

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125563.D
 Acq On : 22 Sep 2021 17:22
 Operator : JU/CG
 Sample : M3750-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-03-(10-12)-END-POINT

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: BF125563.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	7	15	22	rVB	1223928	1584372	36.34%	4.824%
2	2.281	25	33	40	rVB	52614	67723	1.55%	0.206%
3	5.110	505	514	520	rBV	199777	237637	5.45%	0.724%
4	5.510	577	582	585	rBV	3431247	3274161	75.10%	9.969%
5	6.510	747	752	755	rBV	3372585	3255710	74.68%	9.913%
6	6.892	814	817	821	rBV	1197547	964111	22.12%	2.935%
7	7.451	907	912	915	rBV	2399782	2086334	47.86%	6.352%
8	8.075	1014	1018	1027	rBV	392141	311025	7.13%	0.947%
9	8.175	1031	1035	1039	rVB	1682723	1373589	31.51%	4.182%
10	9.251	1214	1218	1221	rBV	4883910	4284461	98.28%	13.045%
11	9.933	1330	1334	1337	rBV	1865537	1617489	37.10%	4.925%
12	10.716	1463	1467	1470	rBV	3081614	2656008	60.93%	8.087%
13	11.416	1582	1586	1589	rBV	2115297	1685269	38.66%	5.131%
14	11.810	1650	1653	1657	rVB	67620	51243	1.18%	0.156%
15	11.939	1670	1675	1686	rBV2	363735	382331	8.77%	1.164%
16	12.515	1771	1773	1777	rVB	148524	127865	2.93%	0.389%
17	12.727	1805	1809	1818	rBV	161402	180002	4.13%	0.548%
18	12.827	1822	1826	1829	rVV	57348	53582	1.23%	0.163%
19	13.004	1852	1856	1859	rBV	4924440	4359467	100.00%	13.274%
20	13.480	1930	1937	1944	rBV	857912	898645	20.61%	2.736%
21	13.545	1944	1948	1952	rVB3	51103	81318	1.87%	0.248%
22	13.898	2004	2008	2019	rBV4	229049	373987	8.58%	1.139%
23	14.057	2024	2035	2038	rBV	1564348	1529788	35.09%	4.658%
24	14.227	2060	2064	2066	rBV	67656	56475	1.30%	0.172%
25	14.533	2112	2116	2120	rBV	68641	73758	1.69%	0.225%
26	14.845	2165	2169	2173	rVB	53860	54505	1.25%	0.166%
27	15.192	2224	2228	2236	rVB2	45028	57814	1.33%	0.176%
28	15.533	2281	2286	2291	rBV	942800	1111255	25.49%	3.384%
