

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125568.D
 Acq On : 22 Sep 2021 20:07
 Operator : JU/CG
 Sample : M3733-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-02-(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: BF125568.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	8	14	20	rVB	983212	1249534	31.04%	4.079%
2	2.275	26	32	37	rVB2	37723	51564	1.28%	0.168%
3	5.104	509	513	521	rVB	111536	138125	3.43%	0.451%
4	5.504	576	581	585	rBV	3041424	2964716	73.64%	9.679%
5	6.510	747	752	755	rBV	3178845	2944679	73.14%	9.613%
6	6.892	814	817	821	rVB	1253706	980420	24.35%	3.201%
7	7.451	907	912	915	rBV	2286761	1896735	47.11%	6.192%
8	8.075	1014	1018	1021	rBV	1629364	1290237	32.05%	4.212%
9	8.175	1031	1035	1038	rBV	1780691	1394895	34.65%	4.554%
10	9.251	1214	1218	1221	rBV	4847528	3922282	97.42%	12.805%
11	9.369	1235	1238	1242	rVB	184724	167749	4.17%	0.548%
12	9.928	1330	1333	1337	rBV	1755098	1631422	40.52%	5.326%
13	10.716	1463	1467	1470	rBV	2843524	2345147	58.25%	7.656%
14	11.416	1582	1586	1589	rBV	2118403	1658110	41.18%	5.413%
15	11.810	1650	1653	1657	rBV	140382	106413	2.64%	0.347%
16	11.939	1671	1675	1680	rBV	214688	201152	5.00%	0.657%
17	12.516	1771	1773	1780	rVB	195811	168514	4.19%	0.550%
18	12.604	1785	1788	1791	rBV	92337	67590	1.68%	0.221%
19	12.721	1805	1808	1816	rBV	76206	91104	2.26%	0.297%
20	13.004	1852	1856	1859	rBV	4681197	4026064	100.00%	13.144%
21	13.480	1930	1937	1945	rBV	474316	465001	11.55%	1.518%
22	13.898	2004	2008	2019	rBV3	309987	393779	9.78%	1.286%
23	14.051	2030	2034	2038	rBV	1490582	1372049	34.08%	4.479%
24	15.533	2280	2286	2291	rBV	918981	1103754	27.42%	3.603%

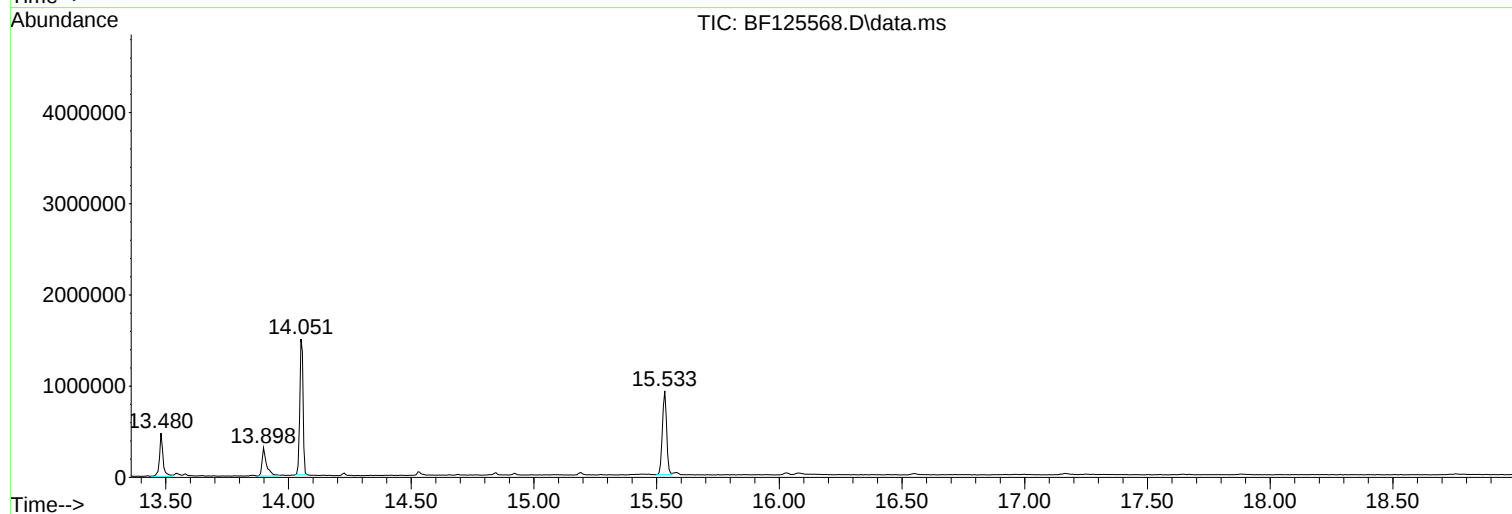
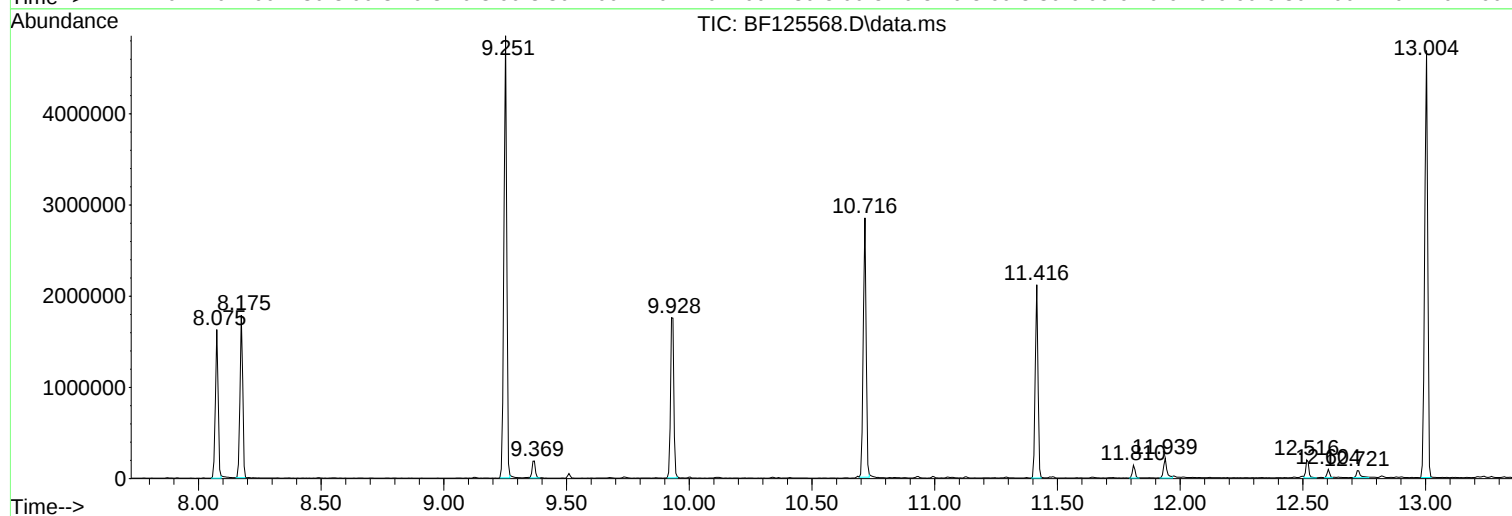
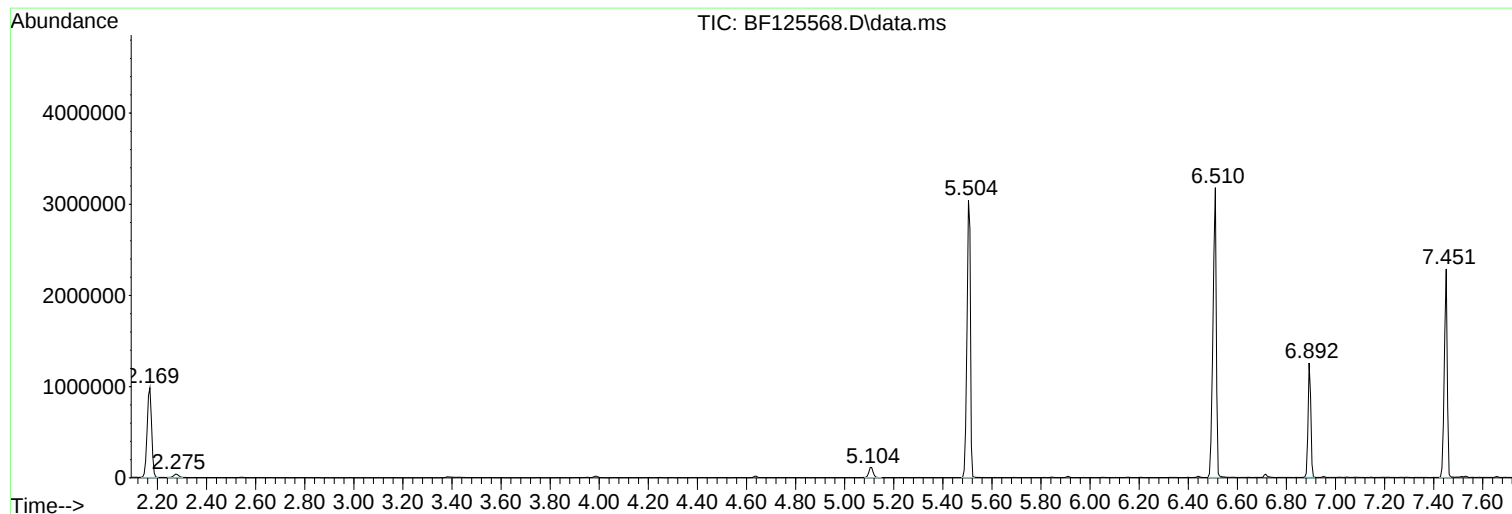
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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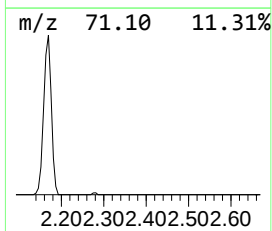
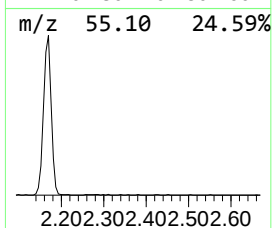
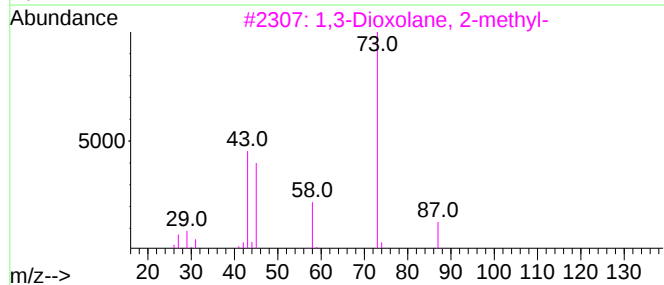
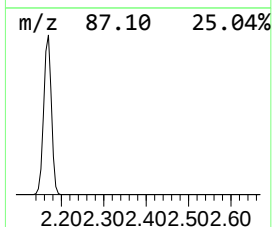
