

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123340.D
 Acq On : 2 Mar 2021 17:17
 Operator : JU/CG
 Sample : M1532-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-S-2

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-BF021921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	13	rVB	446629	523023	13.58%	1.957%
2	5.475	572	576	596	rBV	3181024	3117634	80.97%	11.665%
3	6.487	743	748	770	rBV	3158068	3310836	85.99%	12.388%
4	6.851	806	810	813	rBV	1040219	812807	21.11%	3.041%
5	7.416	901	906	909	rBV	2136860	2046675	53.16%	7.658%
6	8.134	1024	1028	1046	rVB	1253891	1088781	28.28%	4.074%
7	9.216	1207	1212	1222	rBV	3515346	3522224	91.48%	13.179%
8	9.610	1276	1279	1288	rBV	56053	58256	1.51%	0.218%
9	9.892	1323	1327	1338	rBV	1396865	1252280	32.52%	4.686%
10	10.686	1458	1462	1472	rBV	2212039	2150396	55.85%	8.046%
11	11.386	1577	1581	1586	rBV	1473831	1320535	34.30%	4.941%
12	11.916	1663	1671	1679	rBV3	84324	158534	4.12%	0.593%
13	12.263	1724	1730	1733	rBV	50044	49231	1.28%	0.184%
14	12.363	1743	1747	1751	rBV	272046	223961	5.82%	0.838%
15	12.463	1761	1764	1770	rBV5	26060	43404	1.13%	0.162%
16	12.616	1786	1790	1800	rBV	70519	80450	2.09%	0.301%
17	12.704	1800	1805	1813	rBV	131167	212098	5.51%	0.794%
18	12.980	1847	1852	1855	rBV	4444473	3850342	100.00%	14.406%
19	13.898	2001	2008	2026	rBV2	188630	692615	17.99%	2.591%
20	14.039	2028	2032	2043	rVB	1093063	1050297	27.28%	3.930%
21	14.504	2107	2111	2115	rBV2	44649	47180	1.23%	0.177%
22	14.798	2157	2161	2168	rBV4	56191	114557	2.98%	0.429%
23	15.151	2217	2221	2226	rVB2	45622	49111	1.28%	0.184%
24	15.515	2277	2283	2292	rBV	606587	882709	22.93%	3.303%