29	15.580	2291	2294	2299	rVB2	42791	53402	1.22%	0.163%

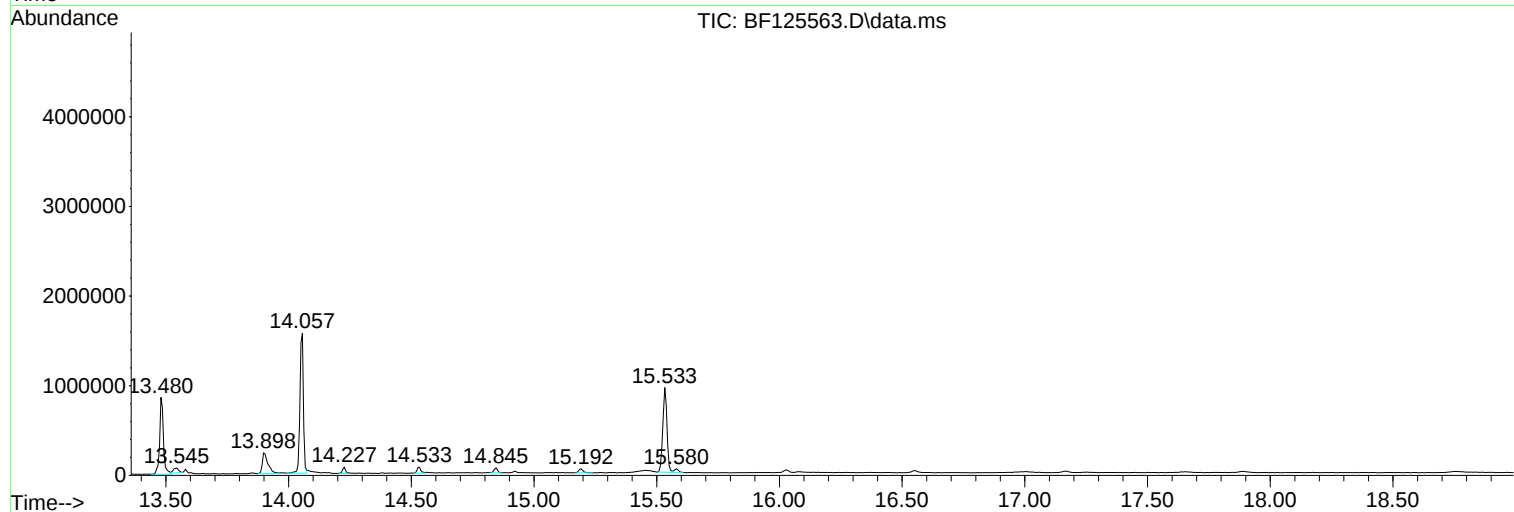
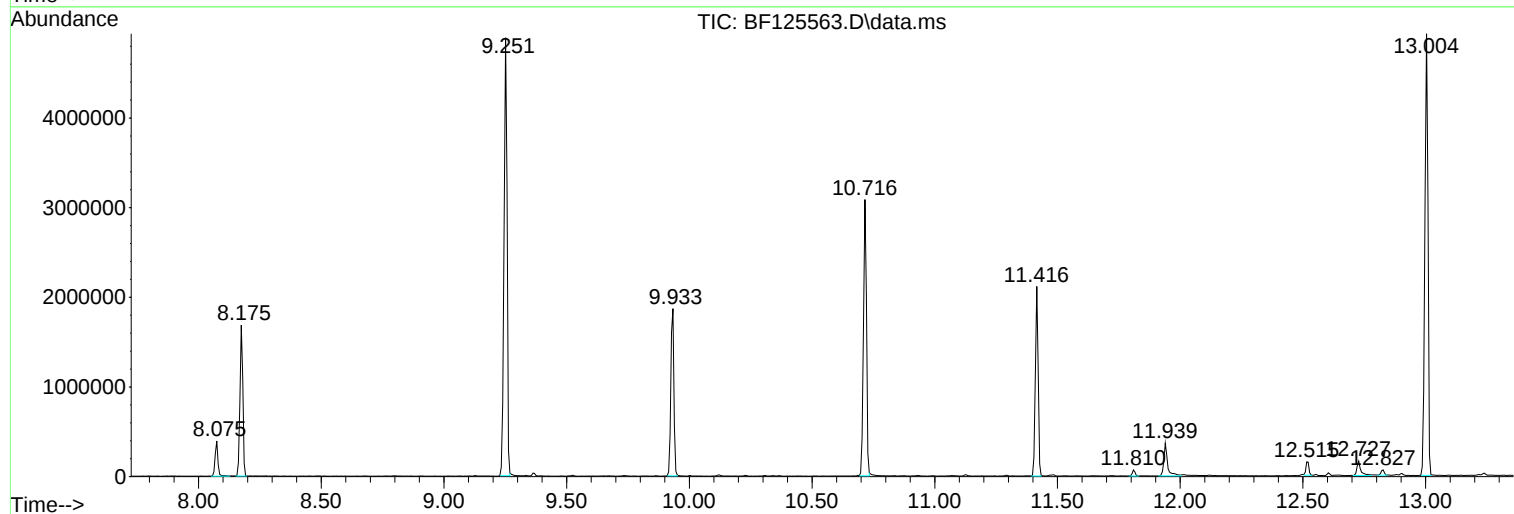
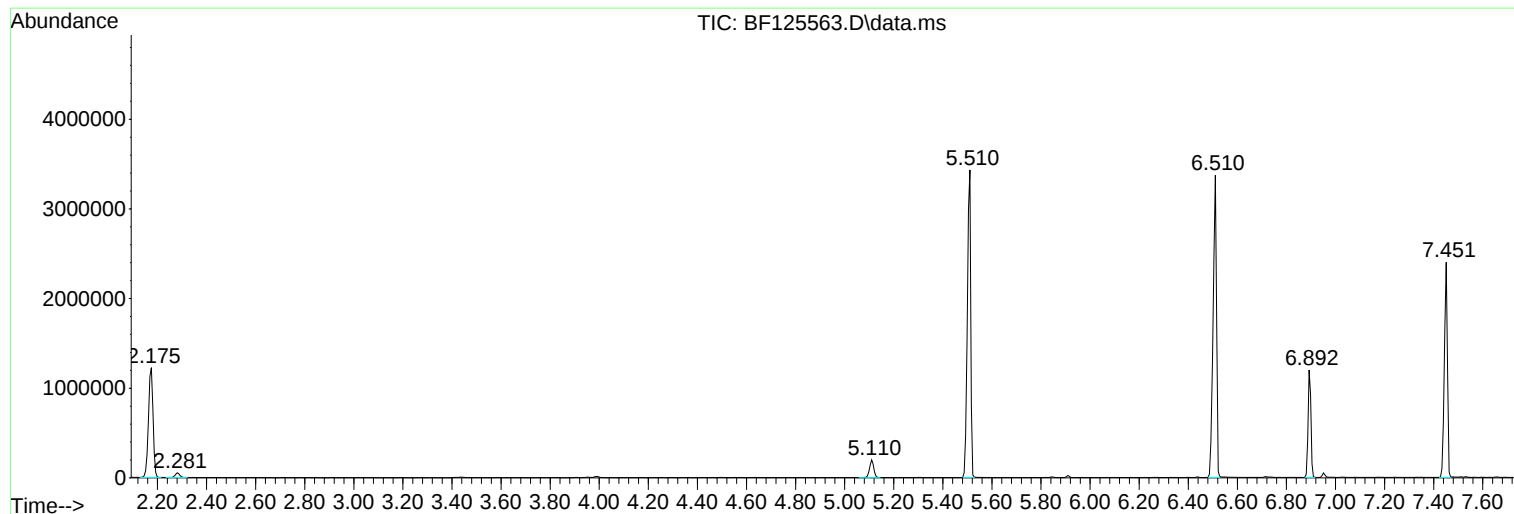
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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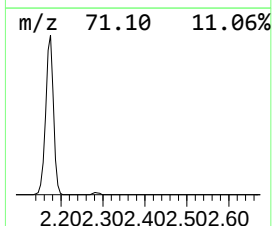
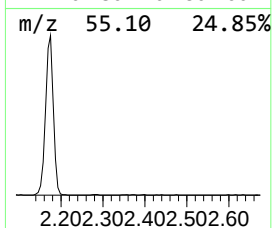
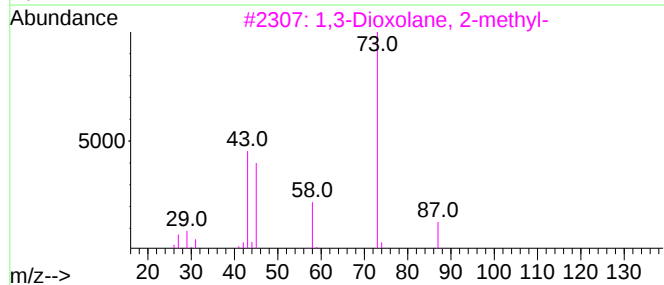
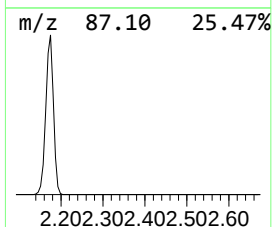
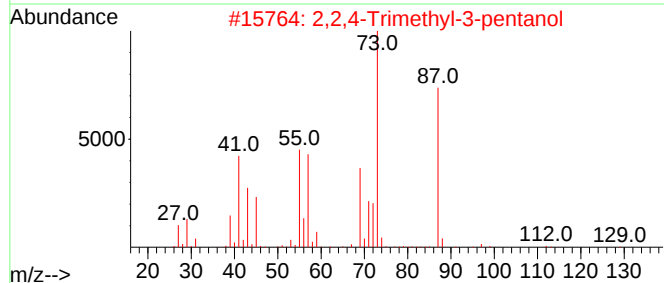
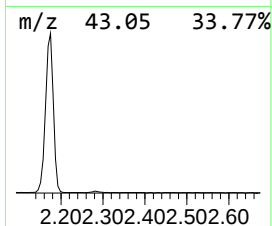
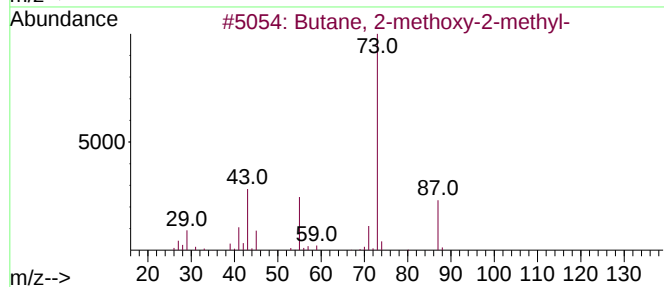
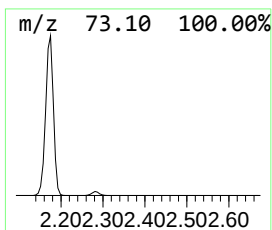
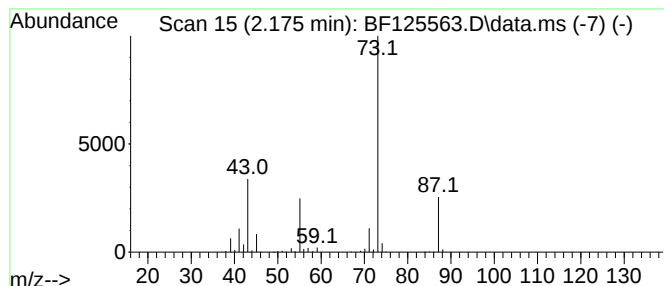
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	32.87 ng	1584370	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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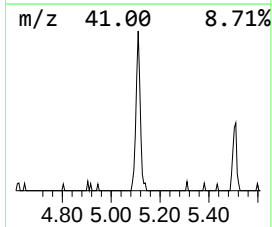
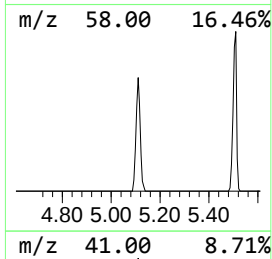
