

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125554.D
 Acq On : 22 Sep 2021 12:18
 Operator : JU/CG
 Sample : M3750-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-03-(8-10)

Integration Parameters: rteint.p

Integrator: RTE

Smoother: 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: BF125554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	14	23	34	rVB	1495253	1973330	35.72%	4.821%
2	2.328	34	41	47	rVB	63098	82471	1.49%	0.201%
3	5.122	509	516	522	rBV	256037	324444	5.87%	0.793%
4	5.516	577	583	586	rBV	4257040	4129024	74.74%	10.087%
5	6.516	747	753	756	rBV	3904998	4179450	75.65%	10.210%
6	6.898	814	818	821	rBV	1313384	1169332	21.17%	2.856%
7	7.451	907	912	915	rBV	2674111	2724258	49.31%	6.655%
8	8.075	1014	1018	1029	rBV	426814	358996	6.50%	0.877%
9	8.175	1031	1035	1039	rVB	1890596	1651985	29.90%	4.036%
10	9.251	1213	1218	1222	rBV	5160616	5364050	97.09%	13.103%
11	9.369	1235	1238	1246	rVB	70012	69886	1.26%	0.171%
12	9.933	1329	1334	1337	rBV	2324176	1937167	35.06%	4.732%
13	10.721	1462	1468	1471	rBV	3565516	3369893	61.00%	8.232%
14	11.416	1582	1586	1590	rBV	2211009	2001543	36.23%	4.889%
15	11.945	1669	1676	1689	rBV2	660229	834566	15.11%	2.039%
16	12.521	1771	1774	1777	rVB	76790	60688	1.10%	0.148%
17	12.727	1804	1809	1821	rBV	354219	393498	7.12%	0.961%
18	13.010	1852	1857	1860	rBV	5488693	5524779	100.00%	13.496%
19	13.292	1899	1905	1913	rVB6	23691	55921	1.01%	0.137%
20	13.545	1944	1948	1952	rBV	468242	393308	7.12%	0.961%
21	13.904	2003	2009	2019	rBV3	454418	665839	12.05%	1.627%
22	14.057	2030	2035	2038	rBV	1958953	1709912	30.95%	4.177%
23	14.227	2060	2064	2070	rBV	88024	86906	1.57%	0.212%
24	14.533	2112	2116	2119	rBV	85460	93575	1.69%	0.229%
25	14.651	2131	2136	2140	rBV7	34146	60635	1.10%	0.148%
26	14.845	2166	2169	2173	rVB	66952	64085	1.16%	0.157%
27	15.192	2224	2228	2231	rBV	55358	61124	1.11%	0.149%
28	15.492	2275	2279	2282	rBV	78737	92835	1.68%	0.227%
29	15.533	2282	2286	2291	rVV	1112254	1425431	25.80%	3.482%
30	16.086	2376	2380	2388	rBV4	40121	77195	1.40%	0.189%