25	15.974	2356	2361	2367	rBV3	41514	68705	1.78%	0.257%

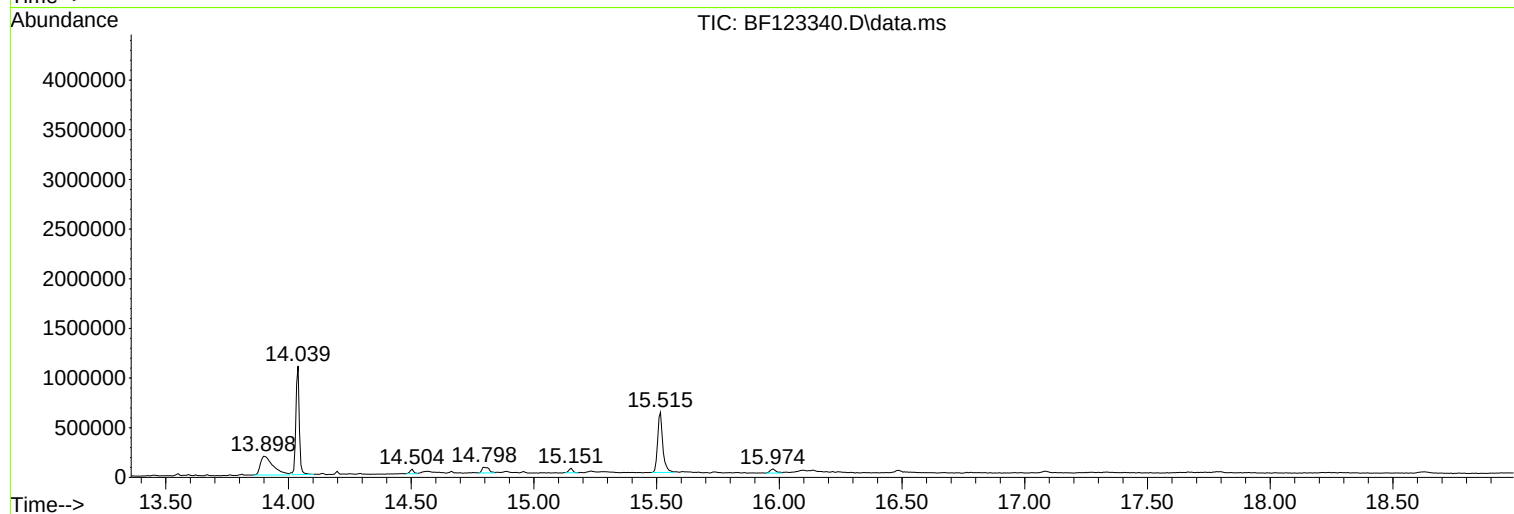
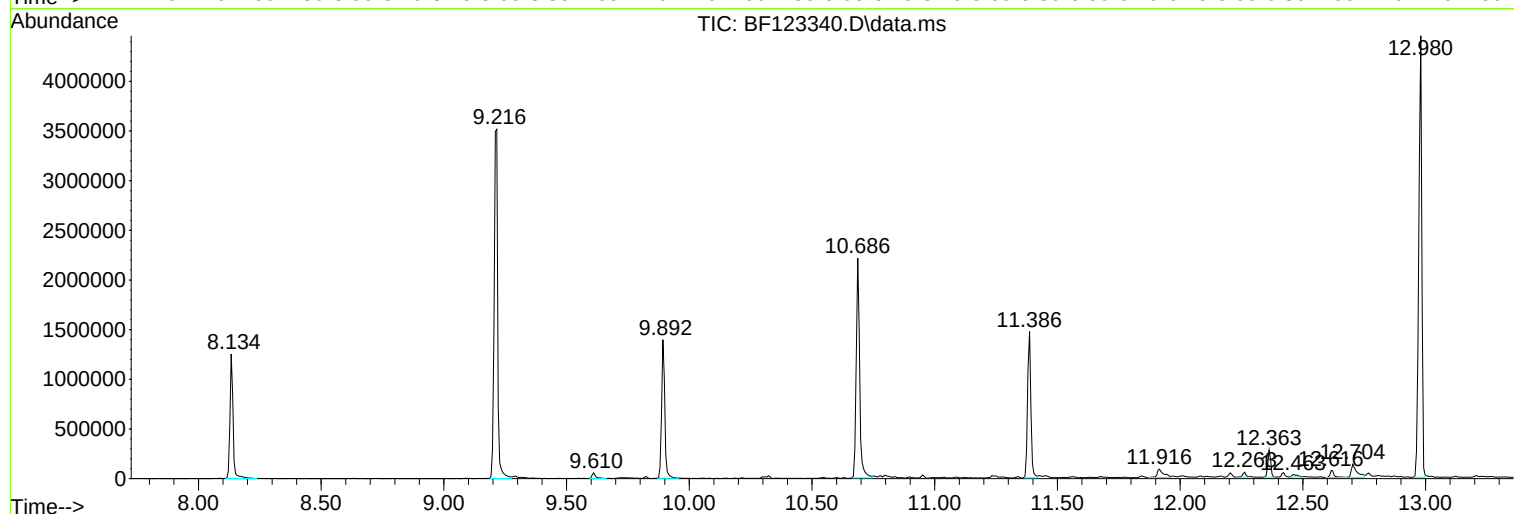
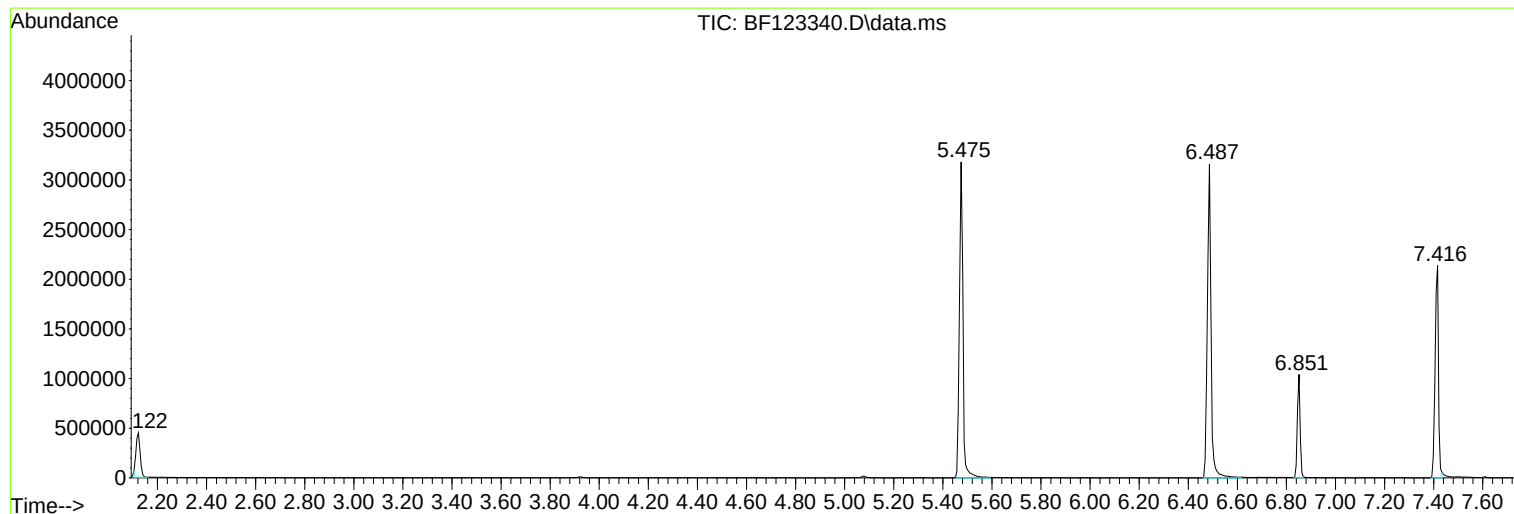
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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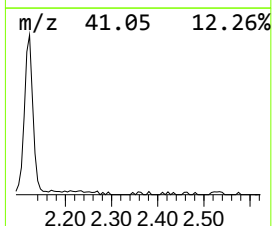
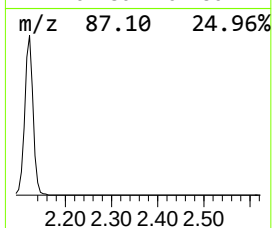
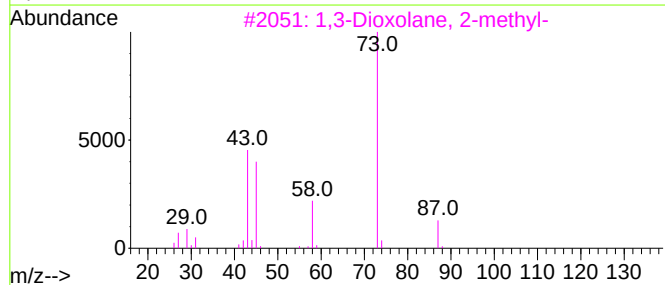
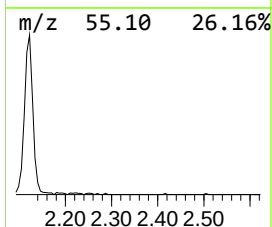
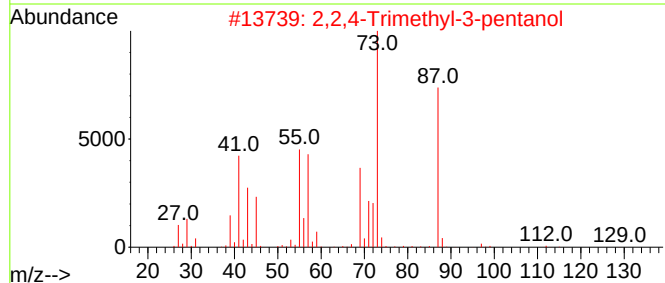
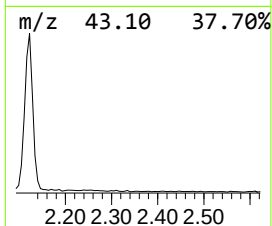
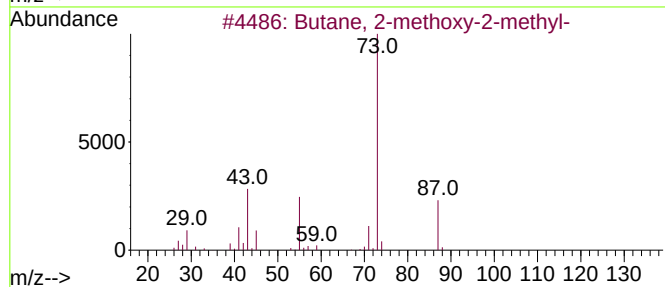
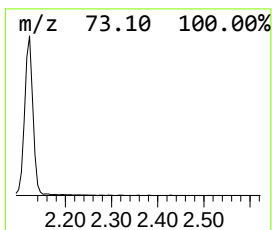
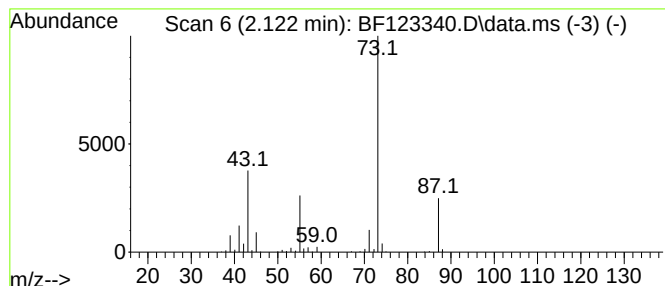
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	12.87 ng	523023	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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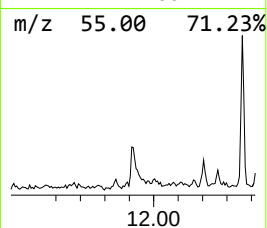