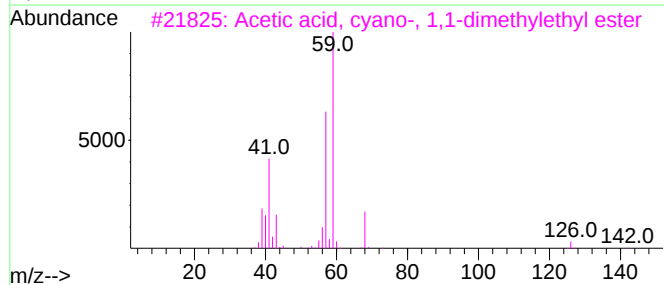
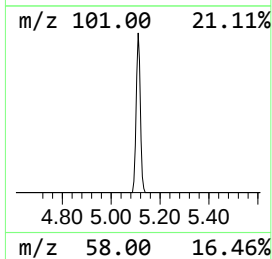
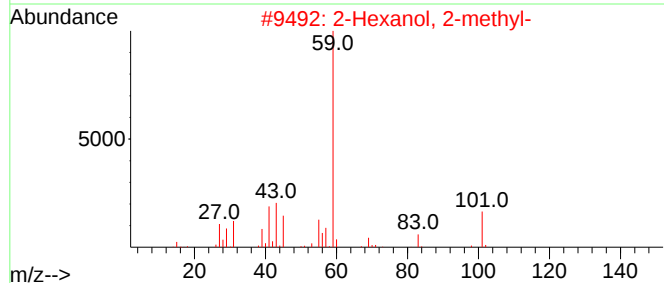
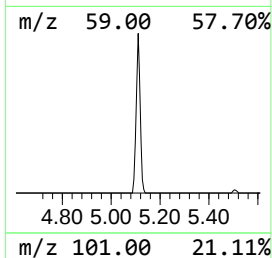
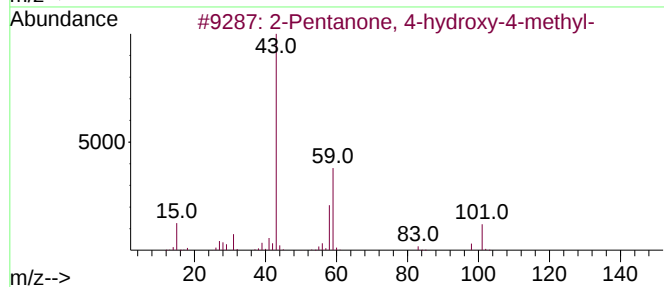
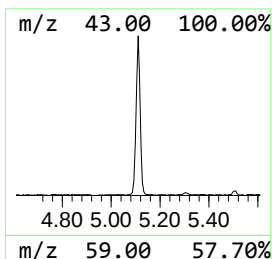
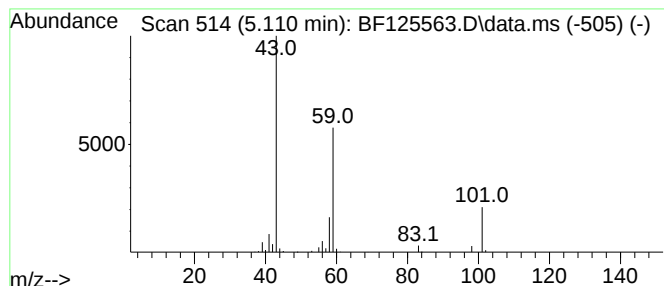
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	4.93 ng	237637	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	56
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			5-Hexen-2-one	98	C6H10O	000109-49-9	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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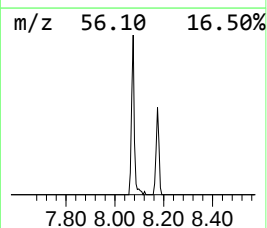
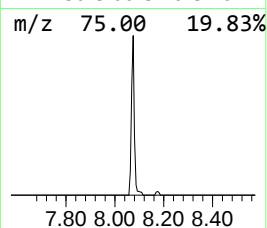
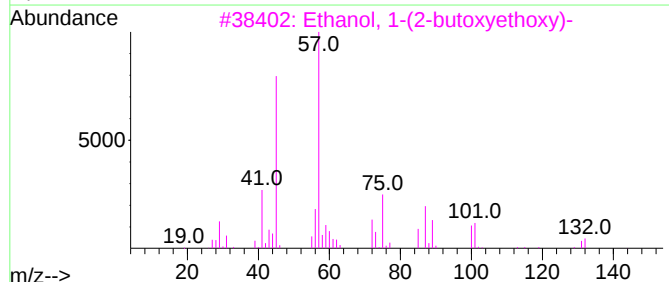
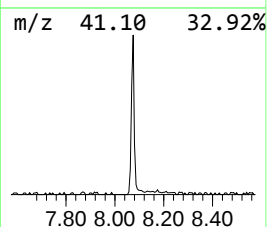
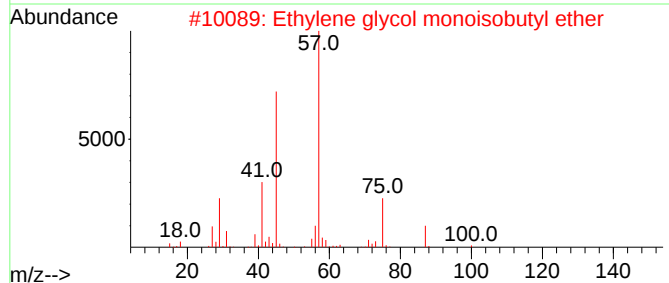
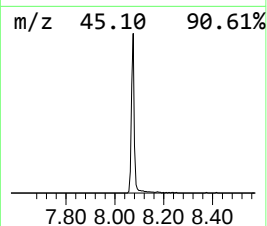
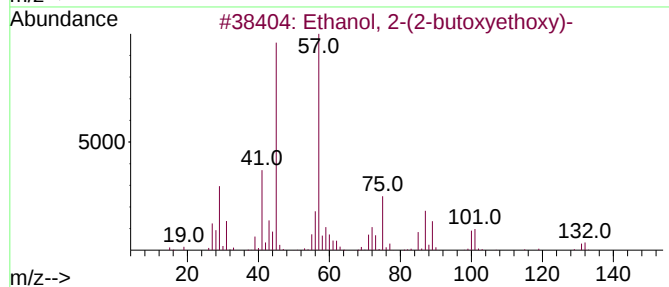