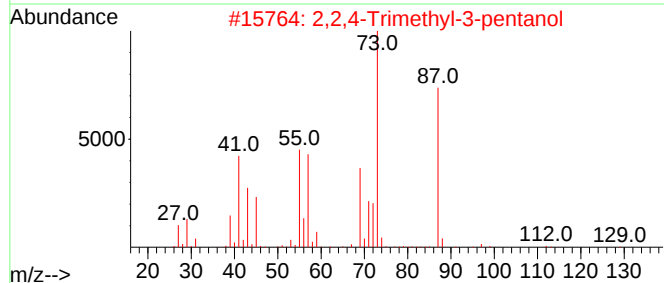
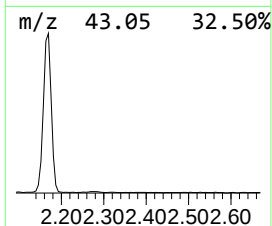
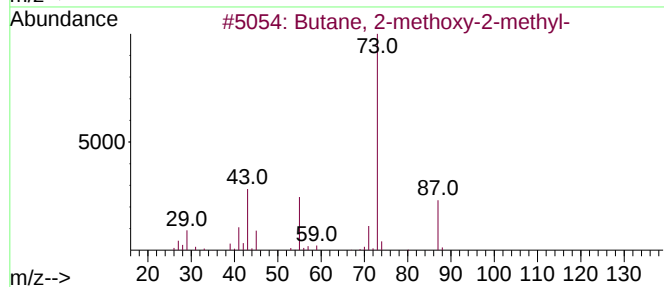
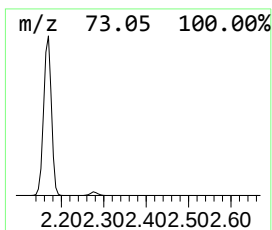
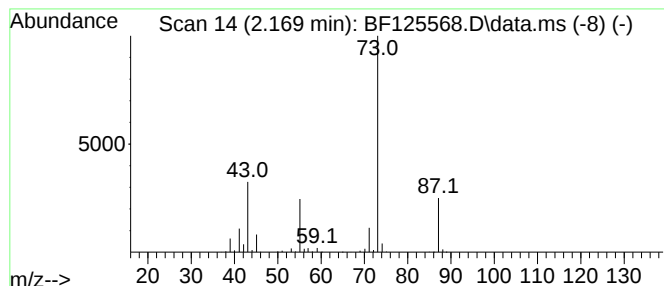
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.169	25.49 ng	1249530	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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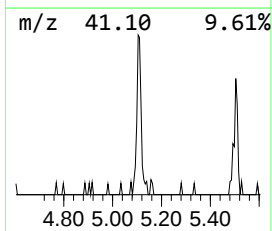
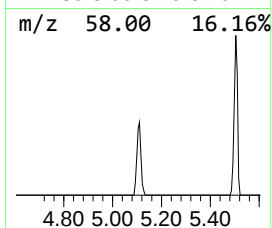
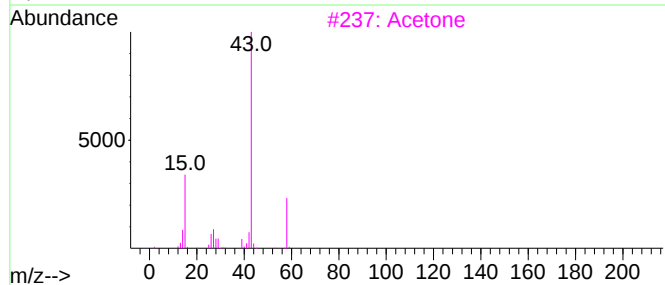
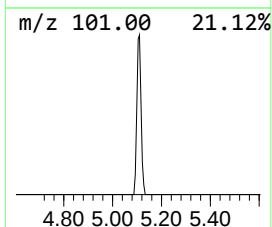
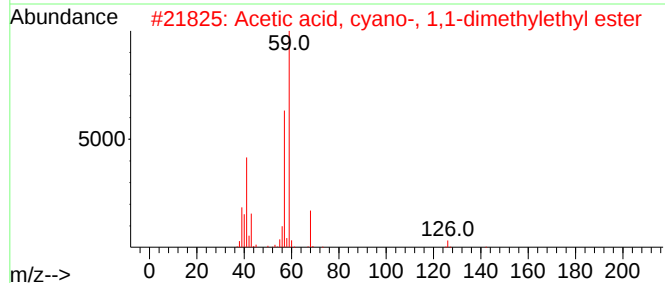
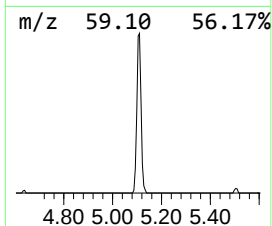
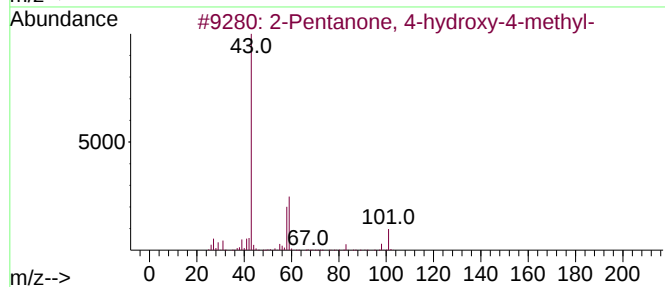
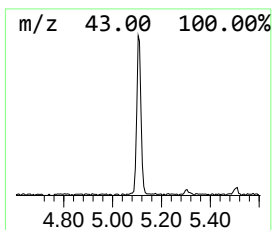
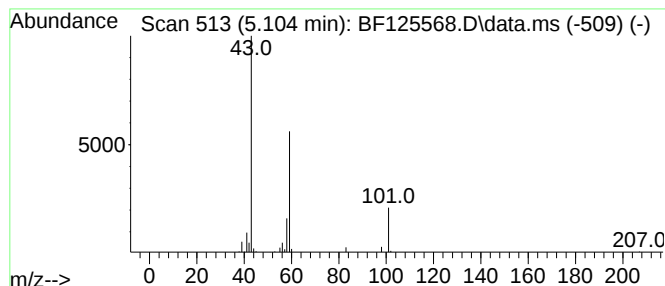
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	2.82 ng	138125	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			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			Acetone	58	C3H6O	000067-64-1	10
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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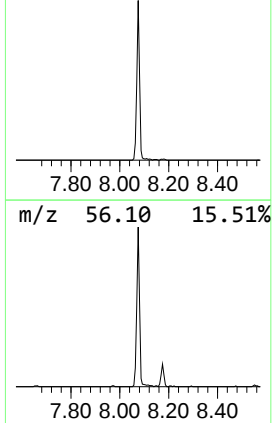