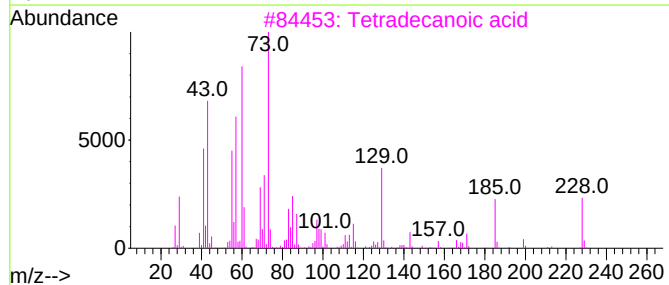
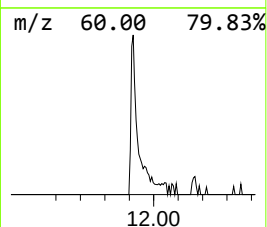
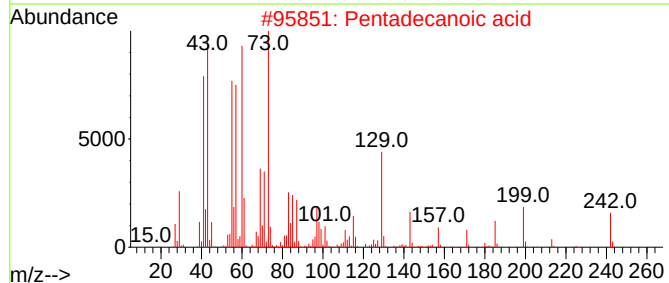
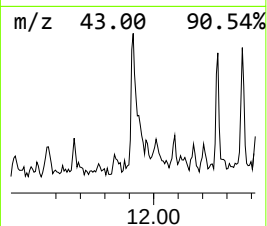
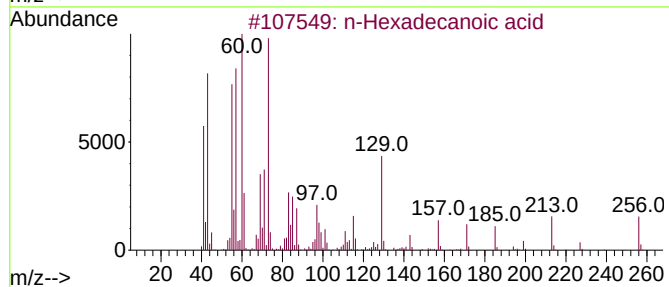
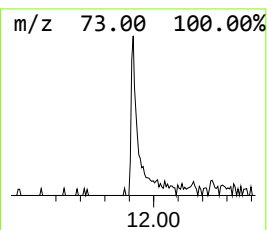
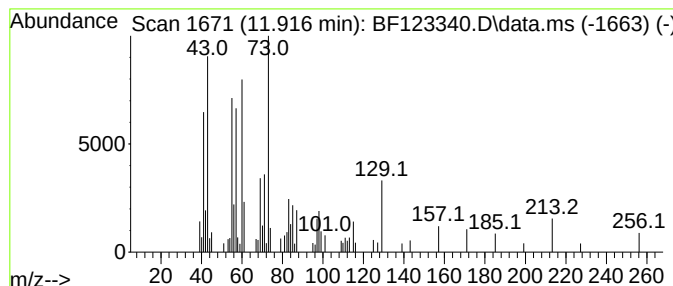
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.40 ng	158534	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



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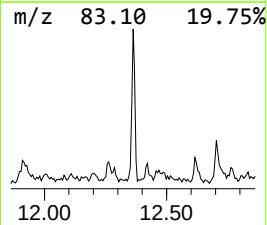
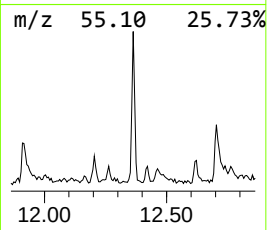
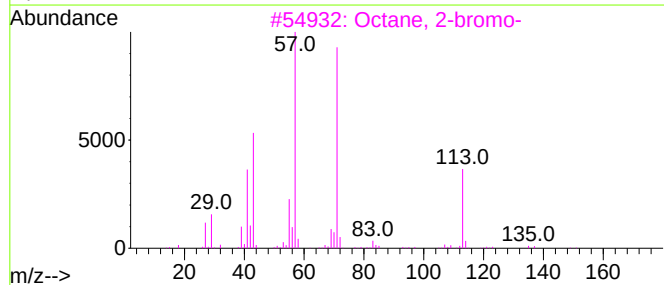
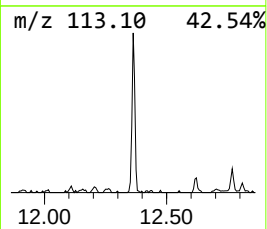
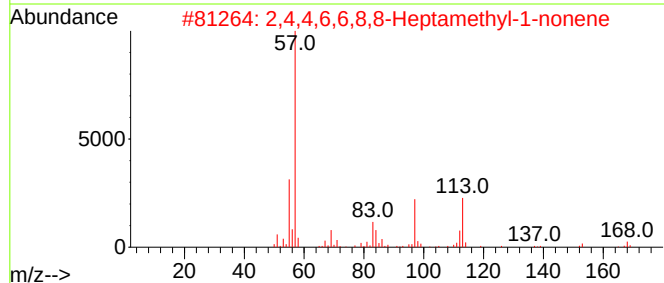
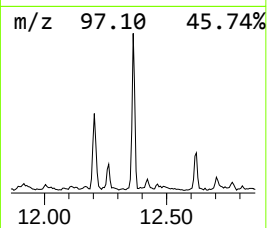
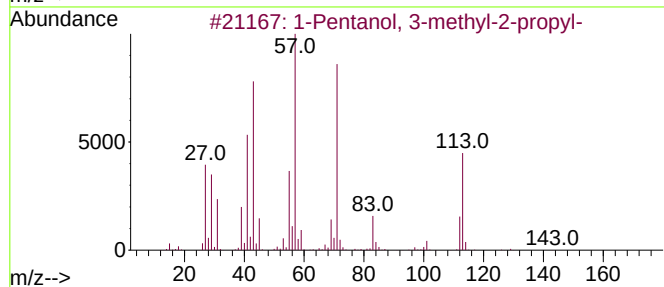