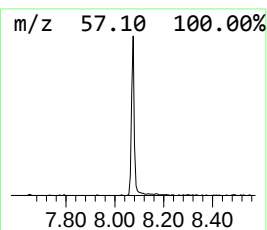
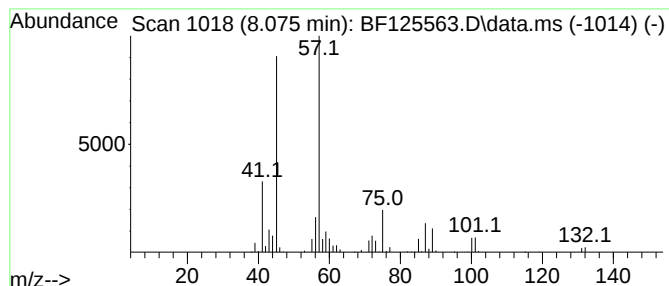
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	4.53 ng	311025	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	58
4			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



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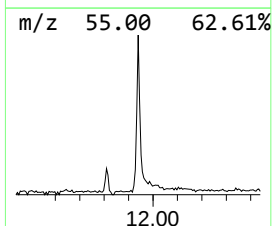
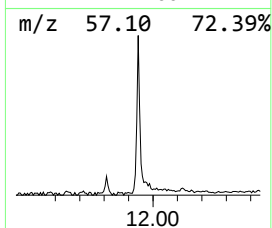
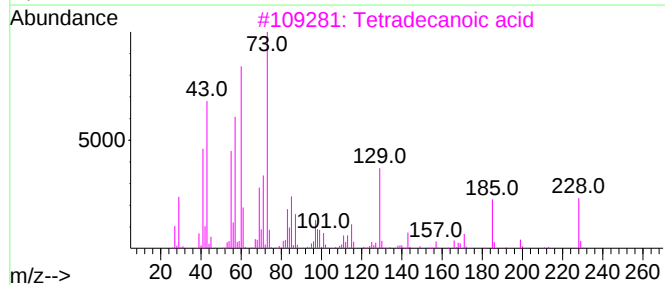
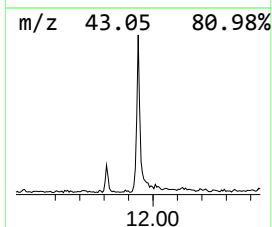
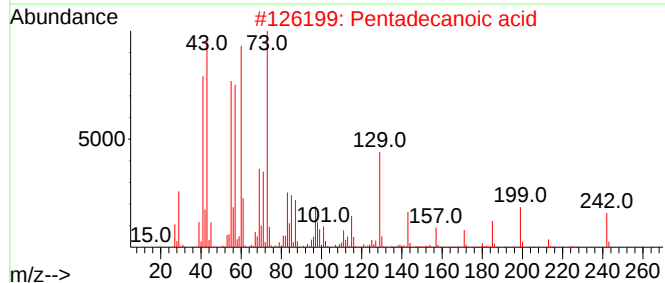
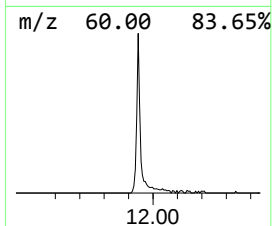
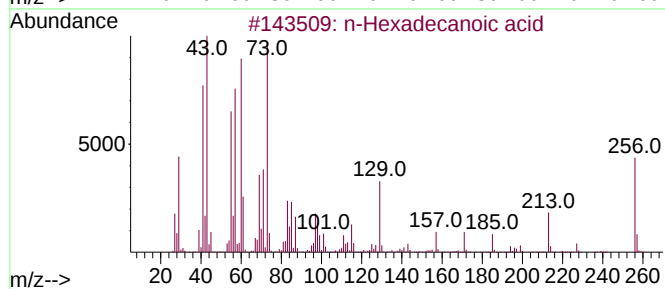
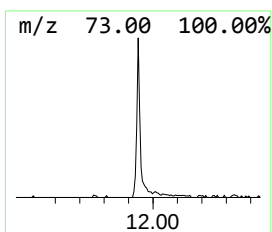
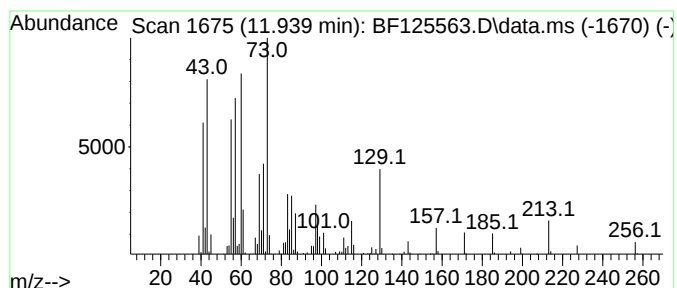
Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.939	4.54 ng	382331	Phenanthrene-d10		11.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	86
4	Dodecanoic acid		200	C12H24O2	000143-07-7	74
5	n-Decanoic acid		172	C10H20O2	000334-48-5	68