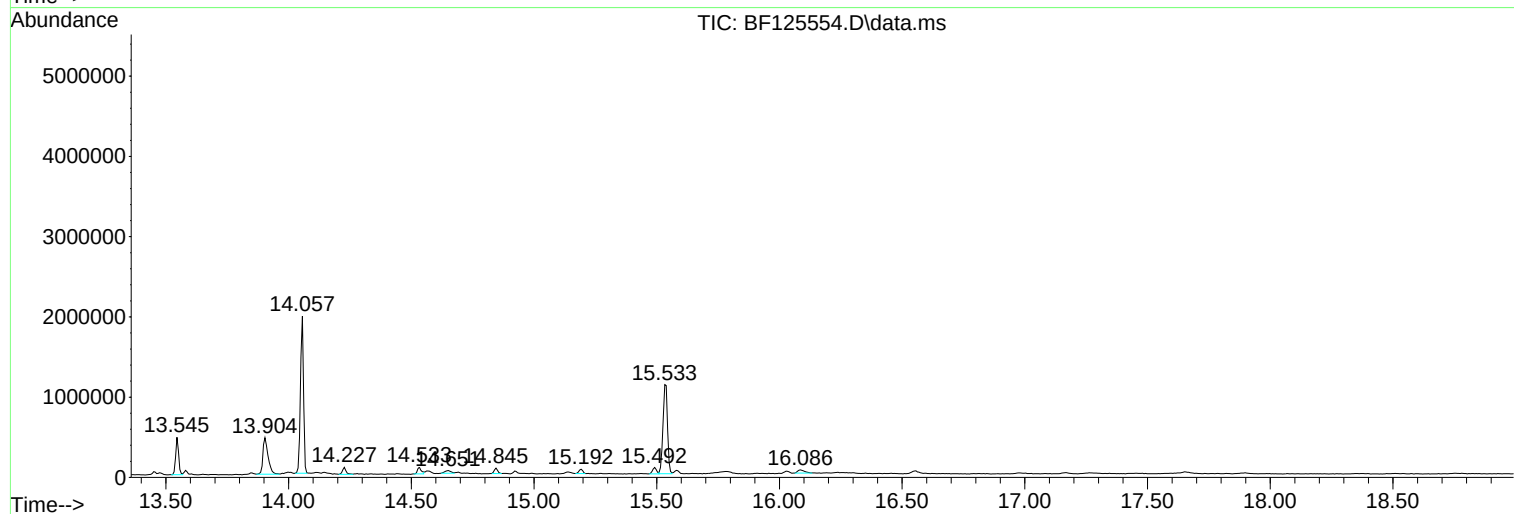
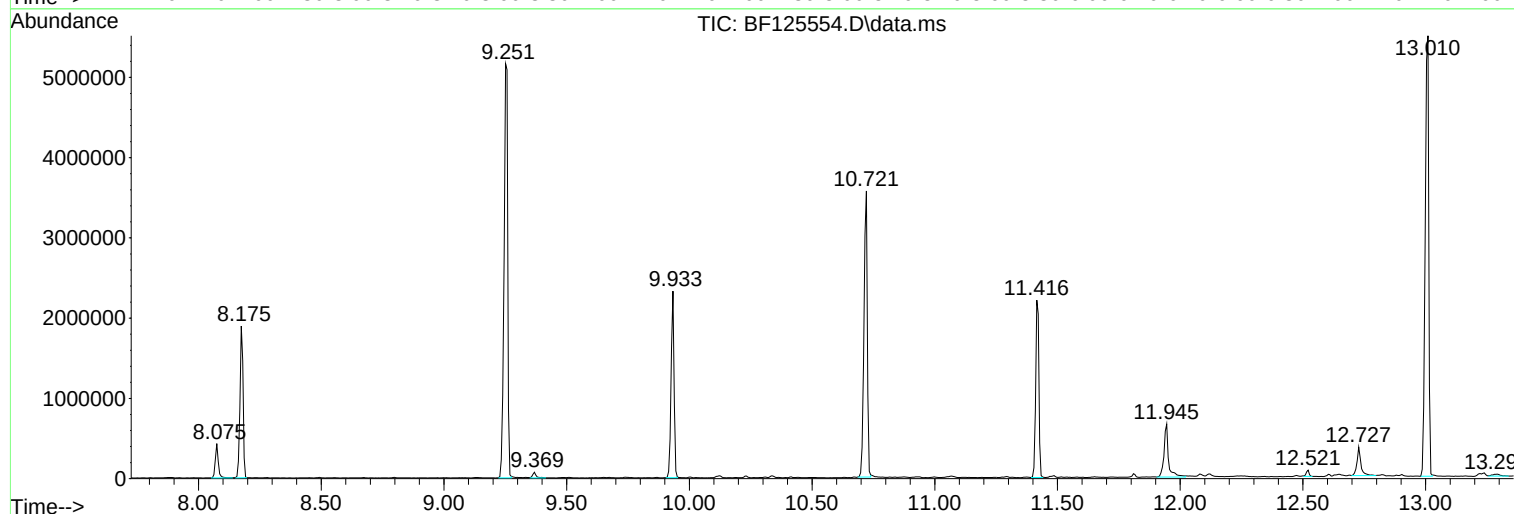
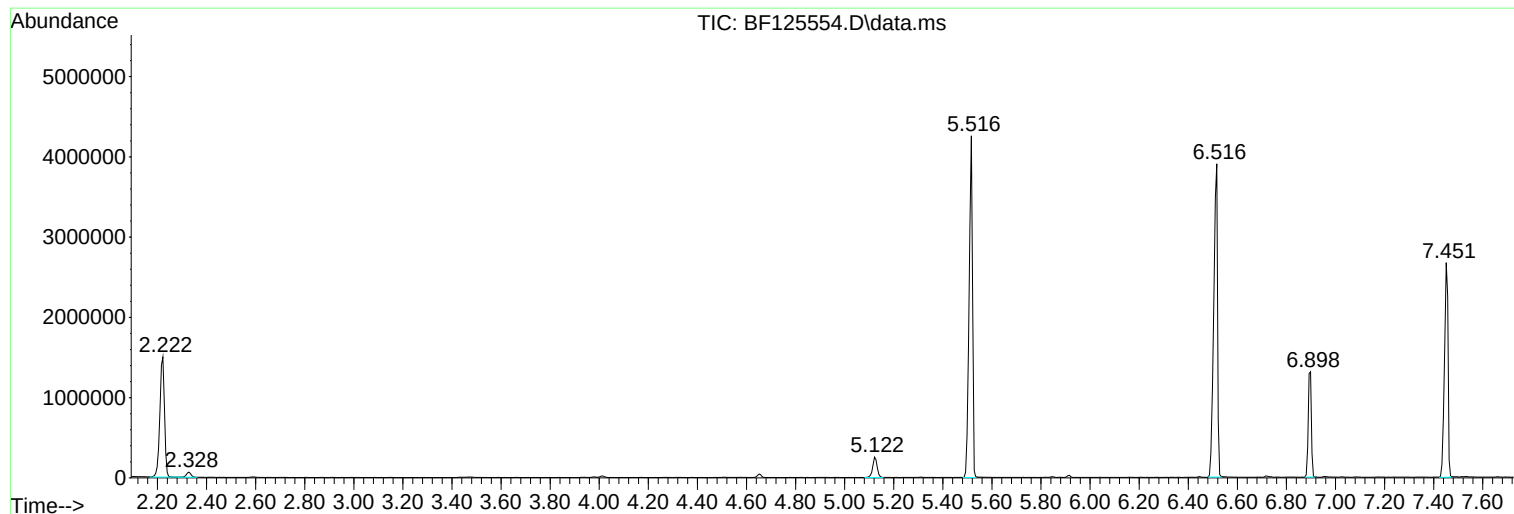
Sum of corrected areas: 40936126

