

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125557.D
 Acq On : 22 Sep 2021 13:54
 Operator : JU/CG
 Sample : M3750-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-03-(25-27)

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-BF092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125557.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	12	19	25	rVB	1280730	1583134	33.09%	4.467%
2	2.304	32	37	44	rVB2	51803	71491	1.49%	0.202%
3	5.116	508	515	523	rBV	230711	268612	5.61%	0.758%
4	5.510	577	582	585	rBV	3762392	3613807	75.53%	10.197%
5	6.510	747	752	755	rBV	3476354	3661140	76.52%	10.331%
6	6.892	814	817	821	rBV	1348457	1145674	23.94%	3.233%
7	7.451	907	912	915	rBV	2551714	2371489	49.56%	6.692%
8	8.075	1014	1018	1021	rBV	504242	382984	8.00%	1.081%
9	8.175	1031	1035	1039	rVB	1890215	1626292	33.99%	4.589%
10	9.251	1213	1218	1221	rBV	5026921	4784787	100.00%	13.501%
11	9.369	1234	1238	1242	rVB	145899	120423	2.52%	0.340%
12	9.933	1329	1334	1337	rBV	2295730	1919694	40.12%	5.417%
13	10.716	1463	1467	1471	rBV	2967224	2873540	60.06%	8.108%
14	11.416	1582	1586	1590	rBV	2307270	1914925	40.02%	5.403%
15	11.810	1650	1653	1657	rVB	78860	60269	1.26%	0.170%
16	11.939	1671	1675	1686	rBV2	320945	346645	7.24%	0.978%
17	12.521	1767	1774	1777	rBV	265498	236005	4.93%	0.666%
18	12.604	1785	1788	1791	rBV	72909	58177	1.22%	0.164%
19	12.727	1806	1809	1812	rBV	165927	150789	3.15%	0.425%
20	13.004	1852	1856	1859	rBV	4948550	4581552	95.75%	12.928%
21	13.545	1944	1948	1951	rBV	191394	162588	3.40%	0.459%
22	13.898	2005	2008	2021	rBV2	383341	536414	11.21%	1.514%
23	14.057	2031	2035	2038	rBV	1674628	1448598	30.28%	4.088%
24	14.533	2112	2116	2124	rBV2	66963	87601	1.83%	0.247%
25	15.192	2224	2228	2231	rBV	48928	54888	1.15%	0.155%
26	15.533	2281	2286	2291	rBV	956431	1203433	25.15%	3.396%
27	15.580	2291	2294	2301	rVB	41023	50073	1.05%	0.141%
28	16.033	2366	2371	2375	rBV2	36178	54370	1.14%	0.153%
