

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137819.D
 Acq On : 02 May 2024 17:18
 Operator : CG\JU
 Sample : P2330-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-4(0.5-1.5)

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-BF043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137819.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	16	21	27	rVB3	28838	57450	1.60%	0.246%
2	2.428	53	58	66	rVB	181696	247443	6.88%	1.058%
3	3.704	272	275	294	rBV	22916	60918	1.69%	0.260%
4	5.681	606	611	614	rBV	2499533	2282895	63.46%	9.758%
5	6.663	773	778	781	rBV	2214732	2283935	63.49%	9.763%
6	7.057	841	845	848	rVB	939536	832670	23.15%	3.559%
7	7.616	935	940	943	rBV	1651294	1481546	41.18%	6.333%
8	8.339	1059	1063	1066	rBV	1405894	1119556	31.12%	4.785%
9	8.639	1111	1114	1123	rBV	30270	41498	1.15%	0.177%
10	9.416	1241	1246	1249	rBV	3367940	3143917	87.39%	13.438%
11	10.098	1358	1362	1366	rBV	1548072	1321053	36.72%	5.647%
12	10.186	1372	1377	1382	rVB	46363	61509	1.71%	0.263%
13	10.892	1493	1497	1500	rBV	2108648	1780397	49.49%	7.610%
14	10.986	1511	1513	1518	rVB2	41659	56925	1.58%	0.243%
15	11.598	1613	1617	1620	rBV	1415184	1222351	33.98%	5.225%
16	11.868	1652	1663	1670	rBV	69112	127707	3.55%	0.546%
17	12.104	1699	1703	1709	rBV	503040	503555	14.00%	2.152%
18	12.357	1743	1746	1749	rVB	106437	80945	2.25%	0.346%
19	12.810	1817	1823	1825	rBV5	26525	43836	1.22%	0.187%
20	12.886	1833	1836	1850	rBV	196592	254857	7.08%	1.089%
21	12.986	1850	1853	1856	rVB	76073	59349	1.65%	0.254%
22	13.180	1882	1886	1890	rBV	3978490	3597556	100.00%	15.378%
23	13.739	1976	1981	1984	rBV2	46138	64844	1.80%	0.277%
24	14.068	2034	2037	2039	rBV	47723	39905	1.11%	0.171%
25	14.104	2039	2043	2058	rVV4	79036	261863	7.28%	1.119%