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

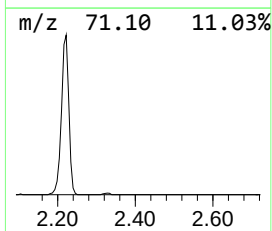
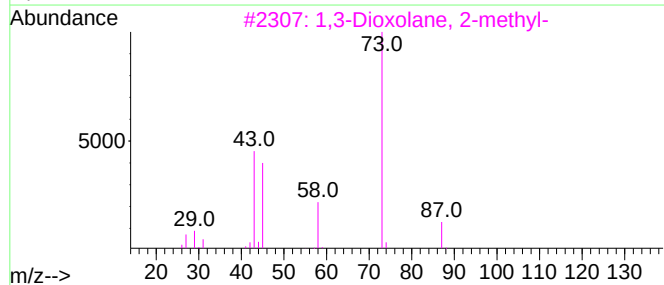
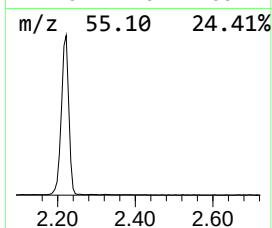
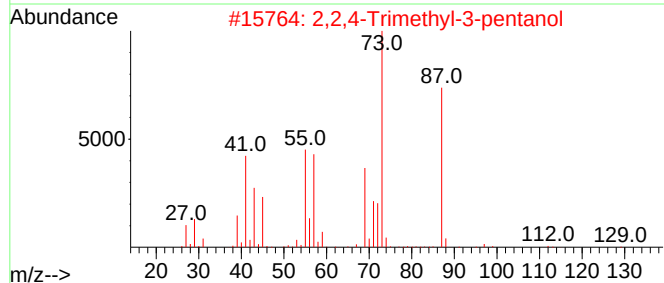
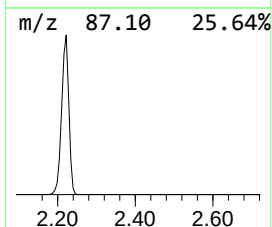
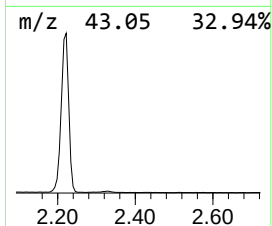
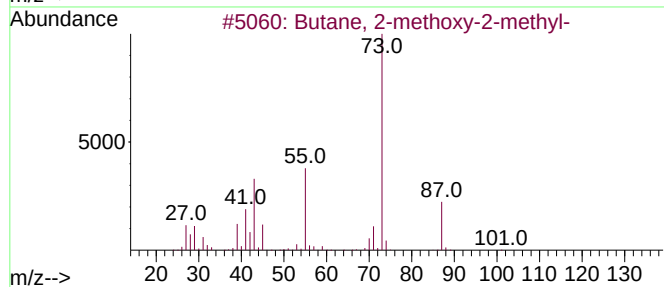
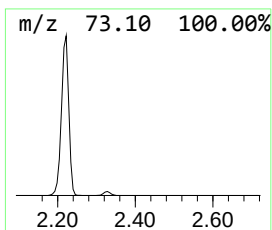
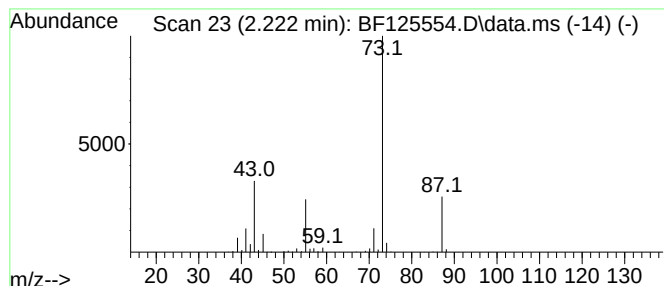
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.222	33.75 ng	1973330	1,4-Dichlorobenzene-d4	6.898