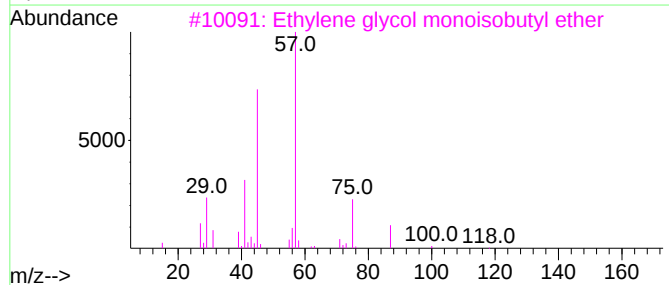
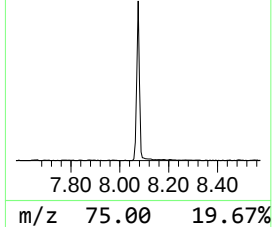
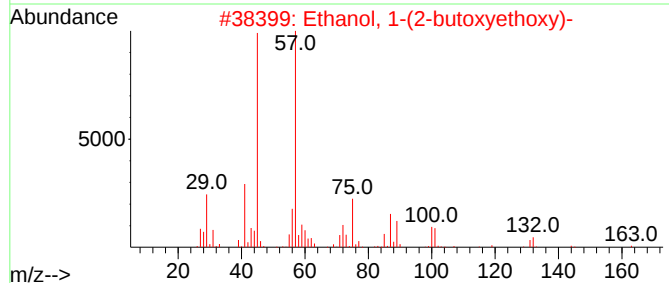
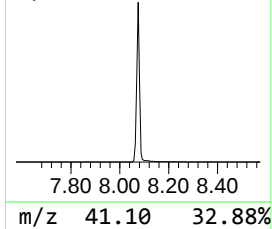
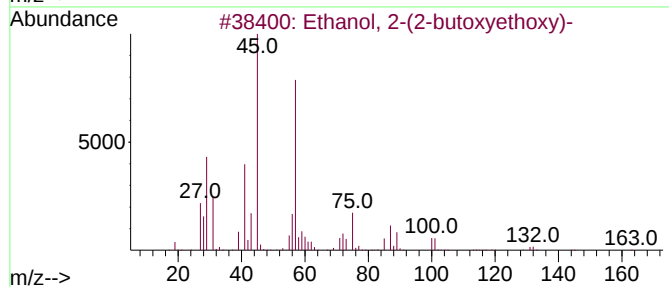
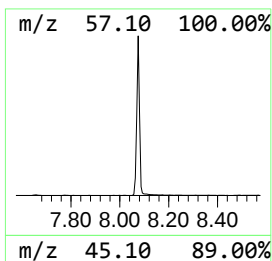
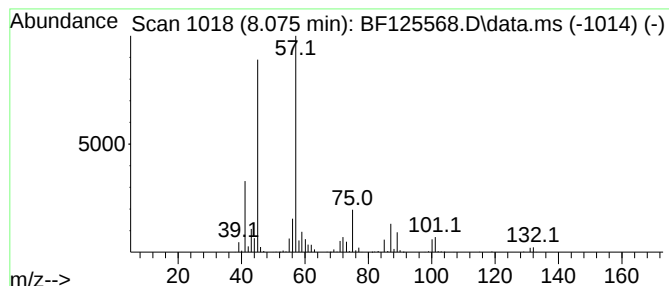
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	18.50 ng	1290240	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
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			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



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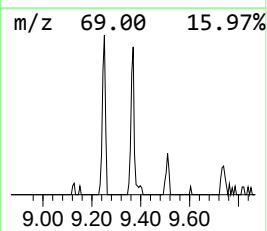
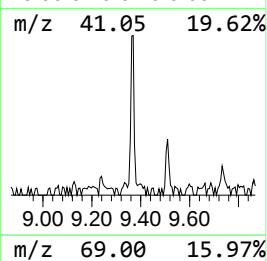
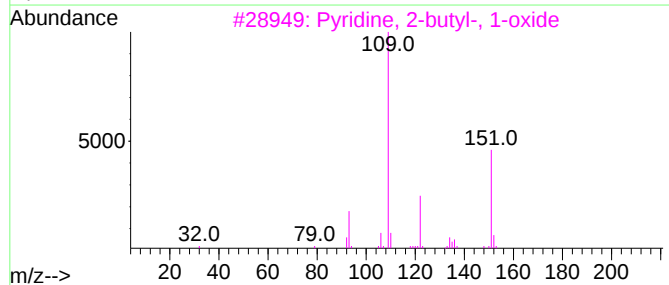
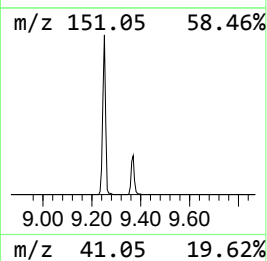
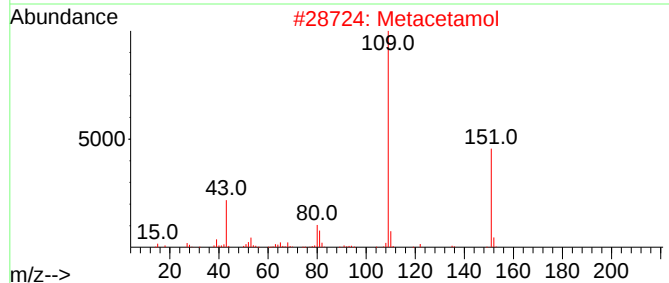
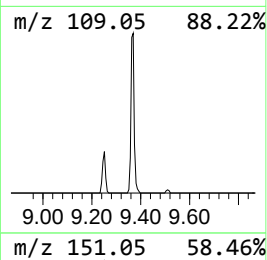
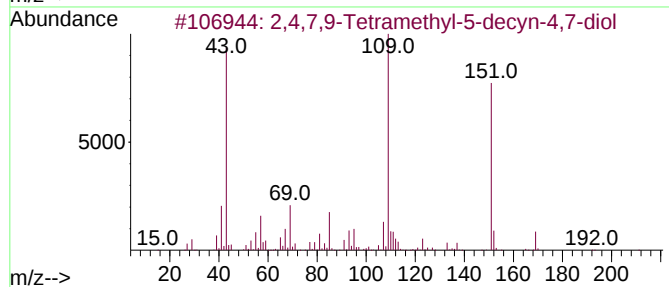
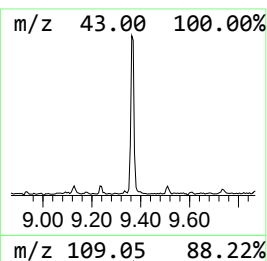
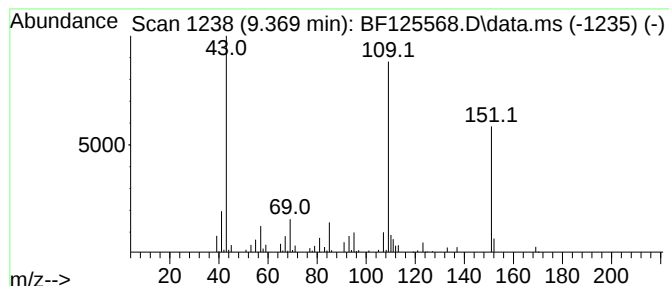