29	16.080	2375	2379	2387	rVV4	37045	69539	1.45%	0.196%

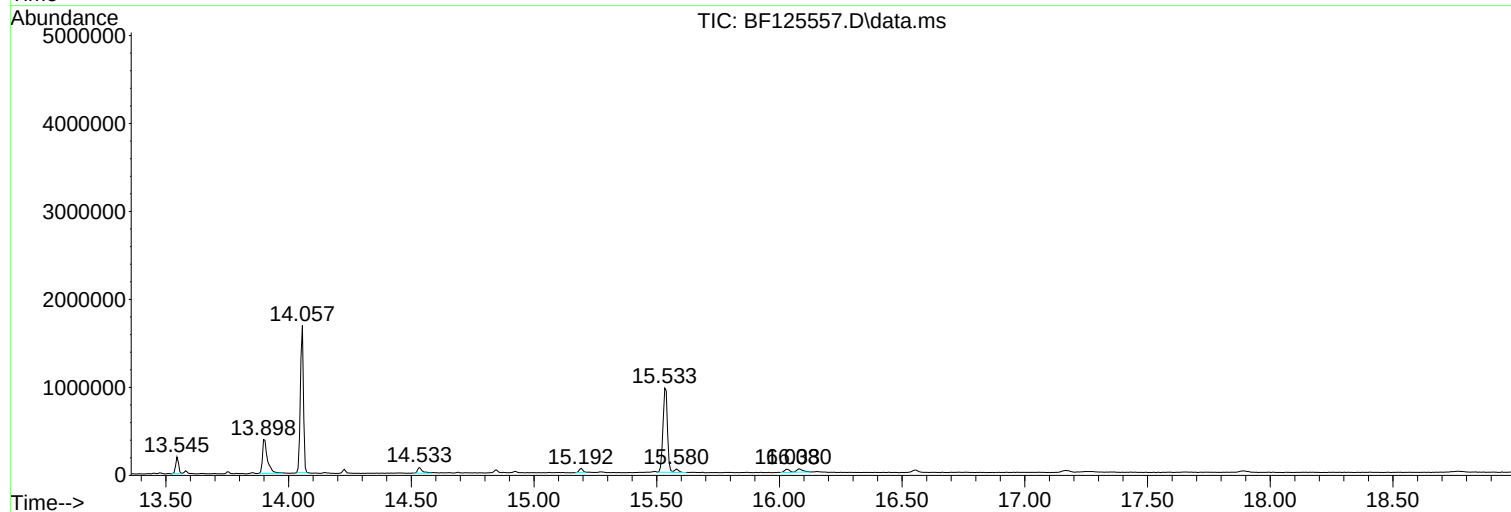
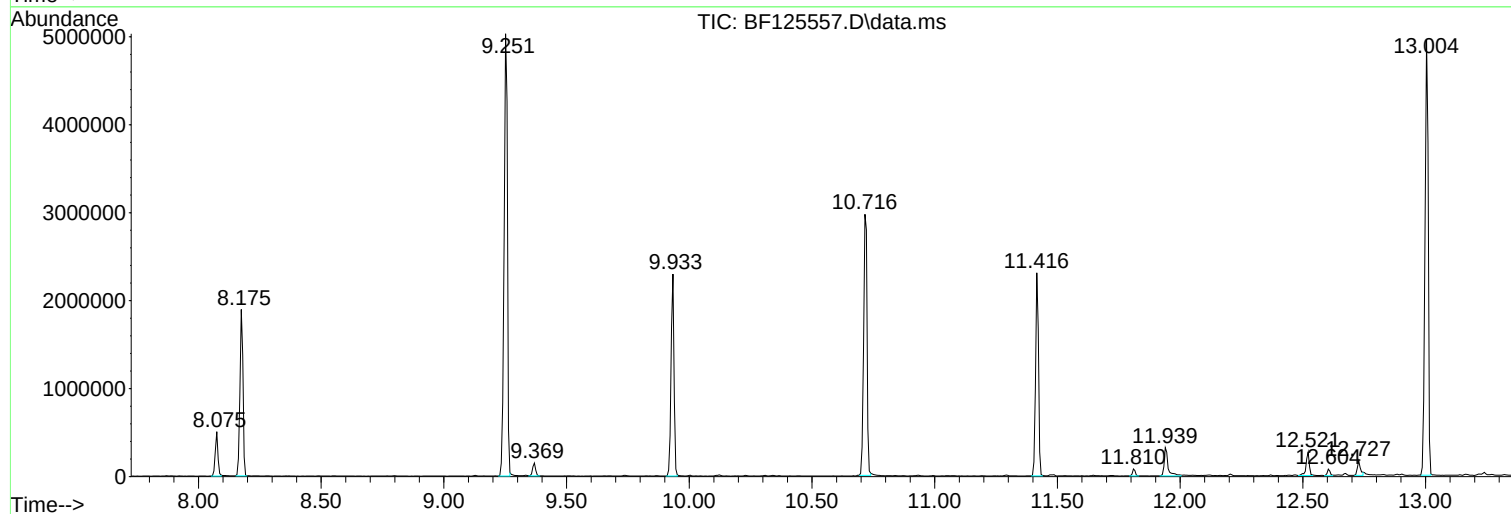
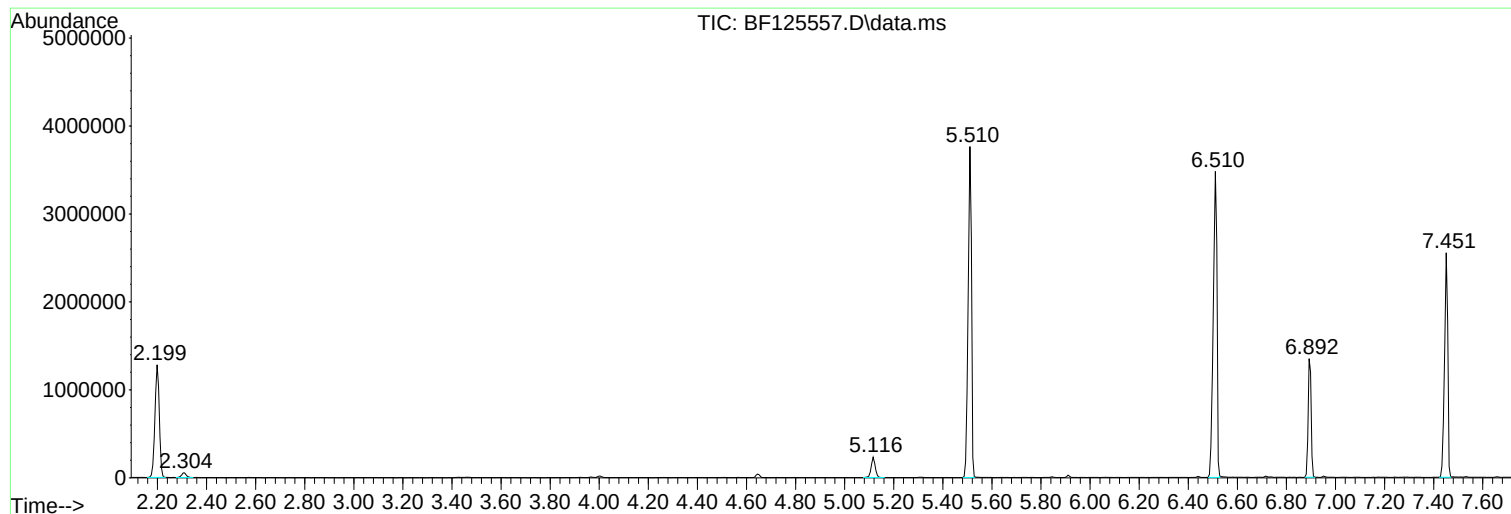
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Instrument :
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ClientSampleId :
NAPL-AREA-03-(25-27)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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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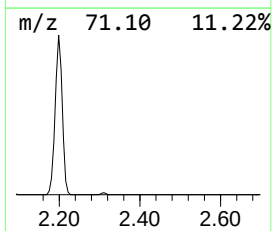
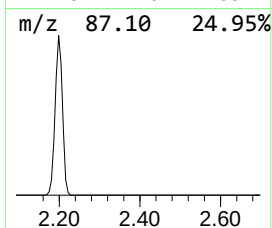
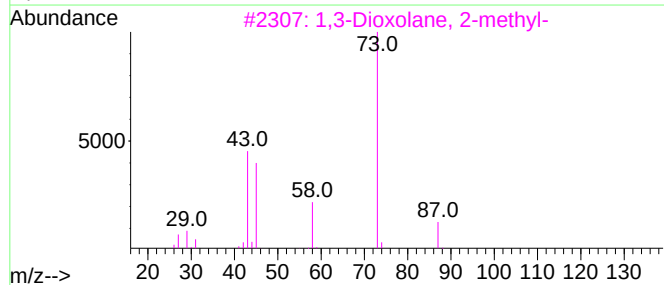
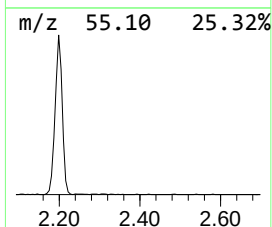
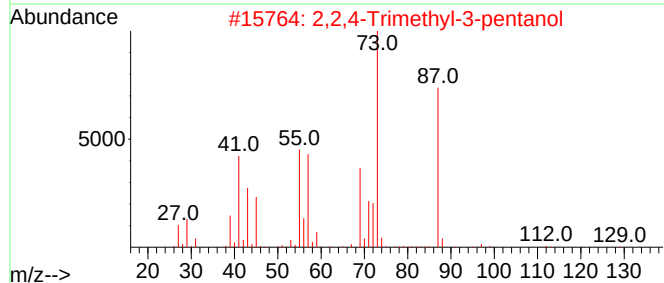
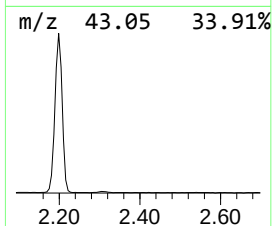
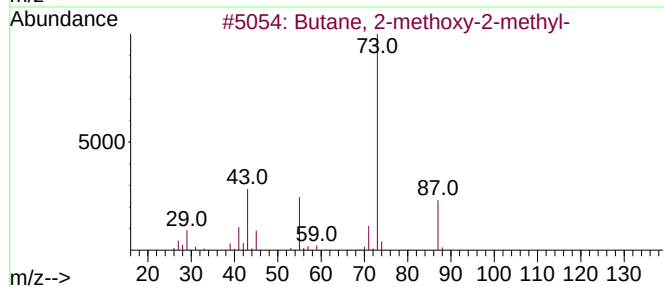
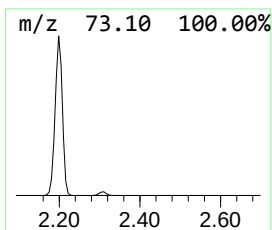
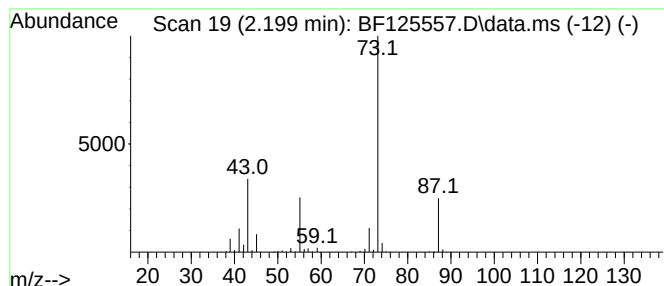
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	27.64 ng	1583130	1,4-Dichlorobenzene-d4	6.892

