

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119917.D
 Acq On : 13 Apr 2020 15:39
 Operator : MA/SJ
 Sample : L2215-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF040820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.928	479	483	495	rVB	304397	377685	6.93%	0.844%
2	5.345	549	554	557	rBV	3996864	3979053	73.03%	8.891%
3	6.010	664	667	670	rBV	194474	157641	2.89%	0.352%
4	6.181	692	696	700	rVB	307288	252064	4.63%	0.563%
5	6.369	722	728	731	rBV	3811534	4004606	73.50%	8.948%
6	6.434	736	739	743	rVB	65592	59378	1.09%	0.133%
7	6.563	759	761	773	rBV	132132	137421	2.52%	0.307%
8	6.734	786	790	794	rBV	1612556	1345447	24.69%	3.006%
9	6.857	808	811	813	rBV	73223	58837	1.08%	0.131%
10	6.892	813	817	820	rVV	3767518	3214418	58.99%	7.182%
11	7.298	881	886	889	rBV	2642512	2692298	49.41%	6.016%
12	7.763	962	965	969	rVB	57810	55902	1.03%	0.125%
13	8.022	1004	1009	1012	rBV	2103018	1805122	33.13%	4.033%
14	9.098	1187	1192	1195	rBV	4985185	4968244	91.18%	11.101%
15	9.492	1254	1259	1262	rBV	677843	596156	10.94%	1.332%
16	9.774	1301	1307	1311	rBV	2246089	2121623	38.94%	4.741%
17	10.569	1436	1442	1445	rBV	3431745	3378717	62.01%	7.550%
18	11.263	1555	1560	1563	rBV	2698454	2262909	41.53%	5.056%