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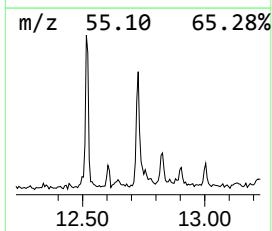
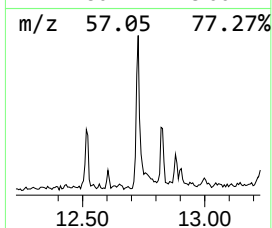
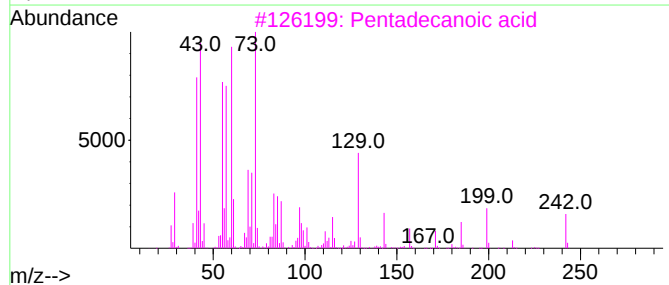
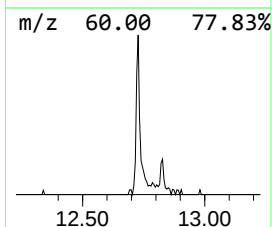
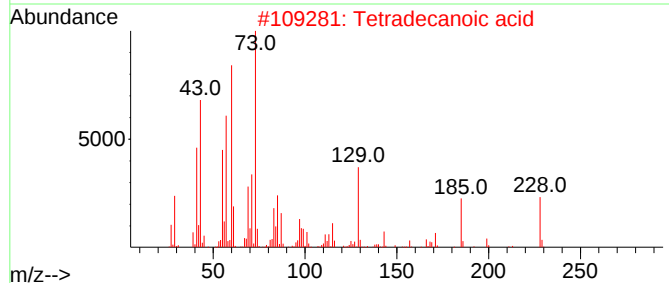
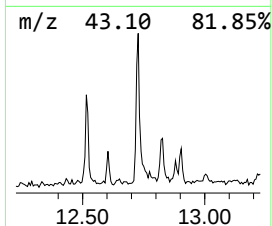
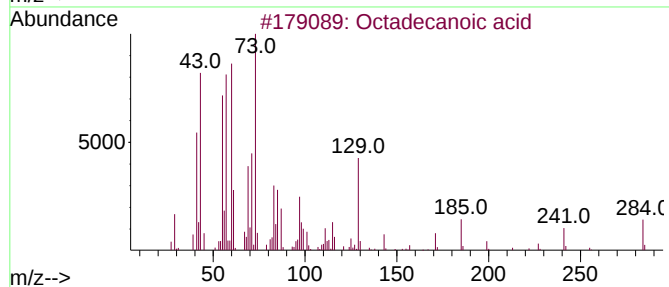
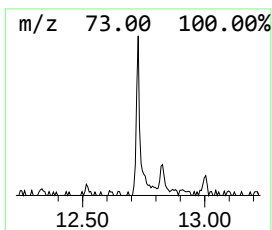
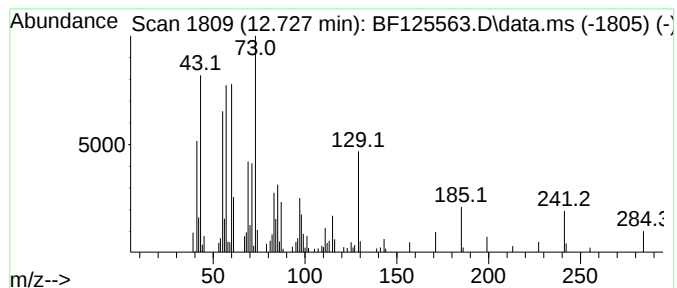
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	2.14 ng	180002	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NO5	029926-41-8	38



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ALS Vial : 5 Sample Multiplier: 1

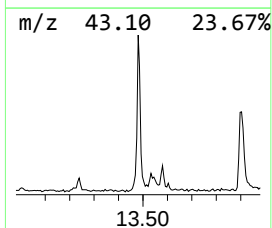
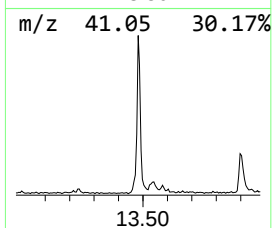
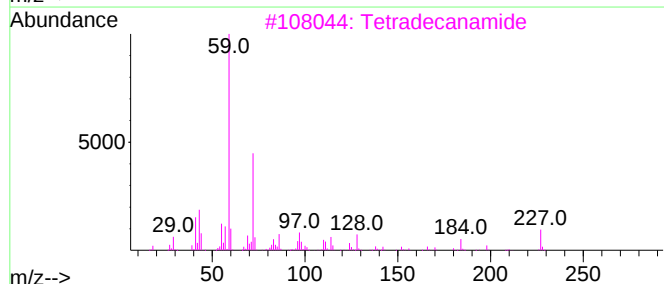
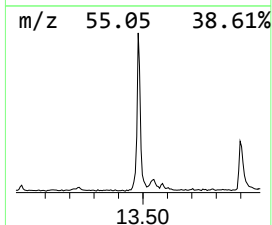
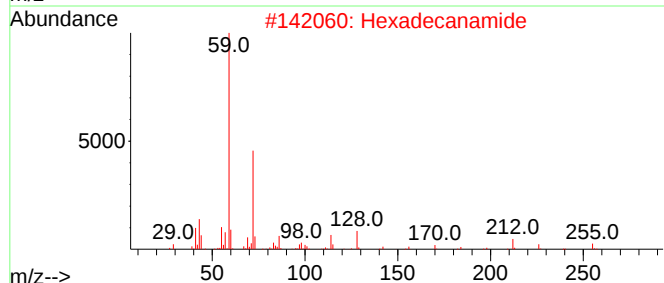
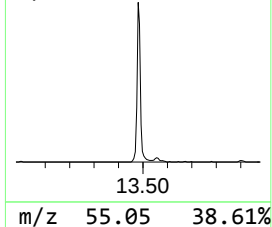
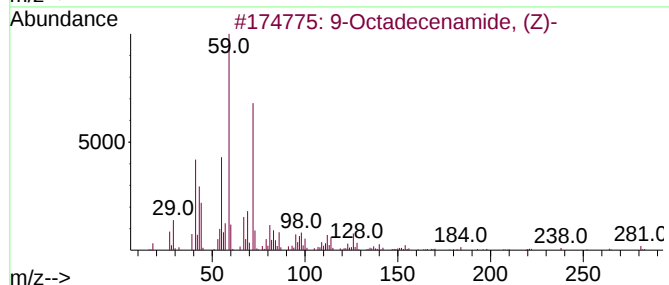