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	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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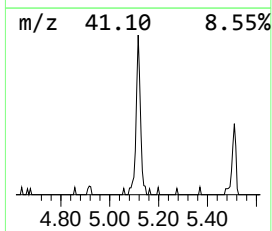
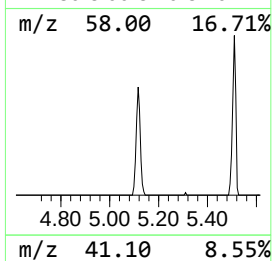
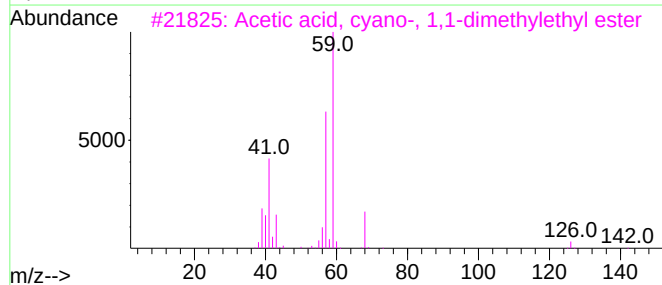
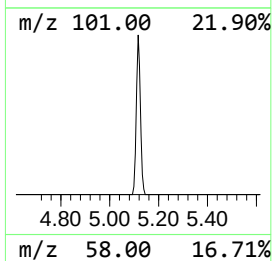
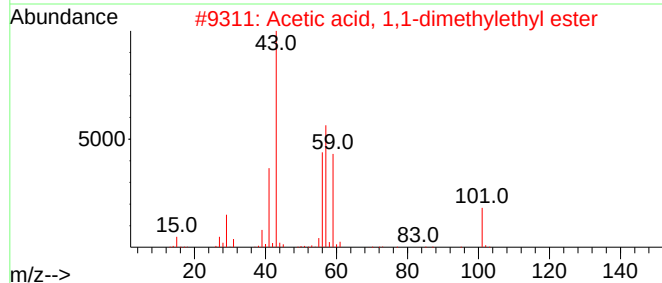
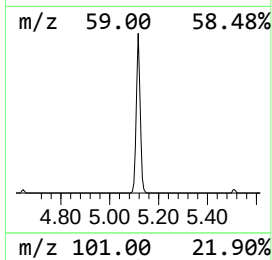
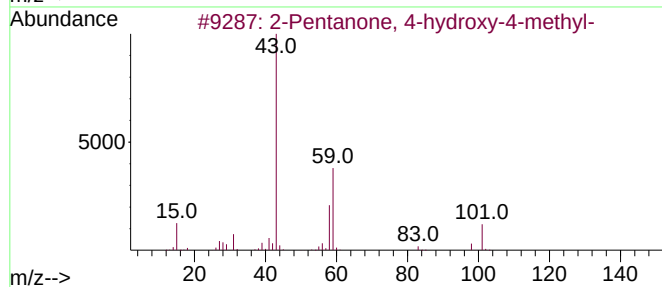
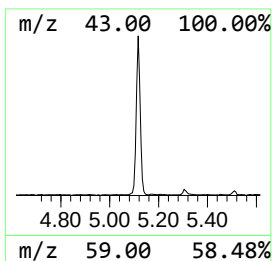
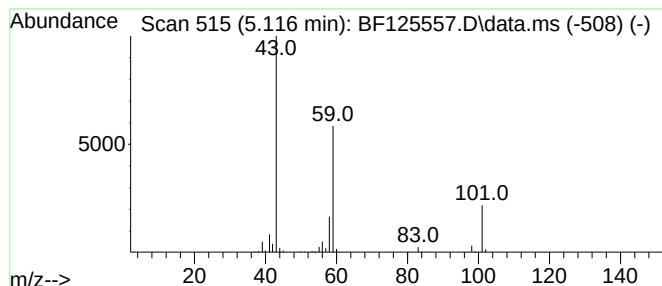
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	4.69 ng	268612	1,4-Dichlorobenzene-d4	6.892

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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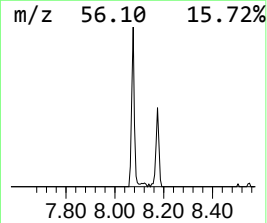
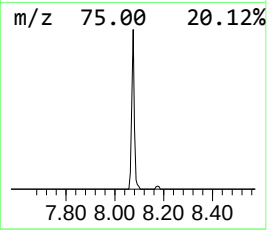
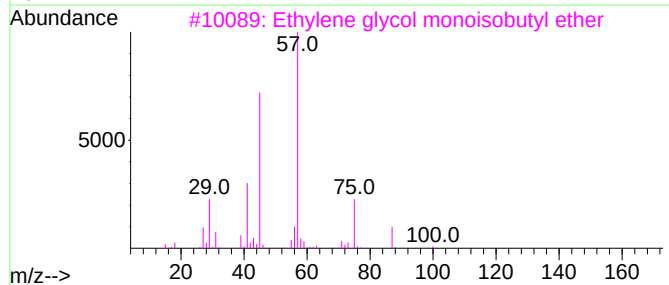
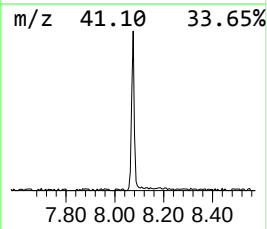
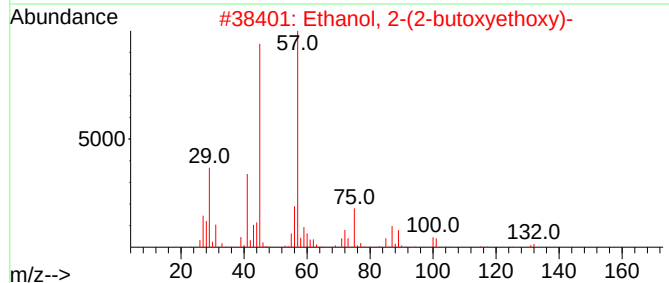