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	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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

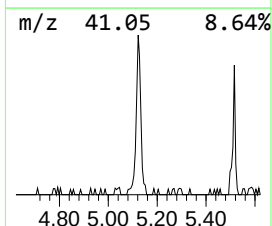
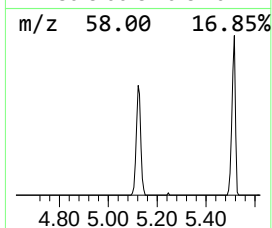
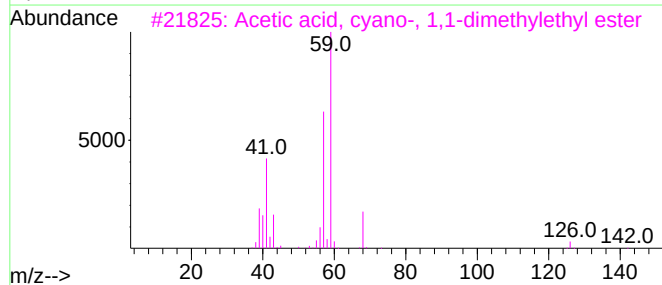
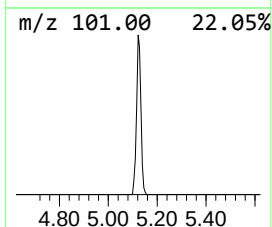
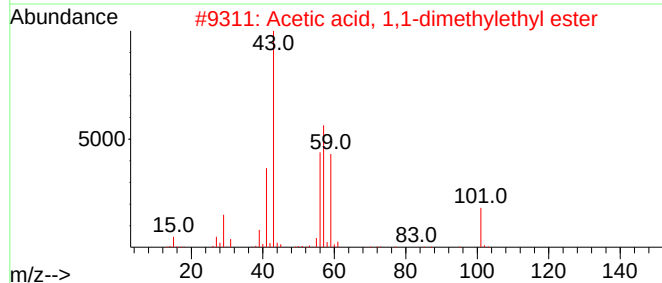
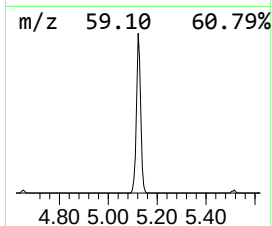
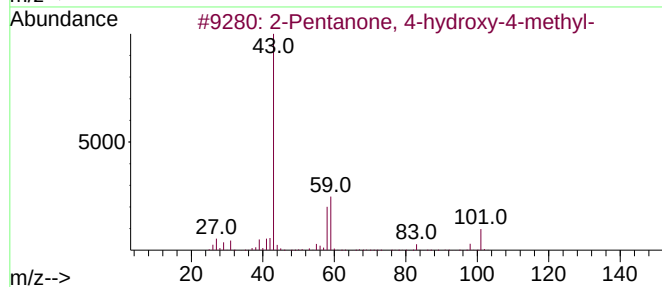
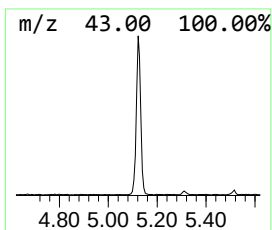
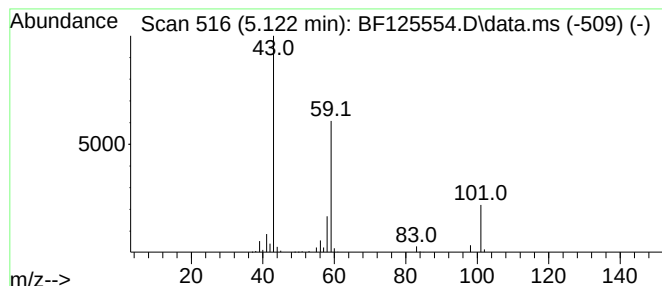
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	5.55 ng	324444	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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	17
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