26	14.245	2063	2067	2071	rBV	1405210	1195697	33.24%	5.111%
27	14.762	2147	2155	2164	rBV4	68761	230952	6.42%	0.987%
28	15.027	2196	2200	2204	rBV2	32471	39803	1.11%	0.170%
29	15.115	2212	2215	2218	rVB	39283	42044	1.17%	0.180%
30	15.815	2329	2334	2345	rBV	603007	801408	22.28%	3.426%
31	18.203	2727	2740	2741	rBV8	19621	56480	1.57%	0.241%

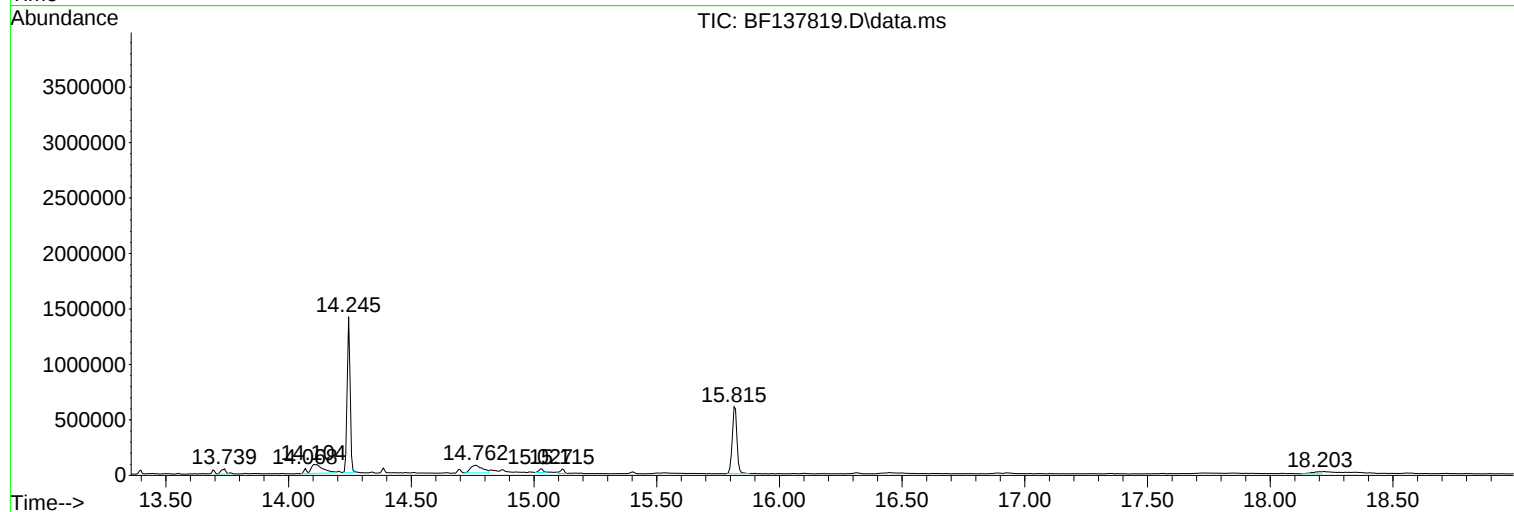
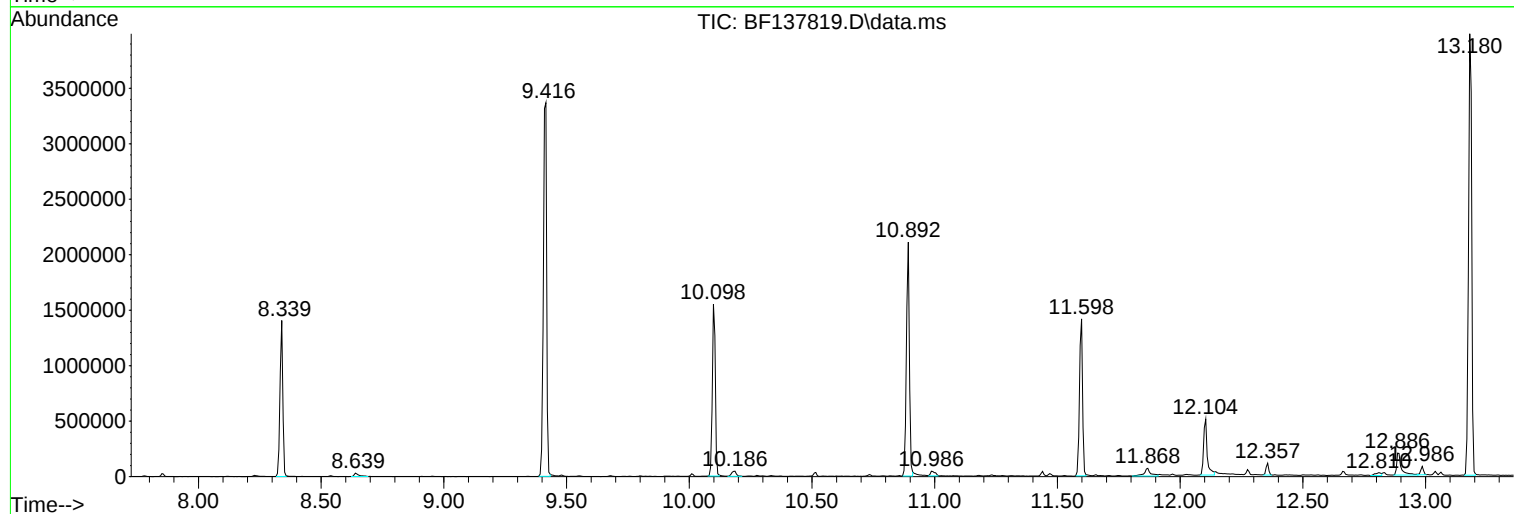
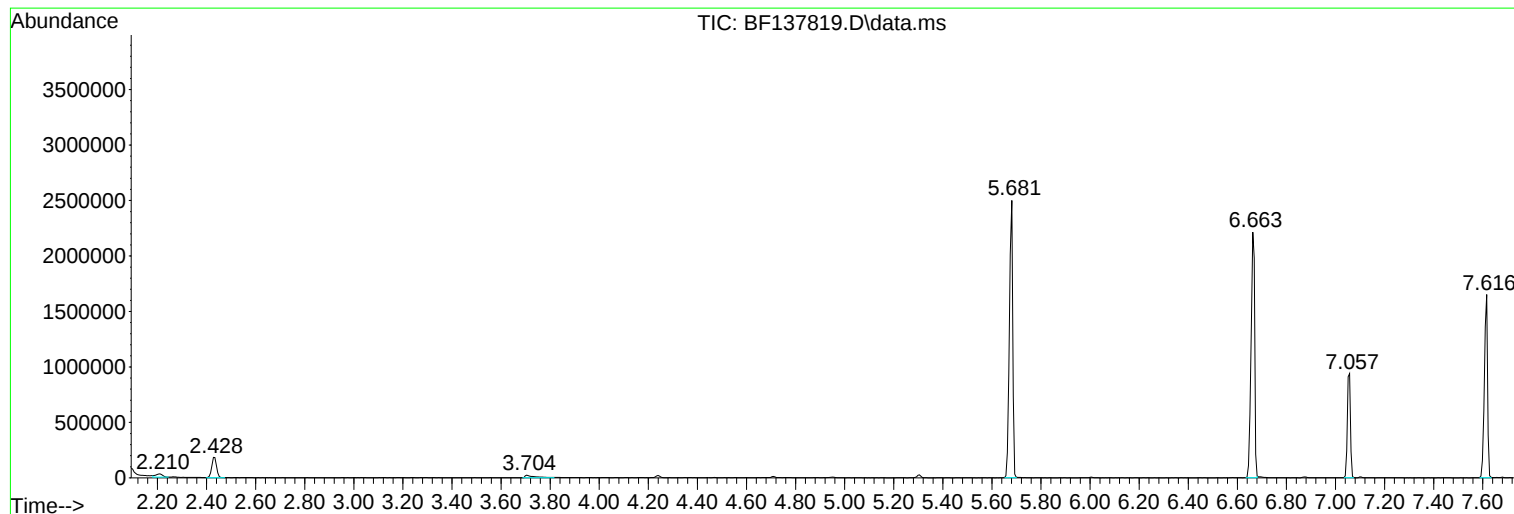
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E-4(0.5-1.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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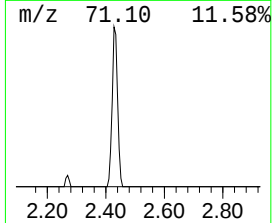
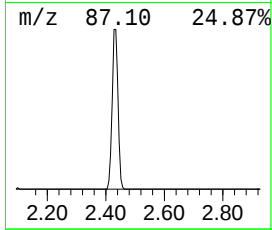
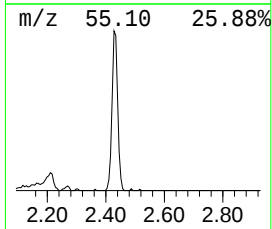
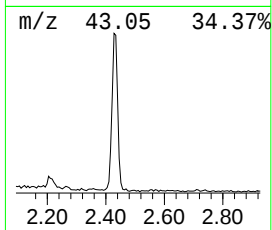
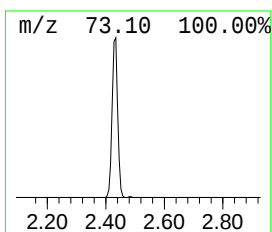