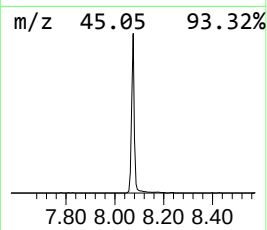
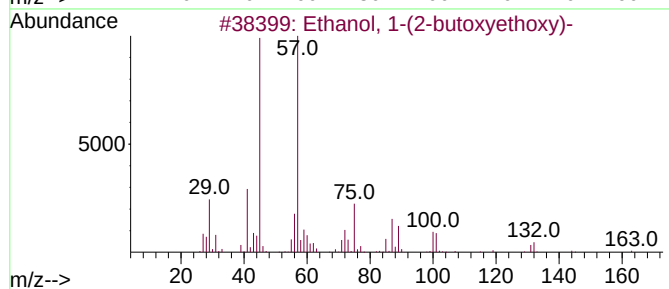
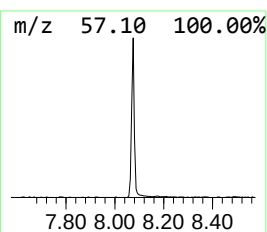
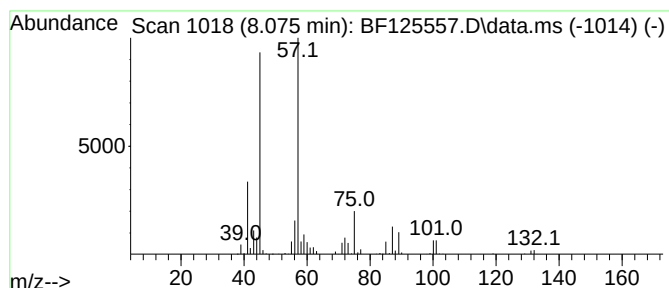
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	4.71 ng	382984	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	50



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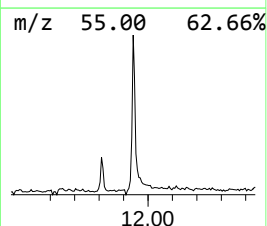
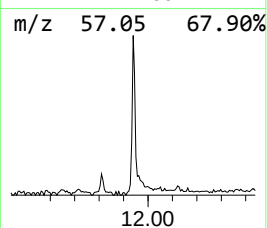
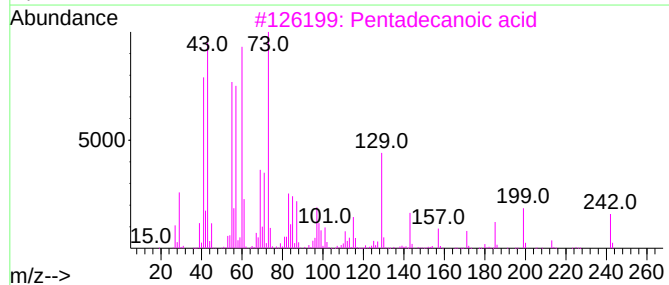
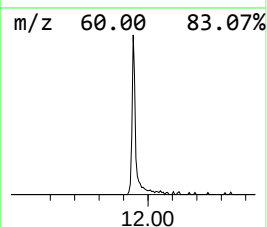
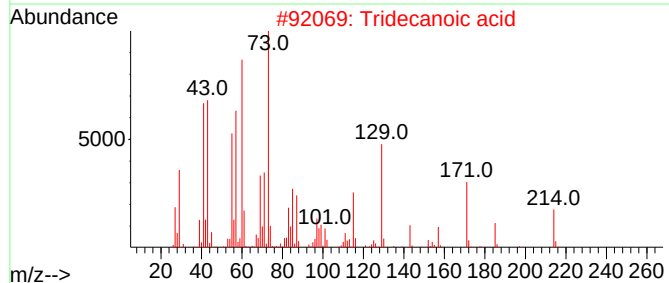
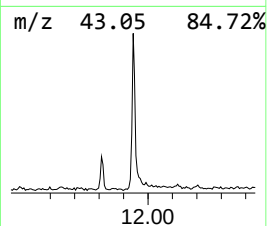
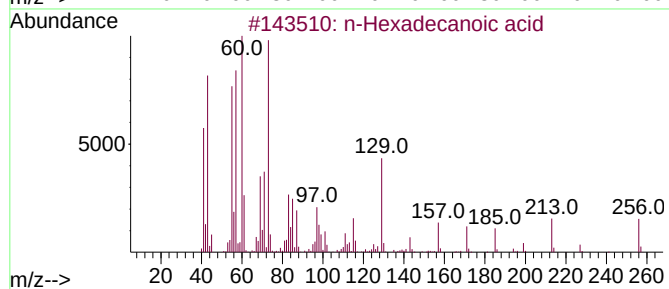
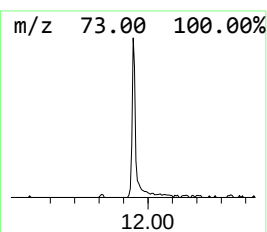
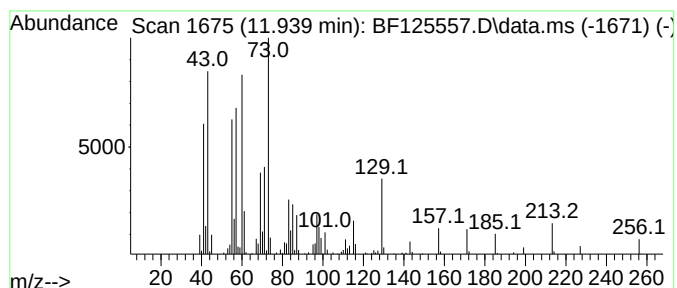
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.939	3.62 ng	346645	Phenanthrene-d10	11.416	
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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Nonanoic acid	158	C9H18O2	000112-05-0	45