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Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	2.06 ng	167749	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91	
2	Metacetamol	151	C8H9NO2	000621-42-1	53	
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53	
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53	
5	1,4-dihydroxy-p-menth-2-ene	170	C10H18O2	1000374-16-9	43	



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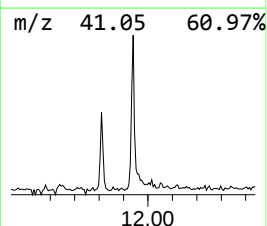
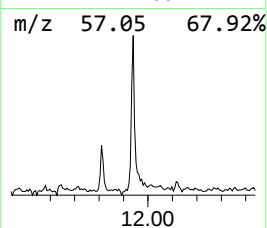
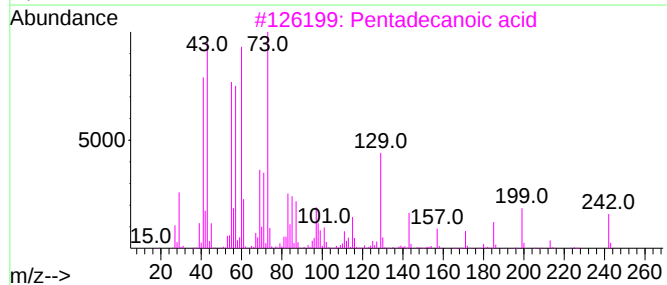
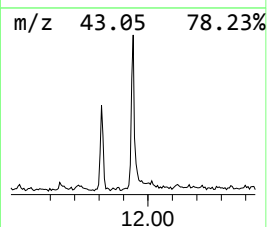
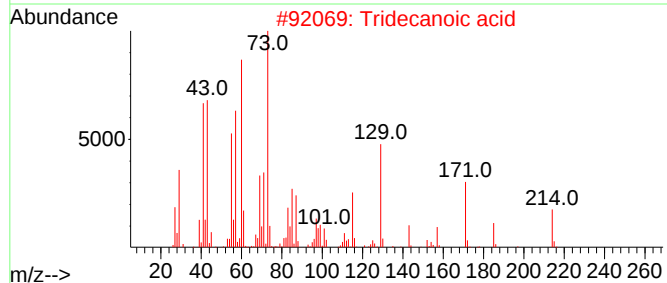
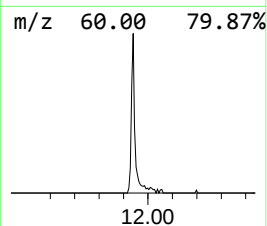
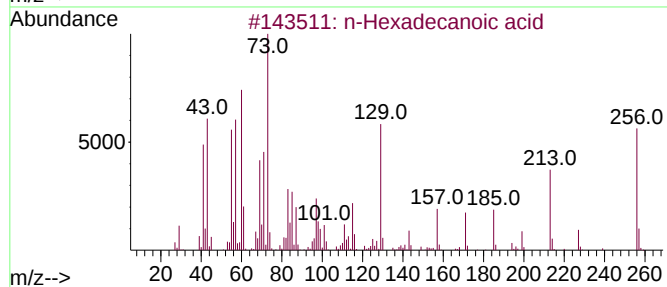
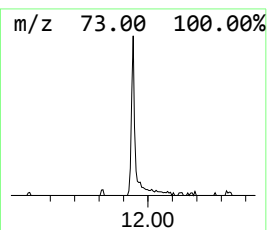
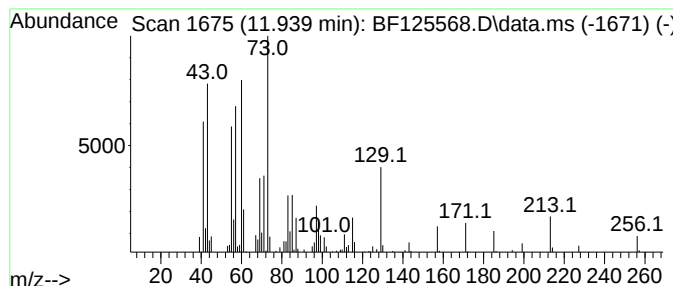
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.43 ng	201152	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	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Nonanoic acid	158	C9H18O2	000112-05-0	49