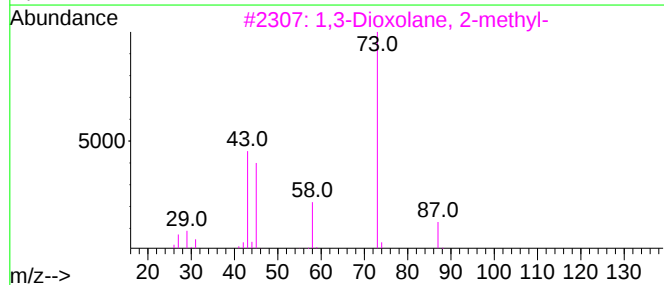
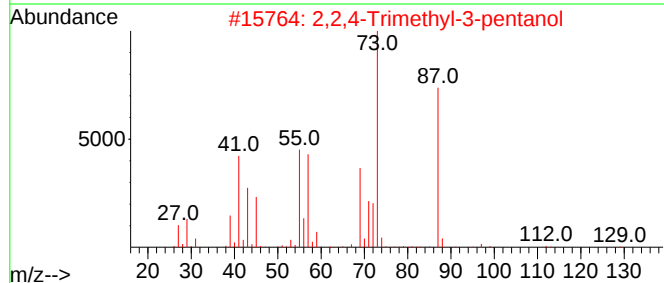
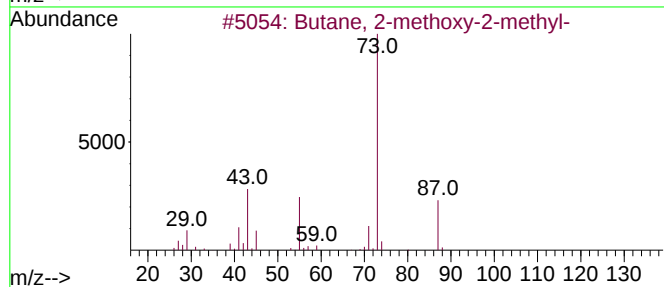
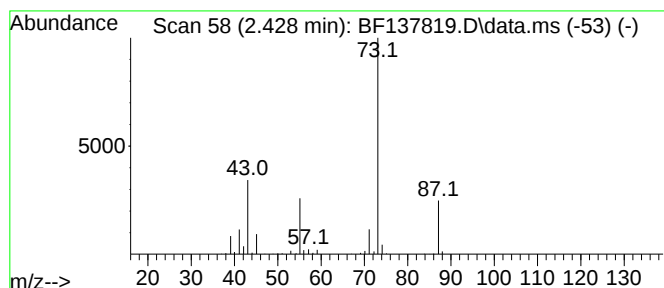
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.428	5.94 ng	247443	1,4-Dichlorobenzene-d4	7.057

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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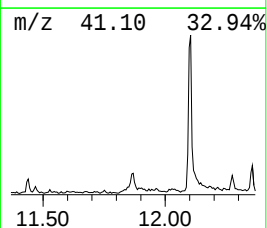
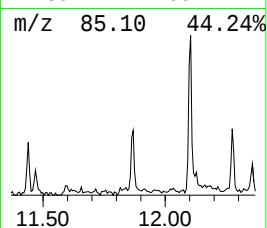
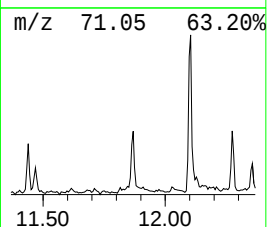
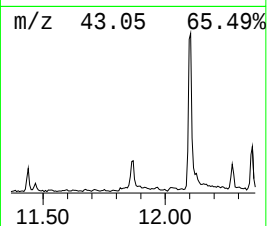
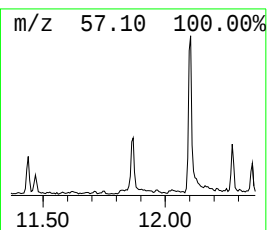
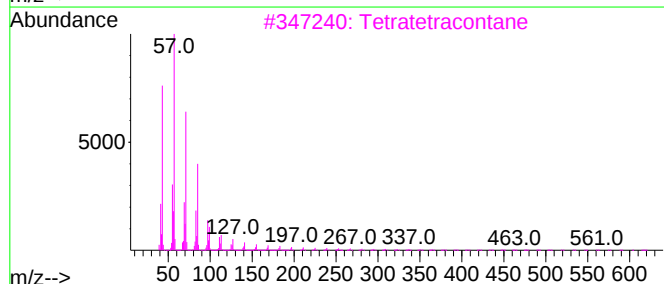
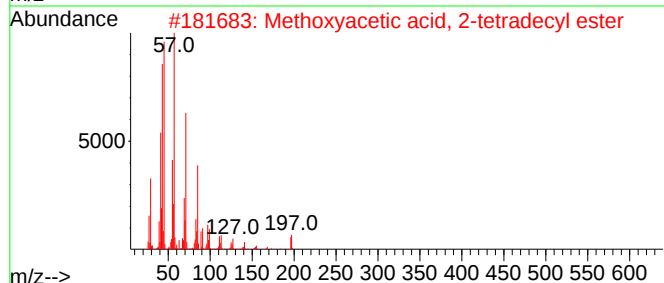
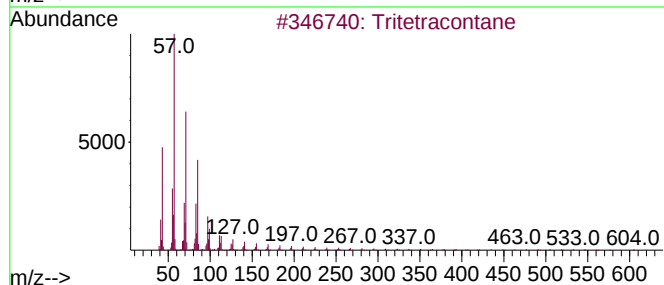
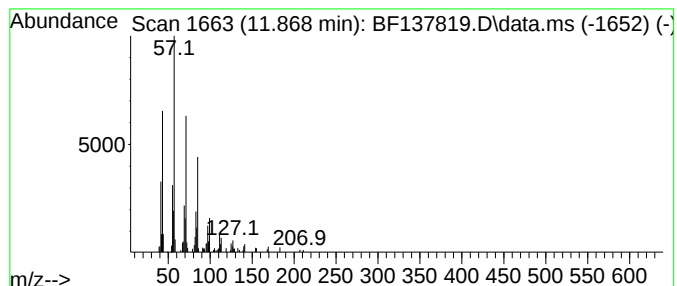
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	2.09 ng	127707	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	91