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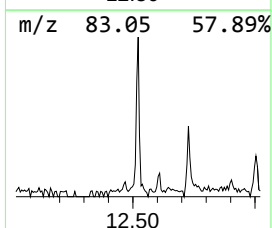
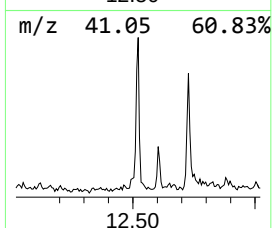
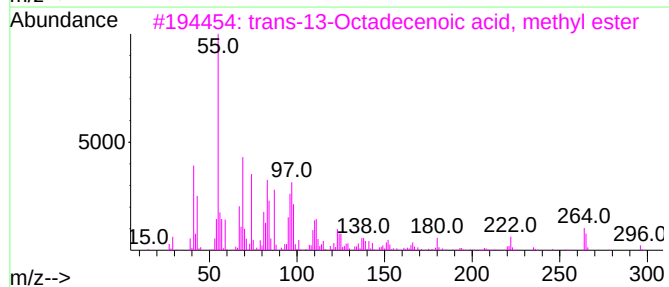
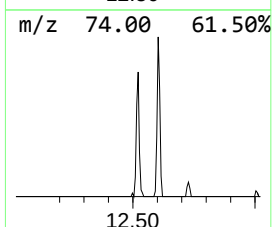
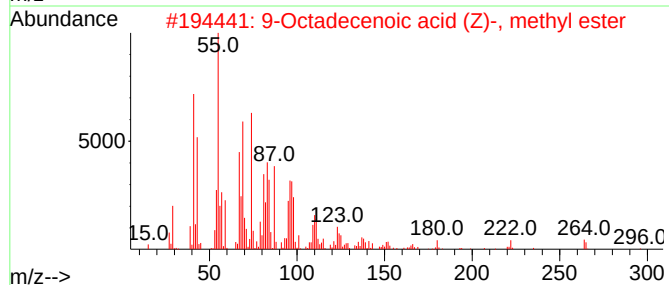
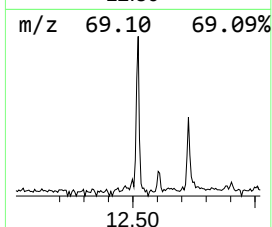
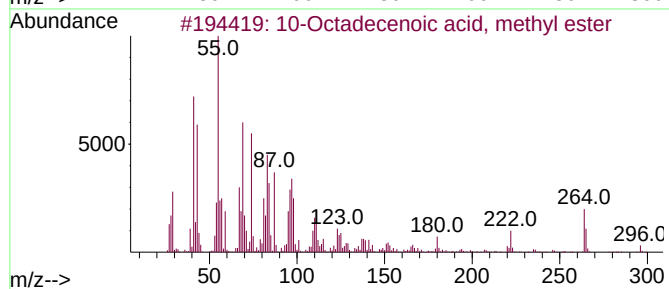
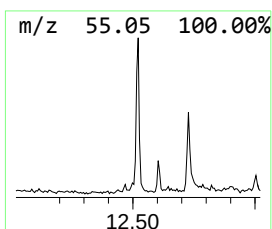
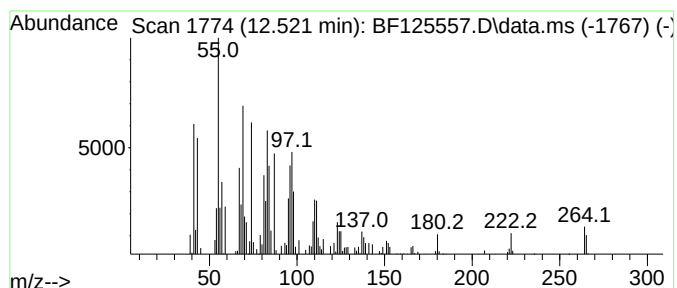
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 10-Octadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.521	2.46 ng	236005	Phenanthrene-d10	11.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91



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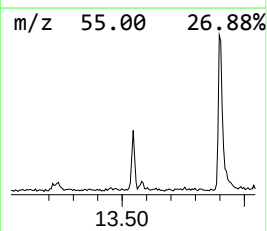
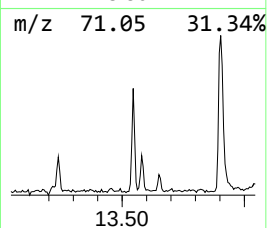
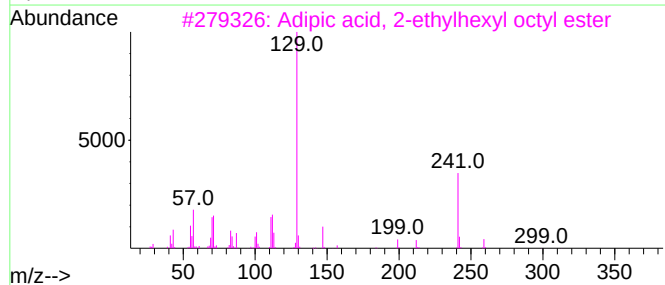
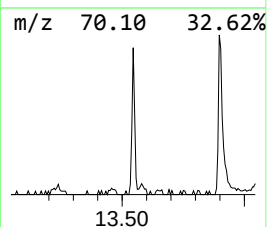
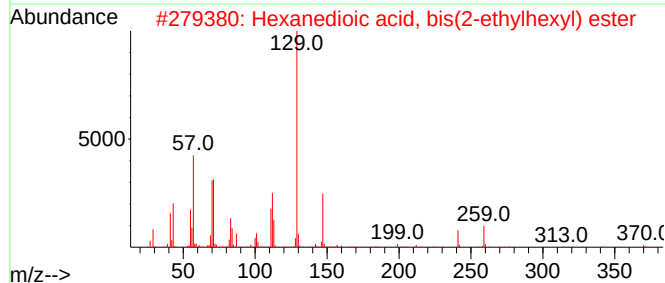
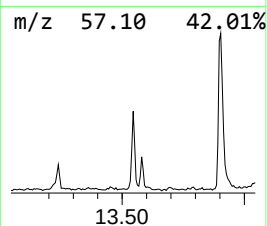
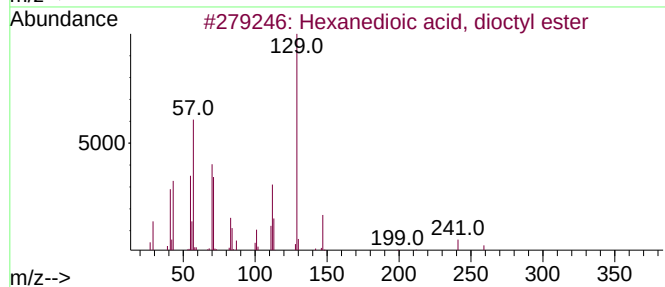