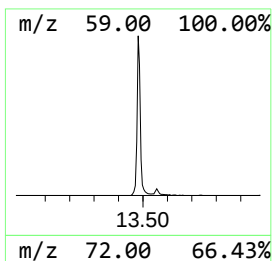
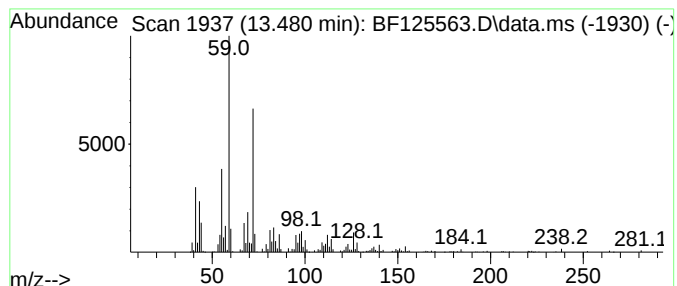
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

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

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.480	11.75 ng	898645	Chrysene-d12		14.057	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	98
2	Hexadecanamide		255	C16H33NO	000629-54-9	72
3	Tetradecanamide		227	C14H29NO	000638-58-4	64
4	Palmitoleamide		253	C16H31NO	106010-22-4	53
5	Pentadecanamide, 15-bromo-		319	C15H30BrNO	1000163-86-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125563.D
Acq On : 22 Sep 2021 17:22
Operator : JU/CG
Sample : M3750-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

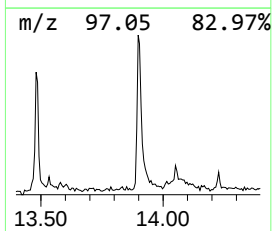
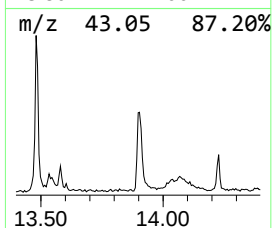
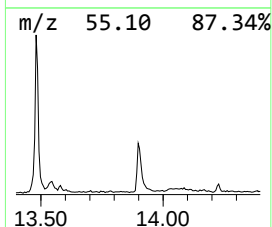
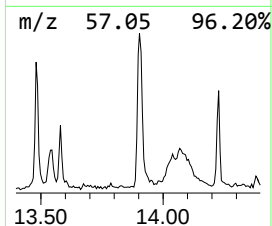
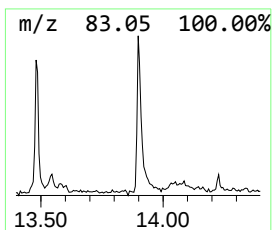