2			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	90
5			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	90



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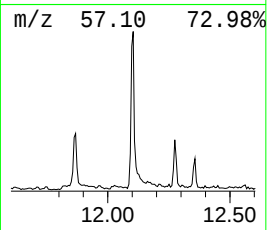
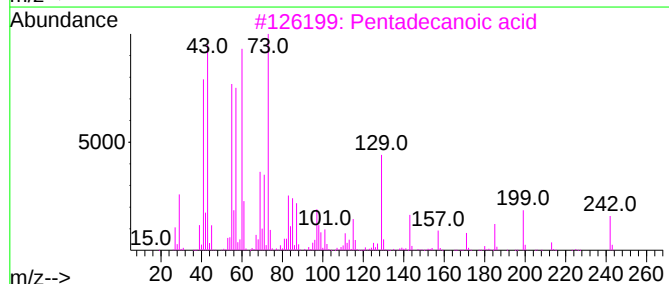
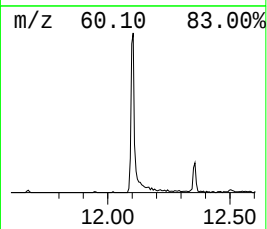
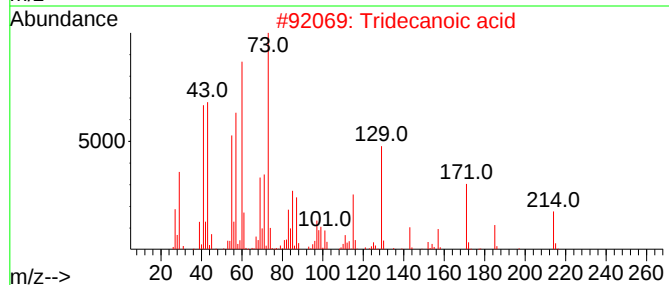
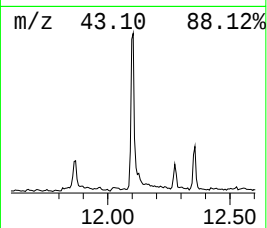
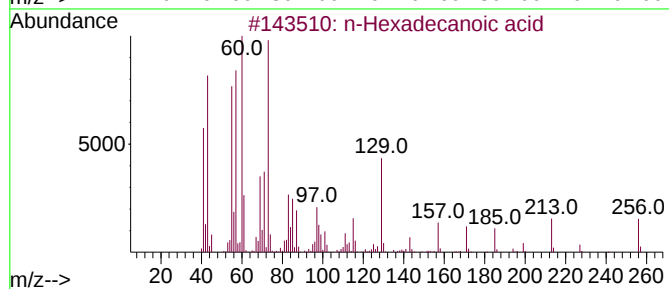
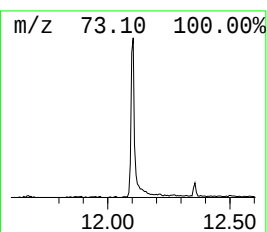
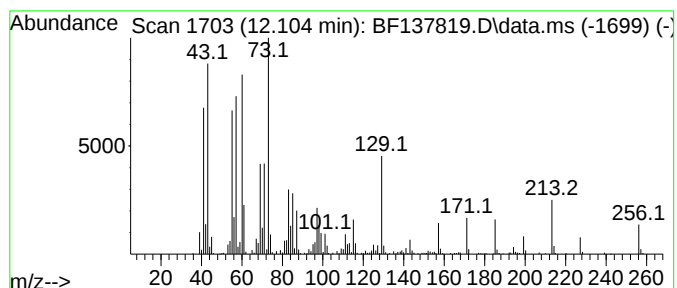
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	8.24 ng	503555	Phenanthrene-d10	11.598

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	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5			Undecanoic acid	186	C11H22O2	000112-37-8	87



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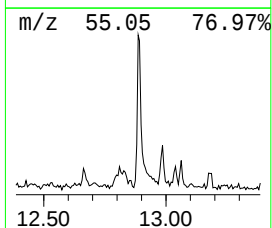