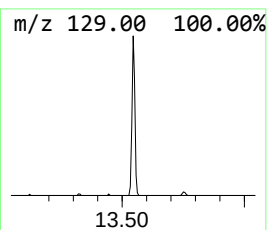
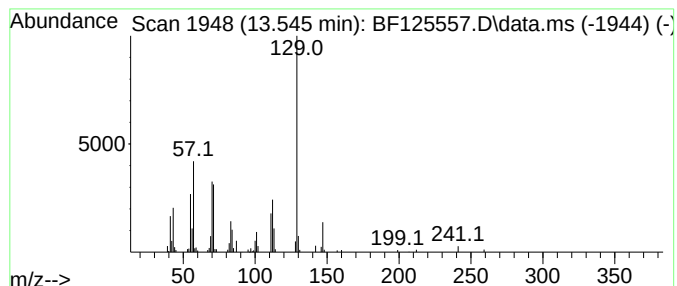
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexanedioic acid, dioctyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	2.24 ng	162588	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	94
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
4			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
5			Adipic acid, isohexyl 2-octyl ester	342	C20H38O4	1000324-44-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125557.D
Acq On : 22 Sep 2021 13:54
Operator : JU/CG
Sample : M3750-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

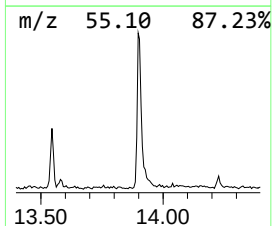
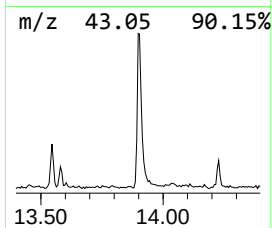
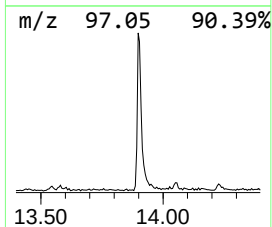
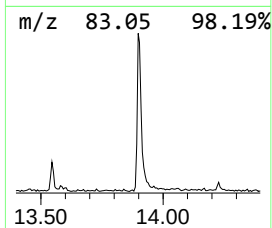
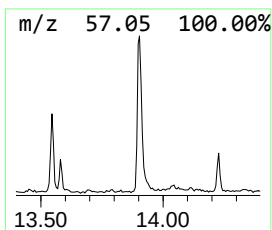
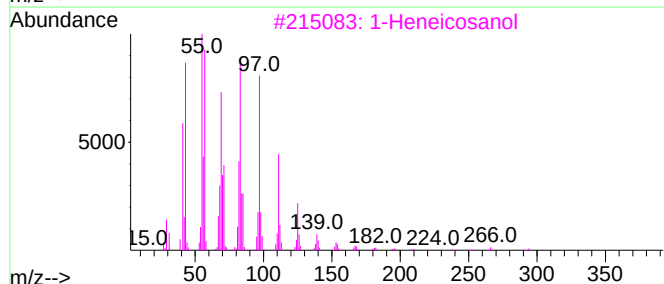
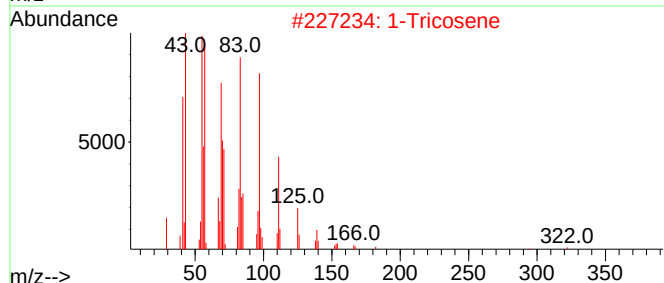
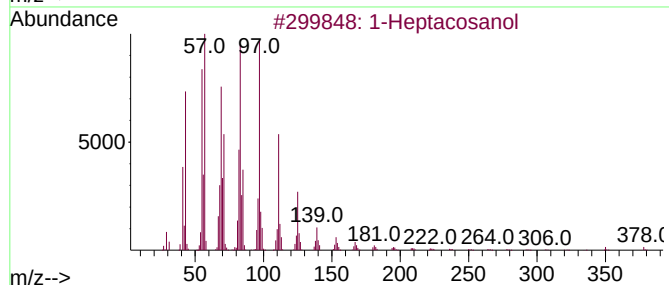
