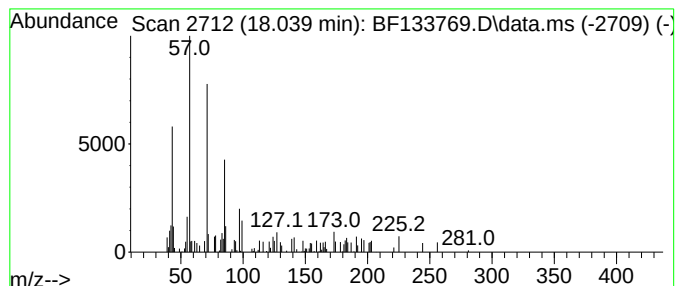
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Sulfurous acid, 2-propyl tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	3.23 ng	109750	Perylene-d12	15.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	64
2		Triacontane	422	C30H62	000638-68-6	59
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	59
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133769.D
Acq On : 15 Jun 2023 11:54
Operator : CG\JU
Sample : 03152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Trichloroethylene	2.422	31.4	ng	1106930	1	6.828	705064	20.0
Ethane, 1,1,2-t...	4.098	50.2	ng	1770850	1	6.828	705064	20.0
1,2-Ethanediol,...	5.004	37.1	ng	1308640	1	6.828	705064	20.0
2-Pentanone, 4-...	5.045	3.5	ng	125196	1	6.828	705064	20.0
2,5-Hexanedione	5.987	3.1	ng	109204	1	6.828	705064	20.0
Triethyl phosphate	7.533	4.2	ng	178067	2	8.110	854983	20.0
Benzophenone	10.575	3.2	ng	146932	3	9.869	916534	20.0
n-Hexadecanoic ...	11.880	8.2	ng	353595	4	11.357	858819	20.0
Octadecanoic acid	12.663	6.5	ng	281085	4	11.357	858819	20.0
Heneicosane	13.339	5.2	ng	166300	5	13.998	635509	20.0
1,4-Benzenedica...	13.616	13.9	ng	440576	5	13.998	635509	20.0
Tricosyl triflu...	13.845	4.3	ng	135158	5	13.998	635509	20.0
Octacosane	13.898	5.2	ng	164890	5	13.998	635509	20.0
Tetracosane	14.374	6.1	ng	194033	5	13.998	635509	20.0
Tetratetracontane	14.810	5.2	ng	177859	6	15.457	679291	20.0
Octacosane, 2-m...	15.292	5.8	ng	196073	6	15.457	679291	20.0
Heptacosane	15.839	5.3	ng	179219	6	15.457	679291	20.0
Hentriacontane	16.462	4.4	ng	148383	6	15.457	679291	20.0
Docosane	17.186	3.3	ng	111711	6	15.457	679291	20.0
Sulfurous acid,...	18.039	3.2	ng	109750	6	15.457	679291	20.0