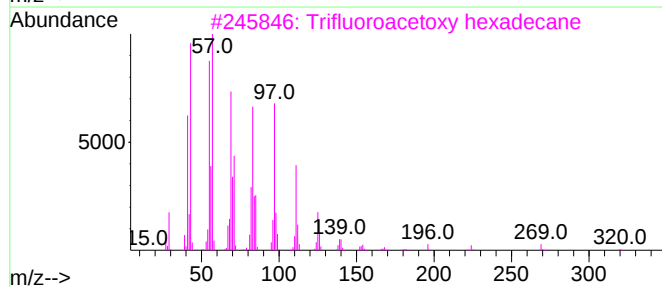
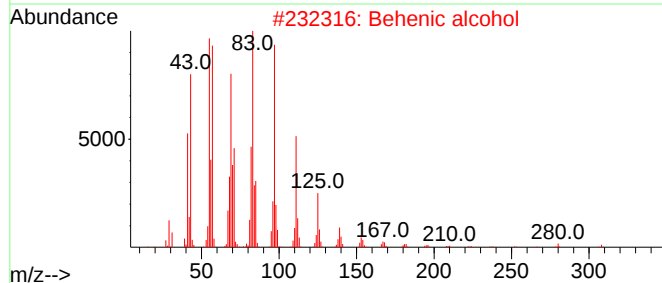
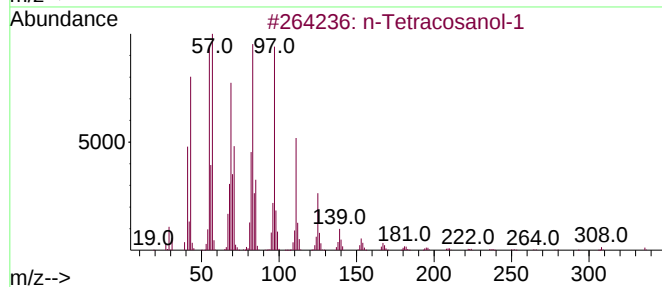
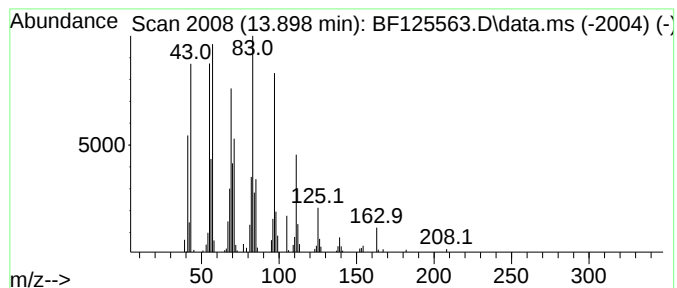
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.89 ng	373987	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2			Behenic alcohol	326	C22H46O	000661-19-8	95
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125563.D
Acq On : 22 Sep 2021 17:22
Operator : JU/CG
Sample : M3750-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.175	32.9	ng	1584370	1	6.892	964111	20.0
2-Pentanone, 4-...	5.110	4.9	ng	237637	1	6.892	964111	20.0
Ethanol, 2-(2-b...	8.075	4.5	ng	311025	2	8.175	1373590	20.0
n-Hexadecanoic ...	11.939	4.5	ng	382331	4	11.416	1685270	20.0
Octadecanoic acid	12.727	2.1	ng	180002	4	11.416	1685270	20.0
9-Octadecenamid...	13.480	11.8	ng	898645	5	14.057	1529790	20.0
n-Tetracosanol-1	13.898	4.9	ng	373987	5	14.057	1529790	20.0