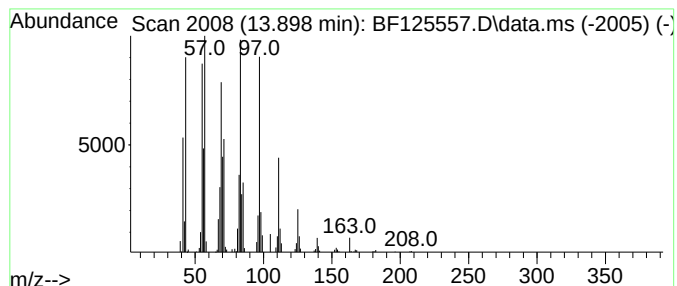
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	7.41 ng	536414	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	94
2			1-Tricosene	322	C23H46	018835-32-0	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5			1-Tetracosene	336	C24H48	010192-32-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125557.D
Acq On : 22 Sep 2021 13:54
Operator : JU/CG
Sample : M3750-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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
Butane, 2-metho...	2.199	27.6	ng	1583130	1	6.892	1145670	20.0
2-Pentanone, 4-...	5.116	4.7	ng	268612	1	6.892	1145670	20.0
Ethanol, 1-(2-b...	8.075	4.7	ng	382984	2	8.175	1626290	20.0
n-Hexadecanoic ...	11.939	3.6	ng	346645	4	11.416	1914930	20.0
10-Octadecenoic...	12.521	2.5	ng	236005	4	11.416	1914930	20.0
Hexanedioic aci...	13.545	2.2	ng	162588	5	14.057	1448600	20.0
1-Heptacosanol	13.898	7.4	ng	536414	5	14.057	1448600	20.0