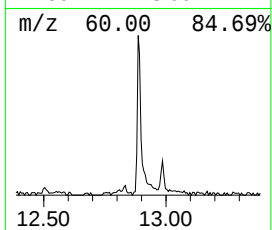
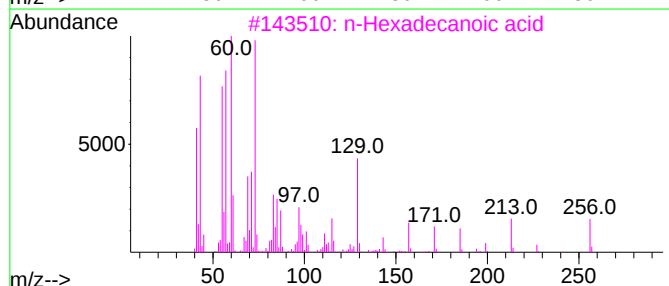
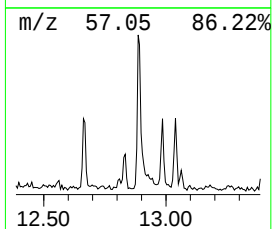
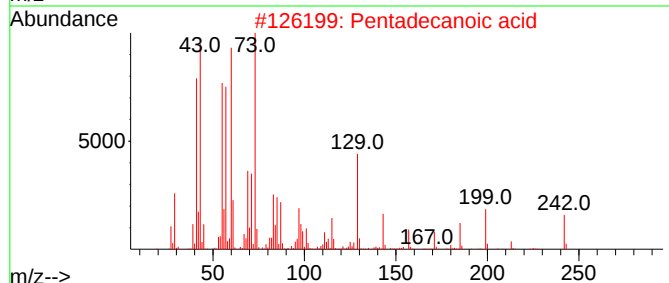
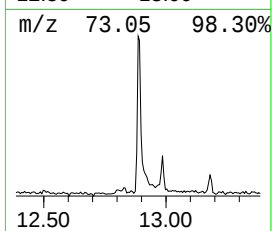
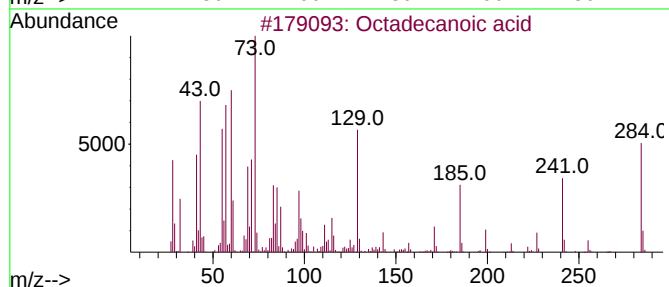
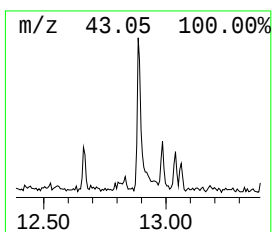
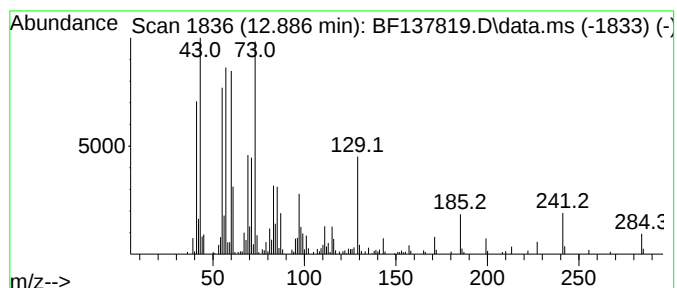
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	4.17 ng	254857	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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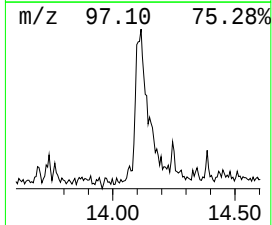
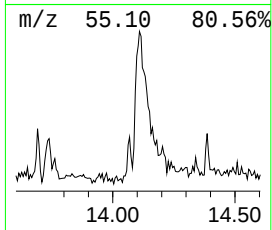
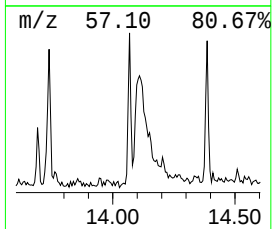
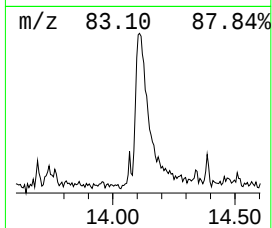
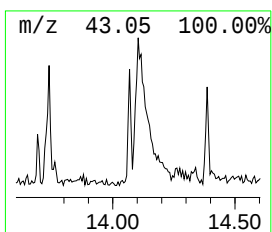
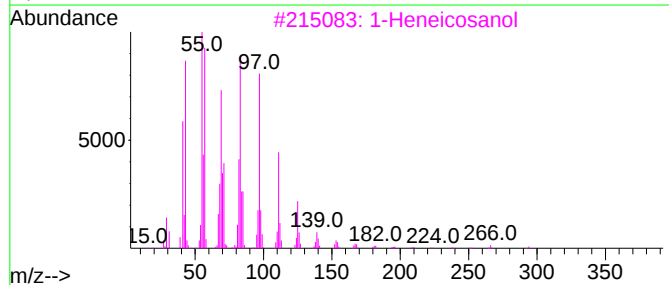
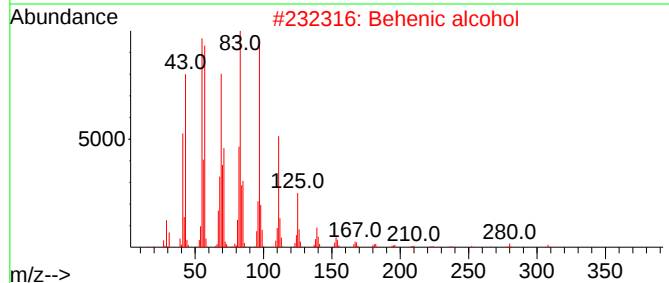
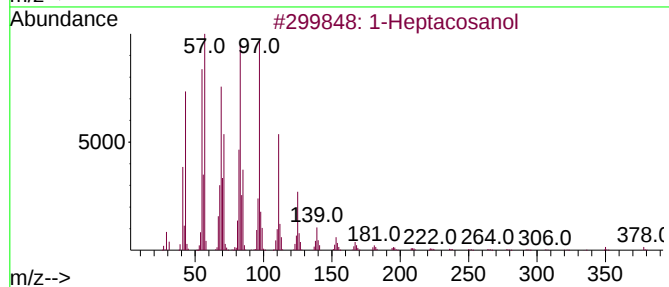