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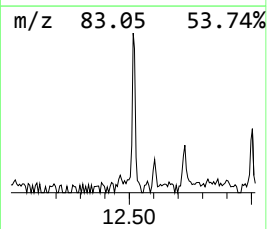
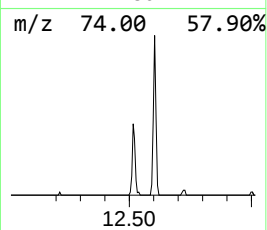
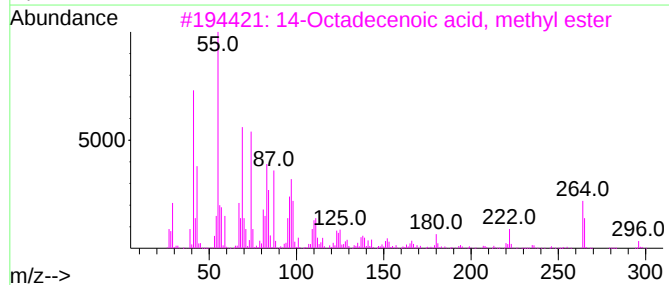
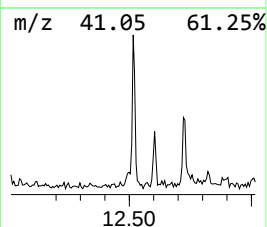
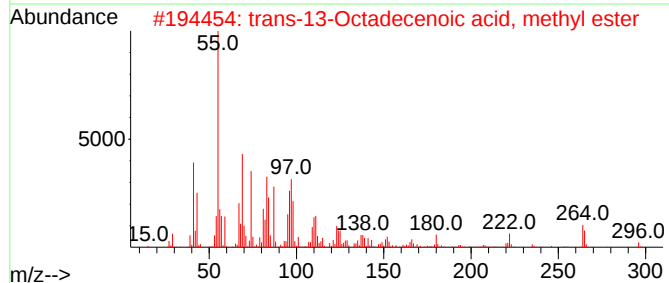
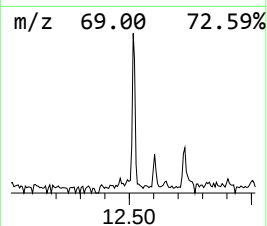
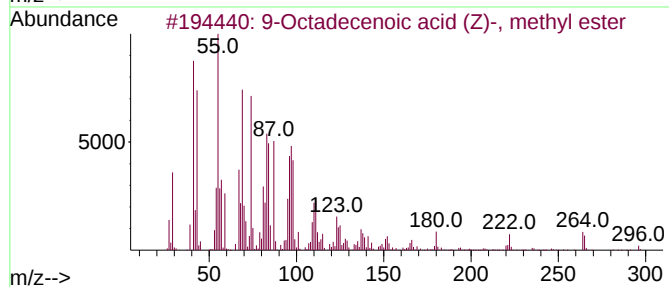
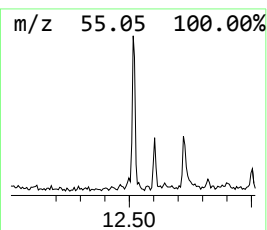
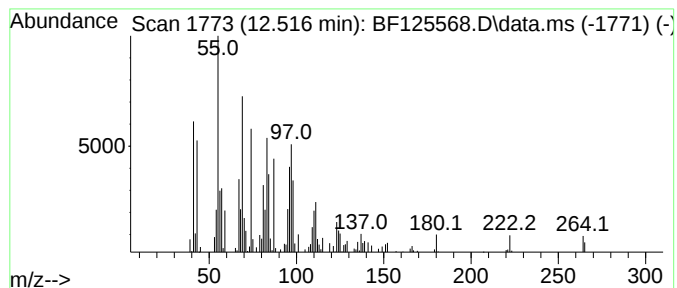
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	2.03 ng	168514	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
3			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
5			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125568.D
Acq On : 22 Sep 2021 20:07
Operator : JU/CG
Sample : M3733-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-02-(25-27)

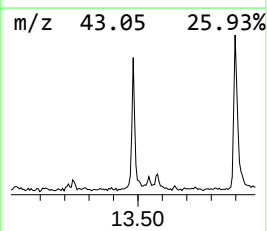
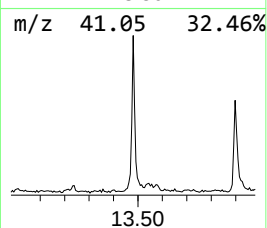
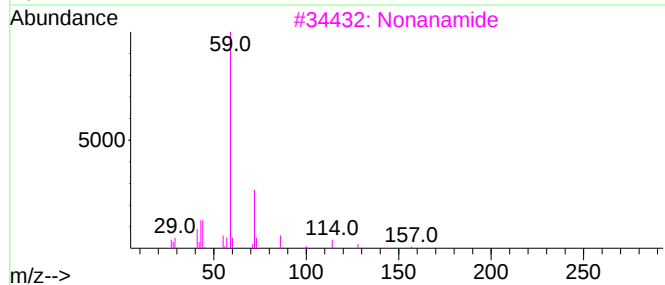
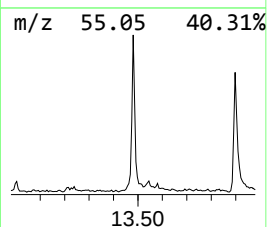
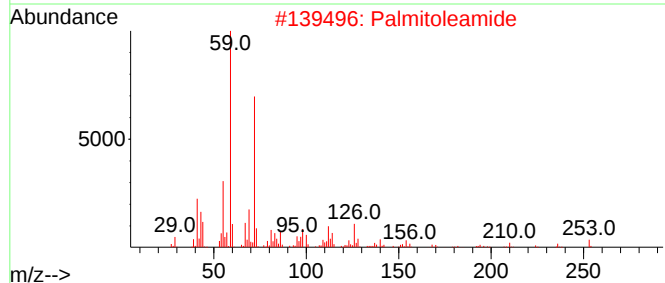