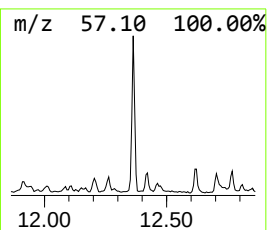
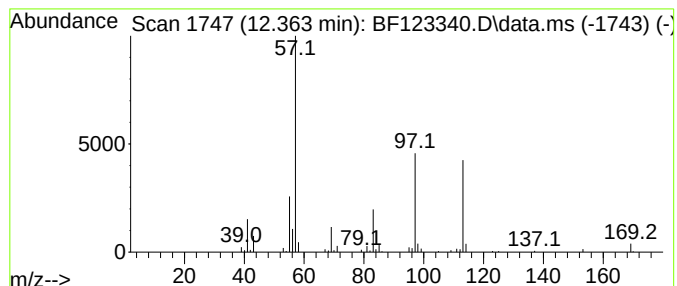
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown12.36 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	3.39 ng	223961	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40
2			2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	38
3			Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
4			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	32
5			2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	32



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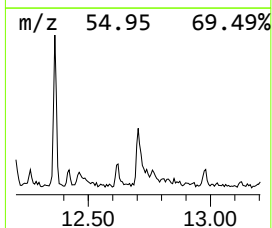
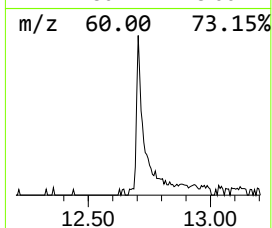
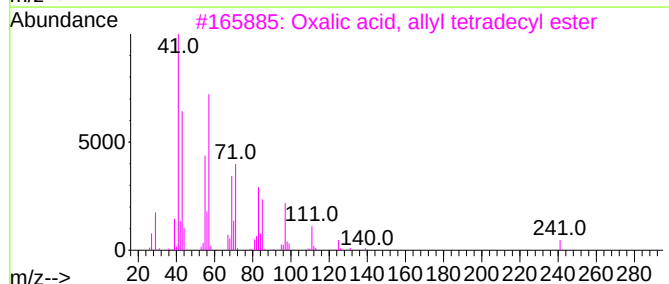
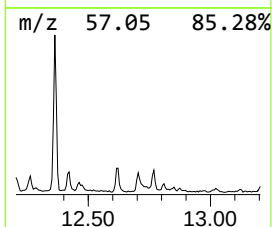
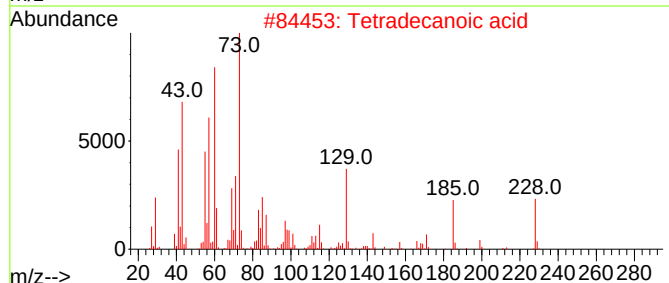
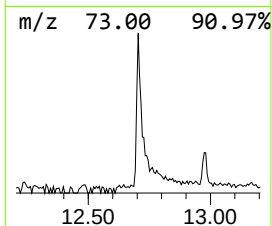