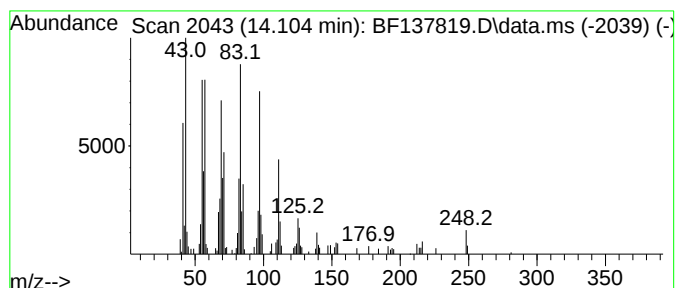
Instrument :
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ClientSampleId :
E-4(0.5-1.5)

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

Peak Number 5 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.104	4.38 ng	261863	Chrysene-d12		14.245	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	94
2	Behenic alcohol		326	C22H46O	000661-19-8	93
3	1-Heneicosanol		312	C21H44O	015594-90-8	93
4	Triacontyl acetate		480	C32H64O2	041755-58-2	91
5	Heptacosyl acetate		438	C29H58O2	1000351-78-2	91



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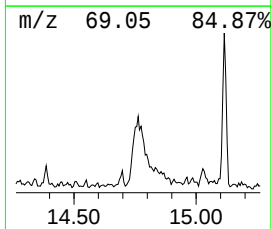
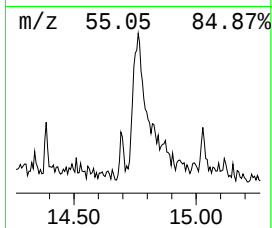
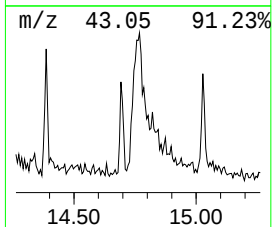
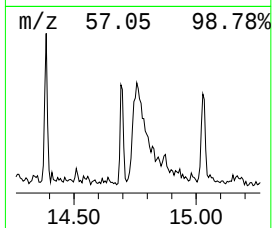
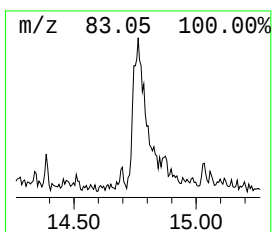
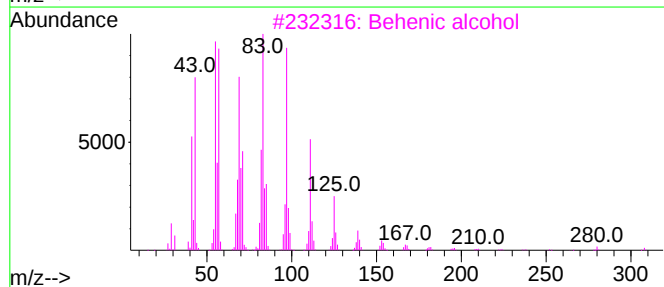
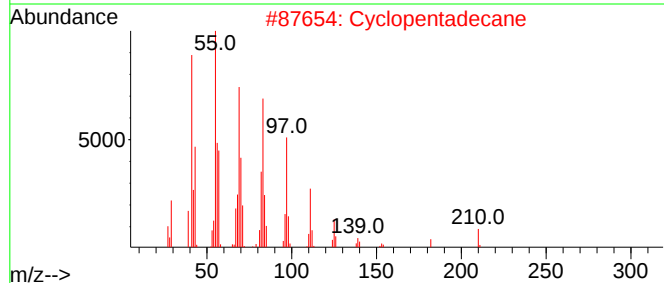