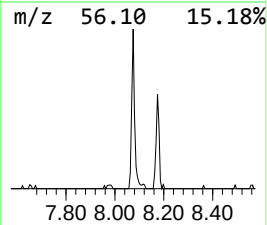
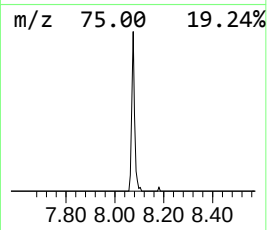
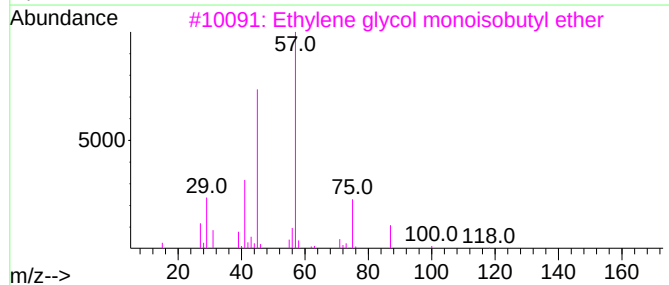
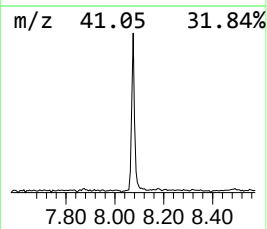
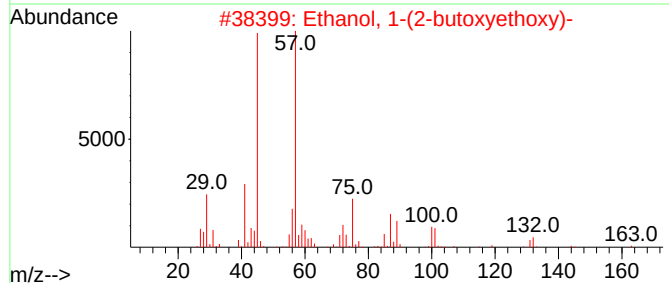
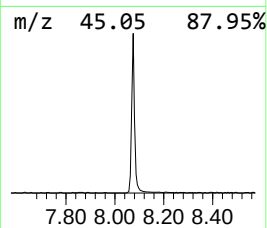
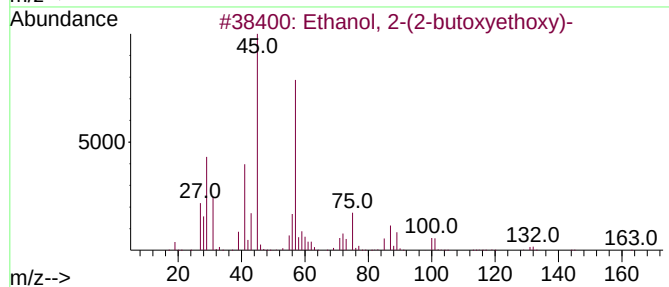
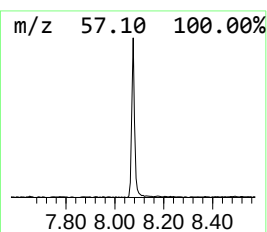
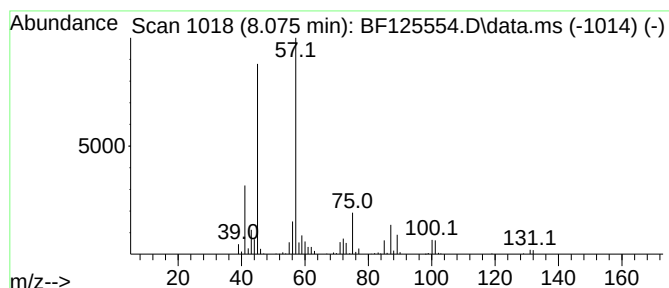
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	4.35 ng	358996	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	90
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

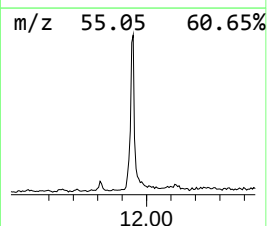
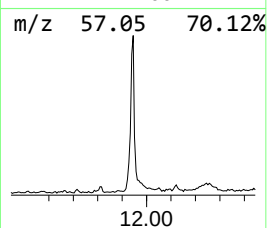
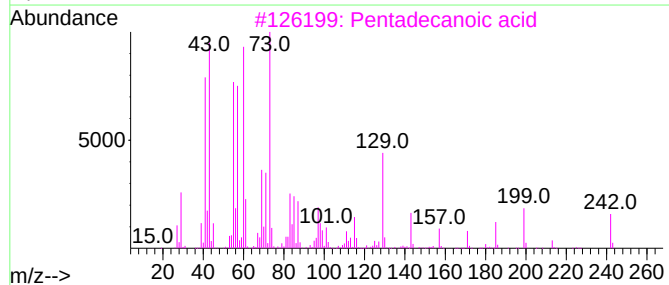
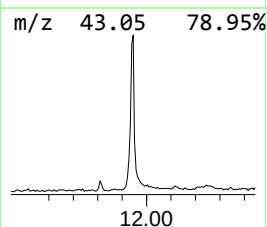
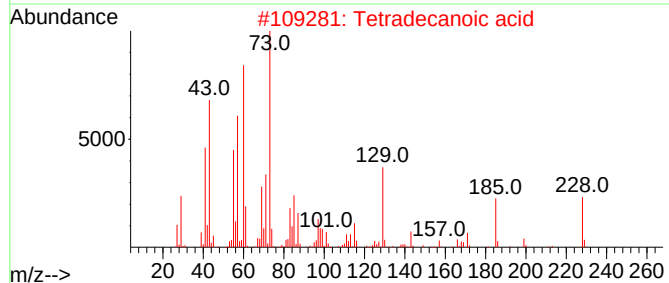
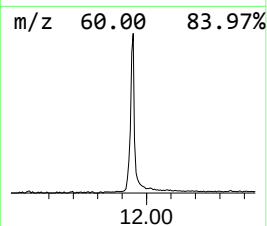
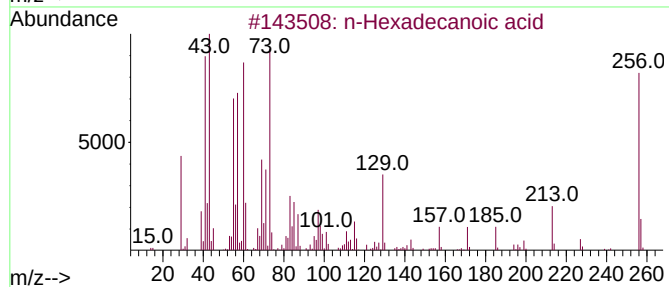
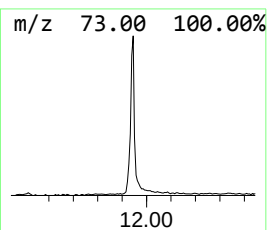
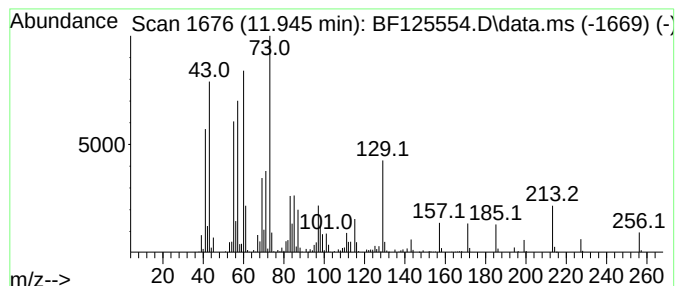
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.34 ng	834566	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	86
5			Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