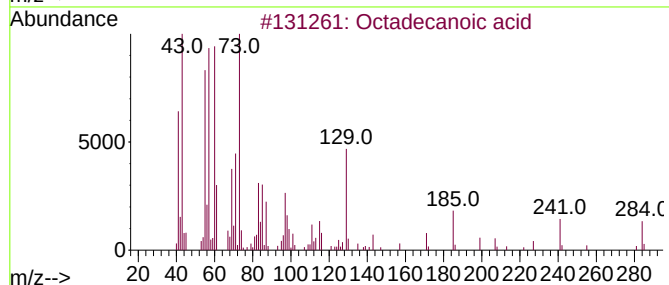
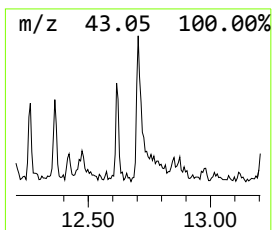
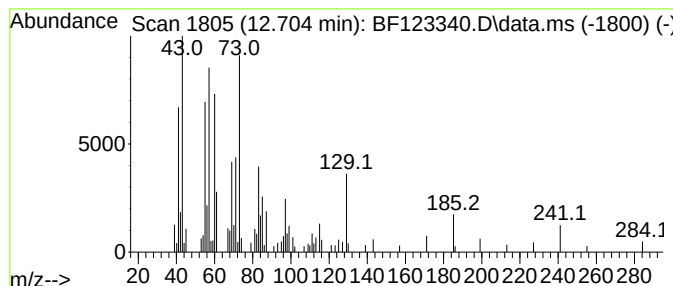
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	3.21 ng	212098	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	87
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3			Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	38
4			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	38
5			n-Decanoic acid	172	C10H20O2	000334-48-5	35



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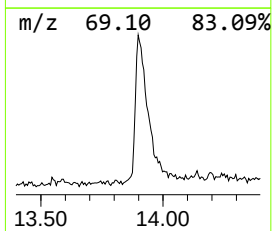
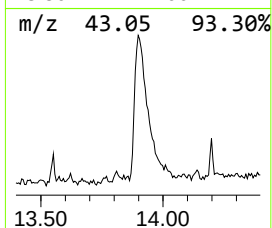
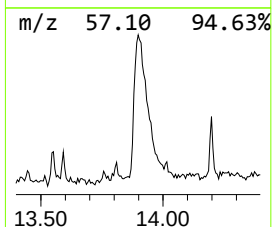
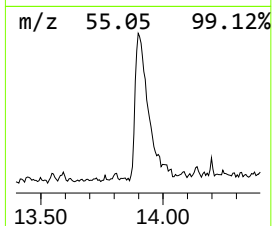
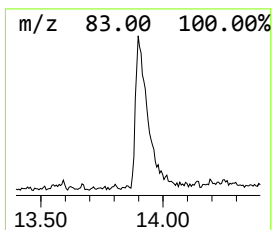
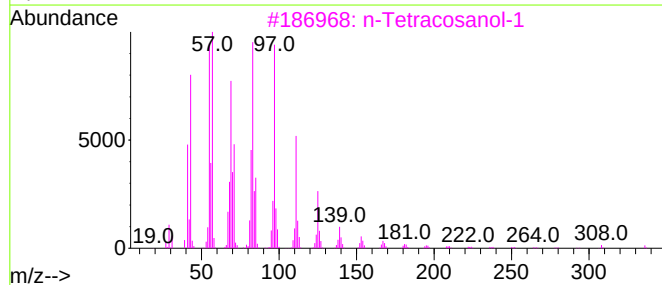
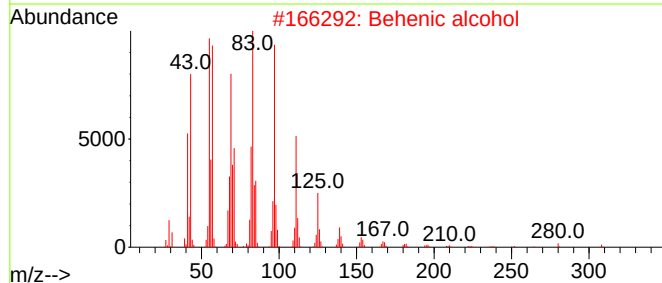