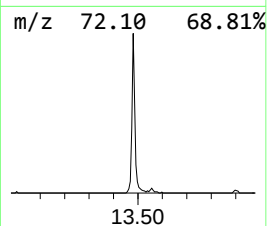
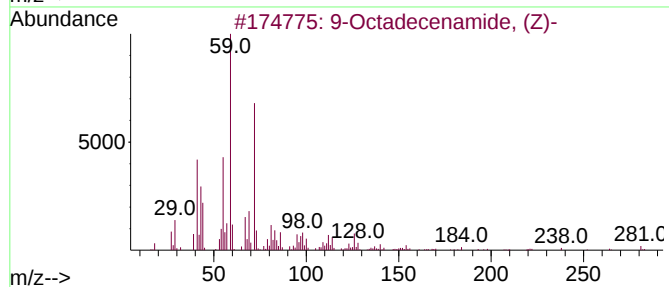
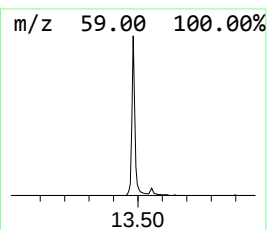
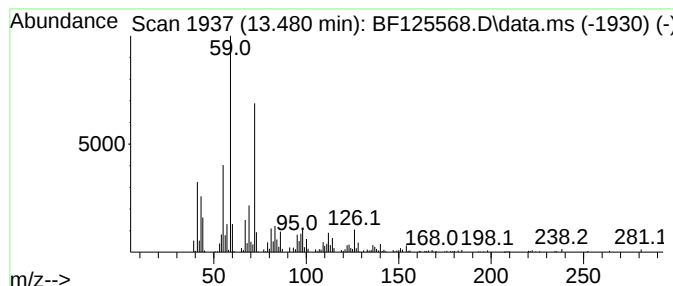
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	6.78 ng	465001	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2			Palmitoleamide	253	C16H31NO	106010-22-4	80
3			Nonanamide	157	C9H19NO	001120-07-6	53
4			Dodecanamide	199	C12H25NO	001120-16-7	53
5			Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125568.D
Acq On : 22 Sep 2021 20:07
Operator : JU/CG
Sample : M3733-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-02-(25-27)

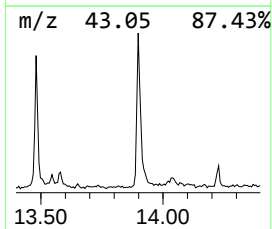
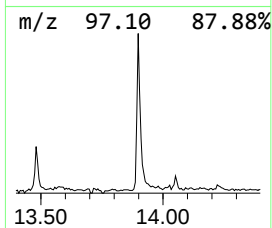
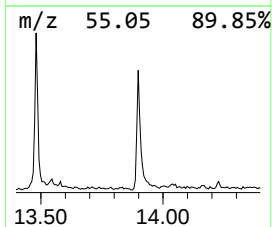
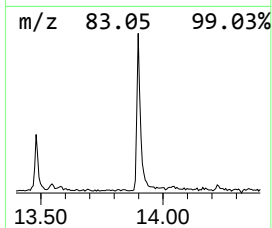
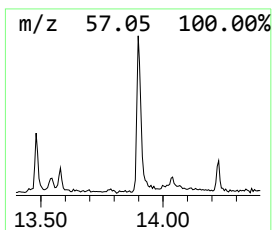
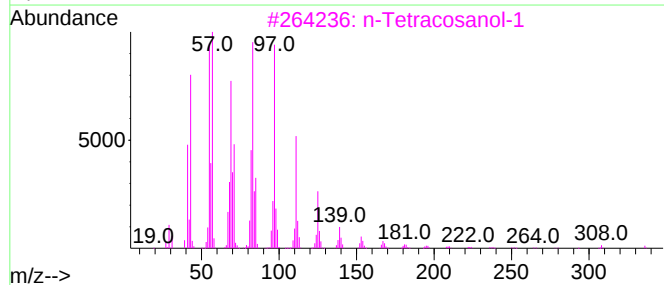
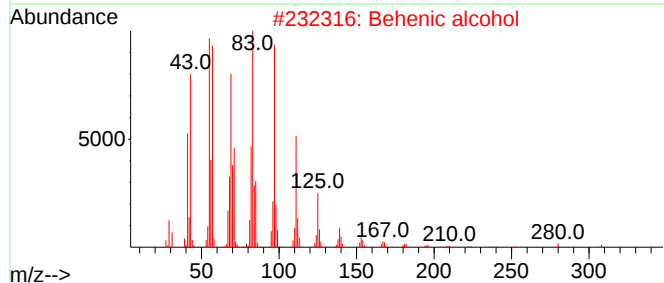
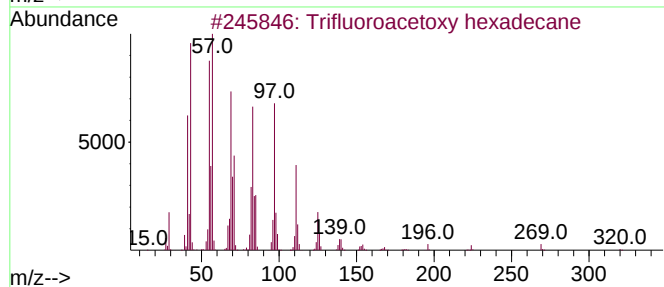
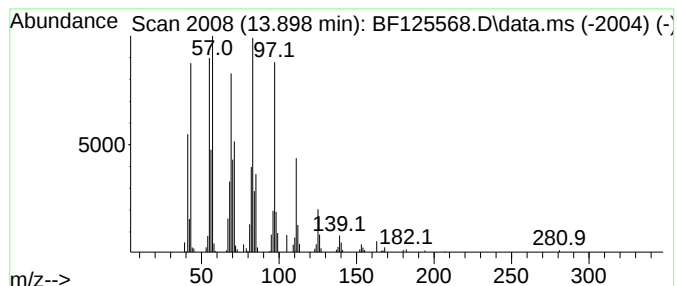
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.898	5.74 ng	393779	Chrysene-d12		14.051	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	95
2	Behenic alcohol		326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	95
4	1-Heneicosanol		312	C21H44O	015594-90-8	95
5	1-Heptacosanol		396	C27H56O	002004-39-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125568.D
Acq On : 22 Sep 2021 20:07
Operator : JU/CG
Sample : M3733-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-02-(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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.169	25.5	ng	1249530	1	6.892	980420	20.0
2-Pentanone, 4-...	5.104	2.8	ng	138125	1	6.892	980420	20.0
Ethanol, 2-(2-b...	8.075	18.5	ng	1290240	2	8.175	1394900	20.0
2,4,7,9-Tetrame...	9.369	2.1	ng	167749	3	9.933	1631420	20.0
n-Hexadecanoic ...	11.939	2.4	ng	201152	4	11.416	1658110	20.0
9-Octadecenoic ...	12.516	2.0	ng	168514	4	11.416	1658110	20.0
9-Octadecenamid...	13.480	6.8	ng	465001	5	14.051	1372050	20.0
Trifluoroacetox...	13.898	5.7	ng	393779	5	14.051	1372050	20.0