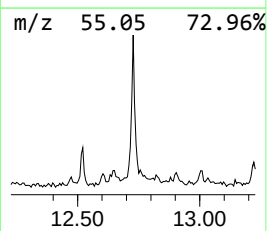
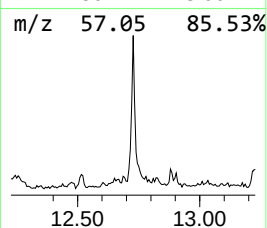
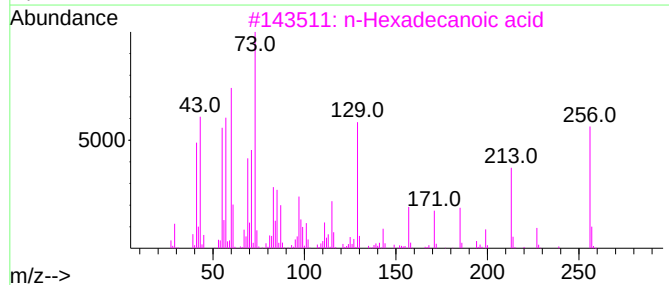
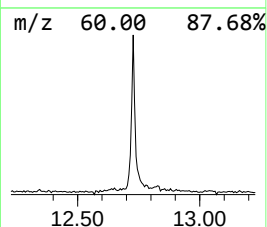
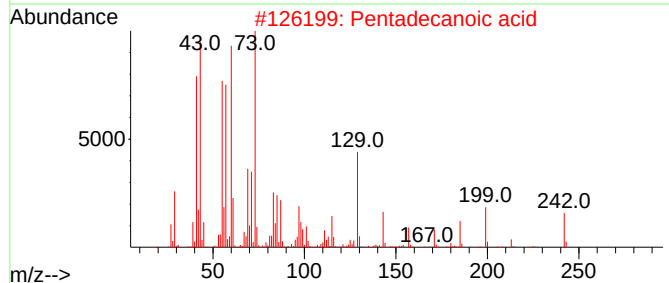
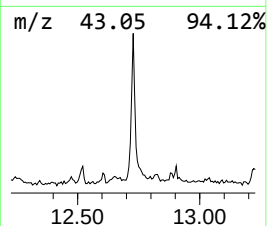
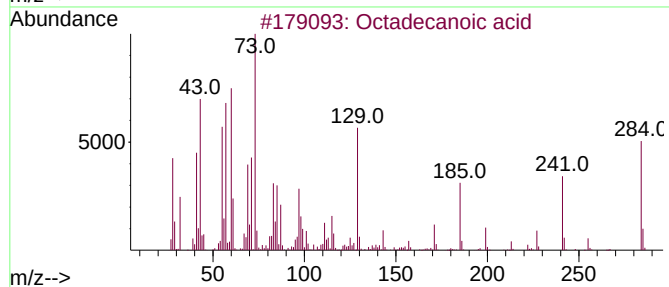
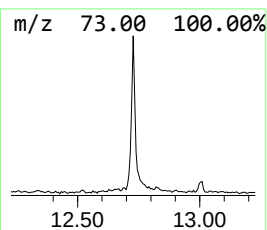
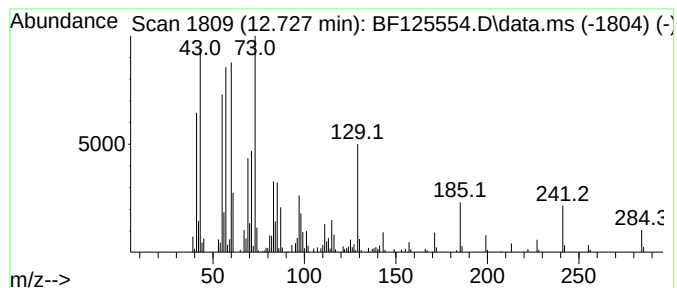
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	3.93 ng	393498	Phenanthrene-d10	11.416