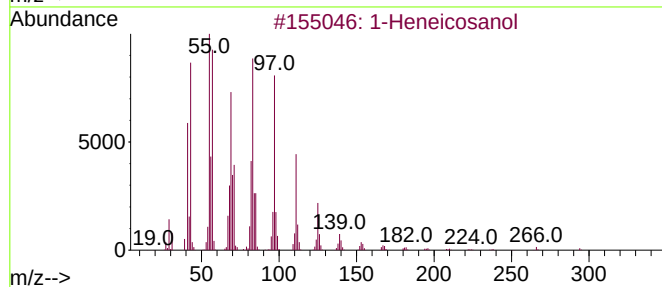
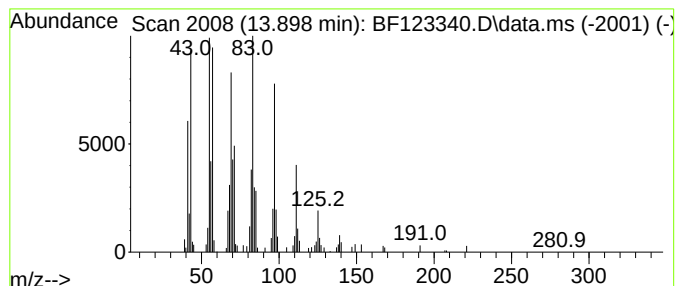
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	13.19 ng	692615	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Behenic alcohol	326	C22H46O	000661-19-8	95
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94



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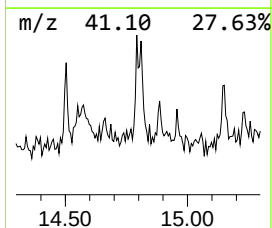
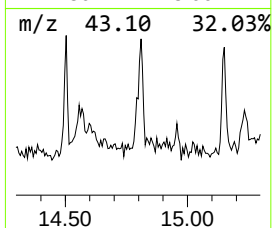
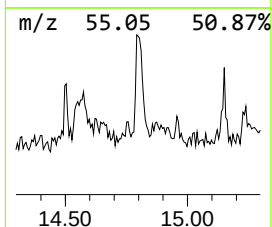
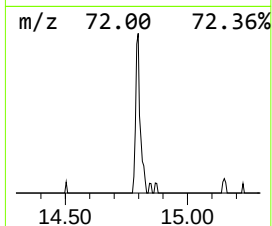
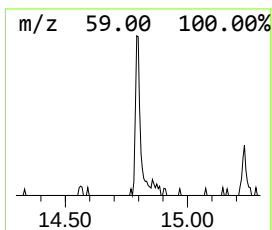
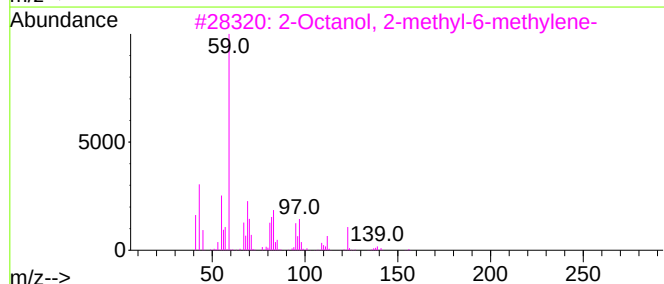
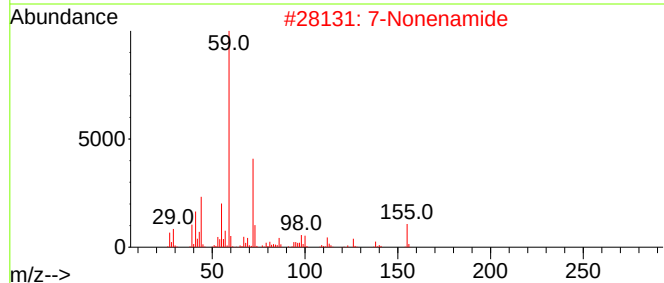
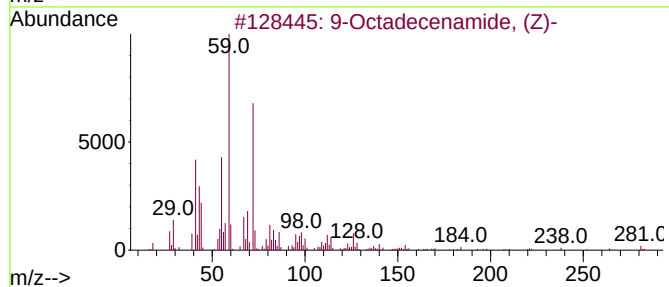
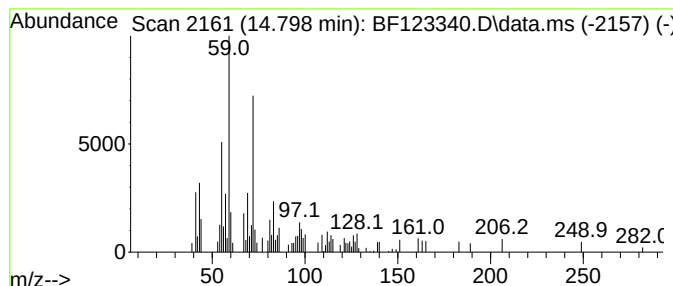
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	2.60 ng	114557	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2			7-Nonenamide	155	C9H17NO	090949-53-4	59
3			2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	50
4			3-Butenoic acid, 2-methyl-, meth...	114	C6H10O2	051747-33-2	47
5			Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
Data File : BF123340.D
Acq On : 2 Mar 2021 17:17
Operator : JU/CG
Sample : M1532-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-SAMPLE-S-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.122	12.9	ng	523023	1	6.851	812807	20.0
n-Hexadecanoic ...	11.916	2.4	ng	158534	4	11.386	1320540	20.0
unknown12.36	12.363	3.4	ng	223961	4	11.386	1320540	20.0
Octadecanoic acid	12.704	3.2	ng	212098	4	11.386	1320540	20.0
1-Heneicosanol	13.898	13.2	ng	692615	5	14.039	1050300	20.0
9-Octadecenamid...	14.798	2.6	ng	114557	6	15.515	882709	20.0