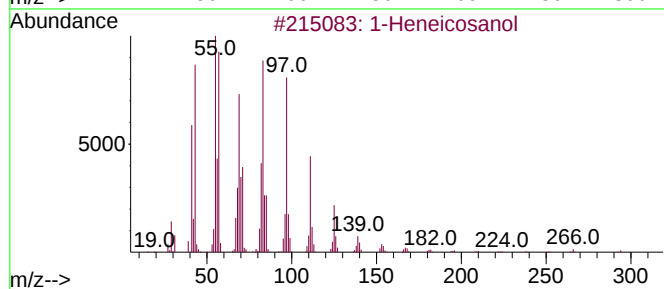
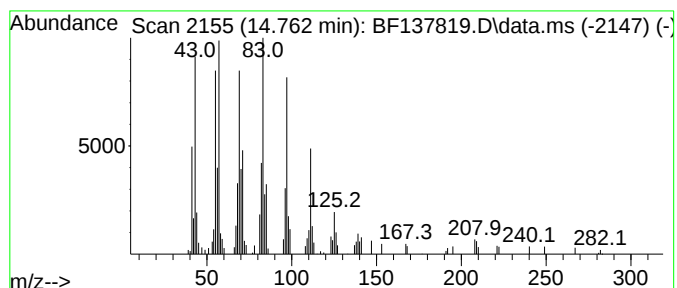
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.762	3.86 ng	230952	Chrysene-d12	14.245	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5	1-Octadecanol	270	C18H38O	000112-92-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137819.D
Acq On : 02 May 2024 17:18
Operator : CG\JU
Sample : P2330-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-4(0.5-1.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.428	5.9	ng	247443	1	7.057	832670	20.0
Tritetracontane	11.868	2.1	ng	127707	4	11.598	1222350	20.0
n-Hexadecanoic ...	12.104	8.2	ng	503555	4	11.598	1222350	20.0
Octadecanoic acid	12.886	4.2	ng	254857	4	11.598	1222350	20.0
1-Heptacosanol	14.104	4.4	ng	261863	5	14.245	1195700	20.0
1-Heneicosanol	14.762	3.9	ng	230952	5	14.245	1195700	20.0