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	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

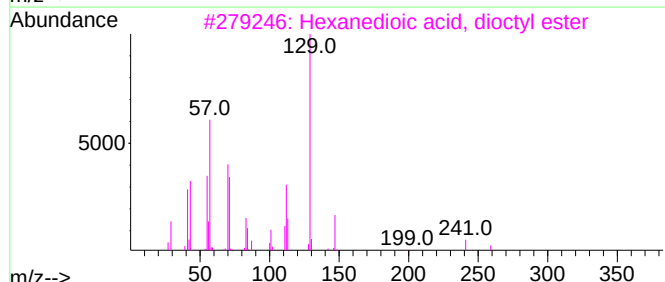
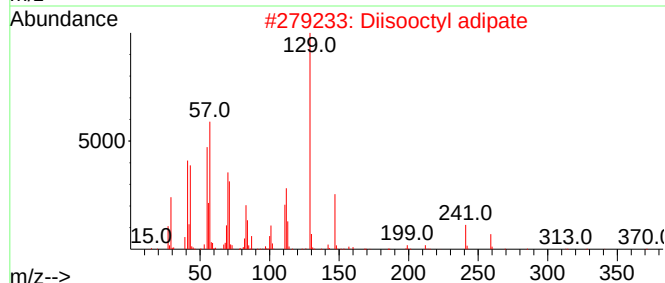
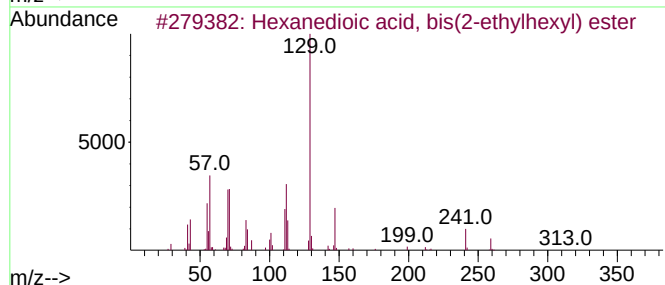
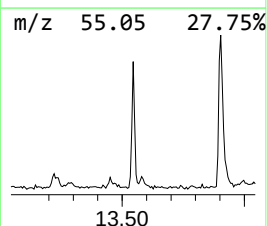
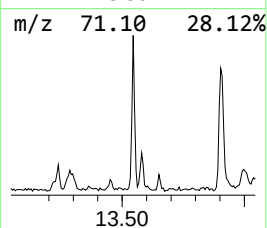
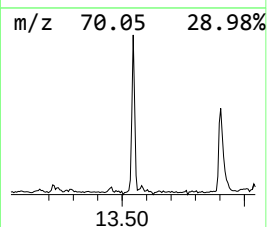
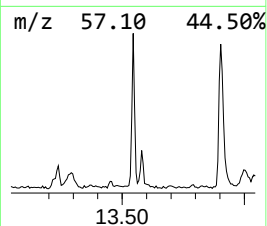
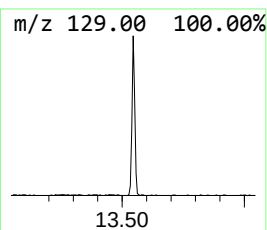
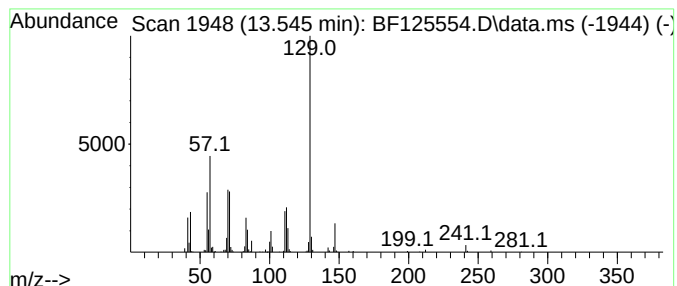
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexanedioic acid, bis(2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	4.60 ng	393308	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2			Diisooctyl adipate	370	C22H42O4	001330-86-5	78
3			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
4			Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	53
5			Adipic acid, di(oct-4-yl ester)	370	C22H42O4	1000160-80-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

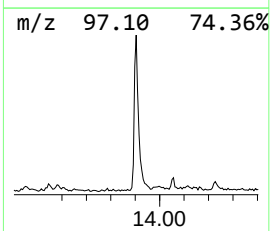
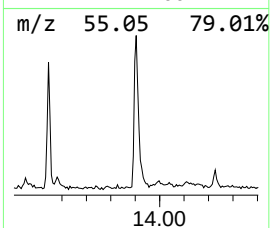
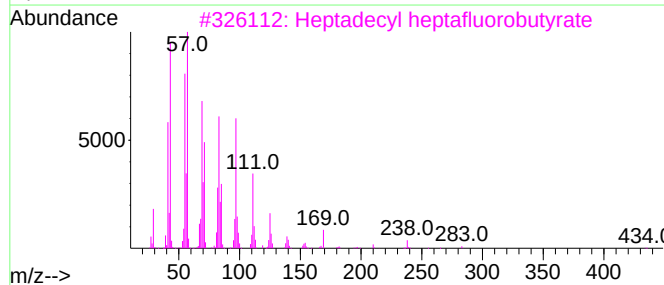
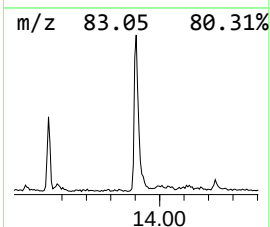
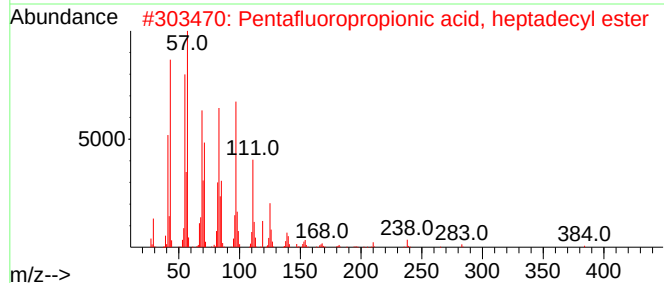
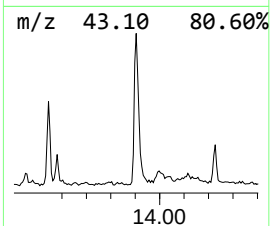
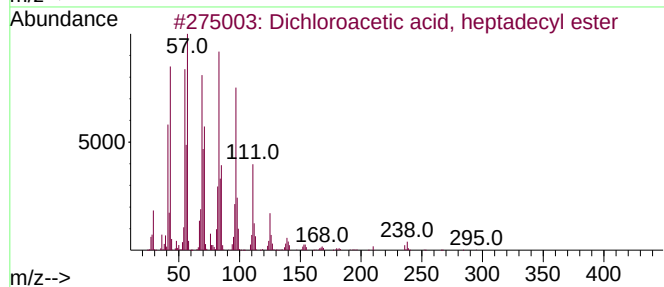
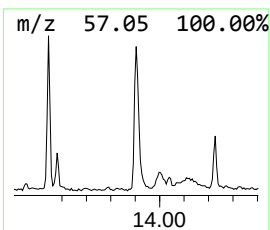
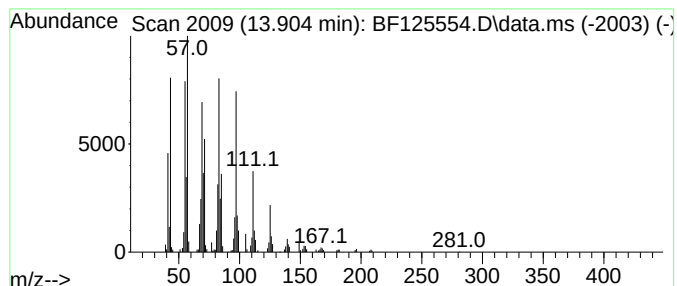
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	7.79 ng	665839	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5			Behenic alcohol	326	C22H46O	000661-19-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125554.D
Acq On : 22 Sep 2021 12:18
Operator : JU/CG
Sample : M3750-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

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...	2.222	33.8	ng	1973330	1	6.898	1169330	20.0
2-Pentanone, 4-...	5.122	5.5	ng	324444	1	6.898	1169330	20.0
Ethanol, 2-(2-b...	8.075	4.3	ng	358996	2	8.175	1651990	20.0
n-Hexadecanoic ...	11.945	8.3	ng	834566	4	11.416	2001540	20.0
Octadecanoic acid	12.727	3.9	ng	393498	4	11.416	2001540	20.0
Hexanedioic aci...	13.545	4.6	ng	393308	5	14.057	1709910	20.0
Dichloroacetic ...	13.904	7.8	ng	665839	5	14.057	1709910	20.0