19	11.804	1647	1652	1663	rBV2	804358	913313	16.76%	2.041%
20	12.586	1781	1785	1799	rBV	477064	496862	9.12%	1.110%
21	12.857	1826	1831	1834	rVB	5783287	5448646	100.00%	12.175%
22	13.092	1867	1871	1887	rVB7	27408	67003	1.23%	0.150%
23	13.768	1982	1986	2001	rBV2	411692	952590	17.48%	2.129%
24	13.904	2004	2009	2012	rBV	2295833	2107963	38.69%	4.710%
25	14.380	2087	2090	2093	rBV	89900	85295	1.57%	0.191%
26	14.427	2093	2098	2104	rVV5	31290	71397	1.31%	0.160%
27	14.680	2138	2141	2146	rVB	116636	109432	2.01%	0.245%
28	15.004	2192	2196	2201	rBV	141526	148648	2.73%	0.332%
29	15.333	2246	2252	2255	rBV	1615294	1964899	36.06%	4.390%
30	15.368	2255	2258	2264	rVB	114056	144018	2.64%	0.322%
31	15.786	2325	2329	2334	rVB	91736	126640	2.32%	0.283%
32	15.856	2334	2341	2362	rBV8	128694	579905	10.64%	1.296%
33	16.268	2407	2411	2416	rVB3	38039	69748	1.28%	0.156%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

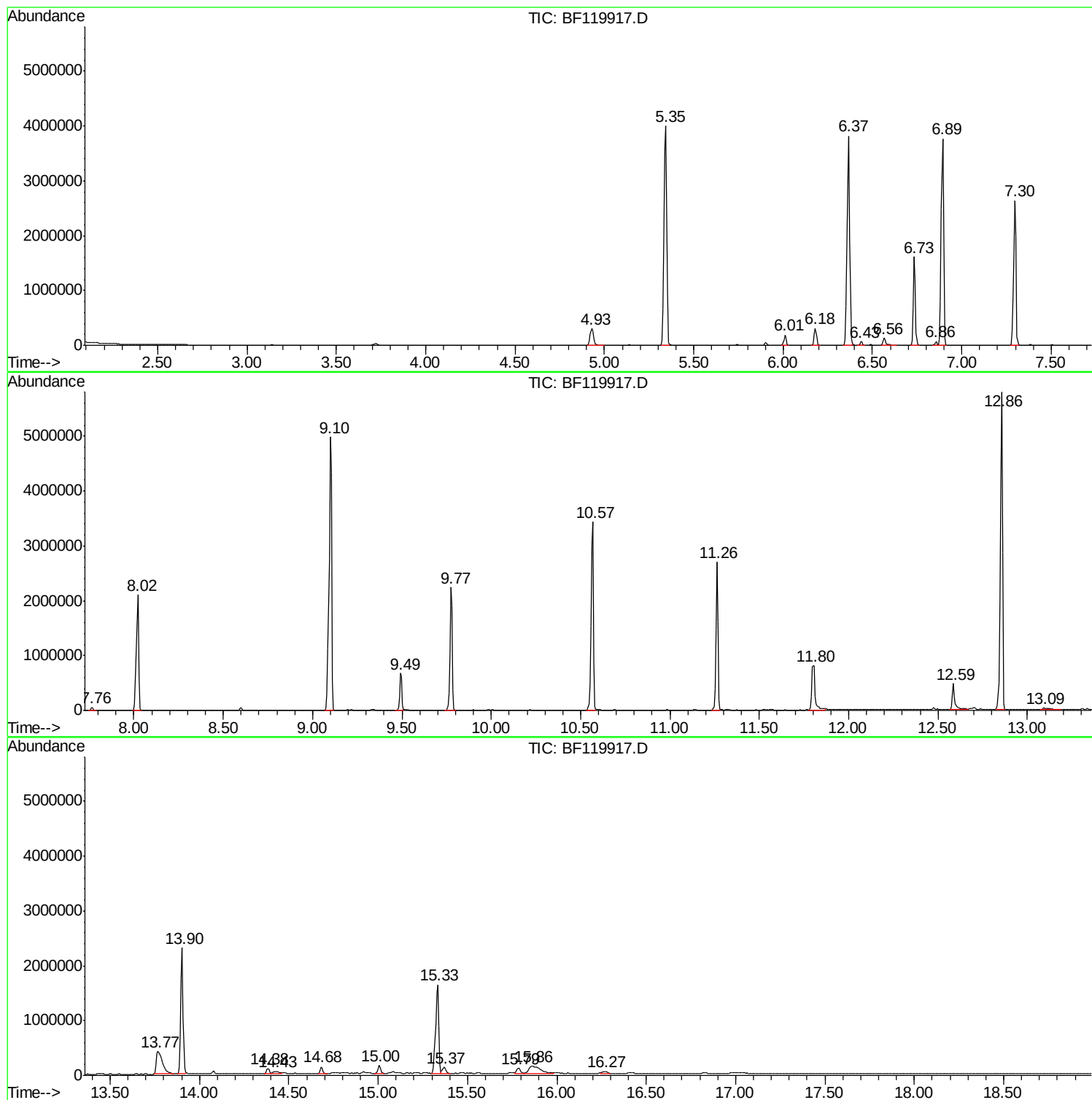
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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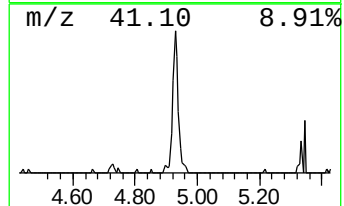
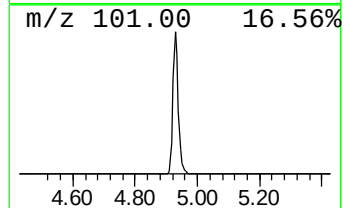
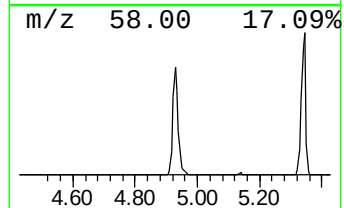
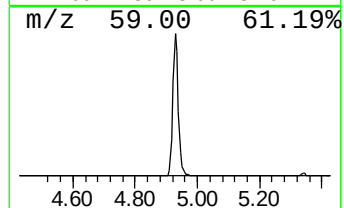
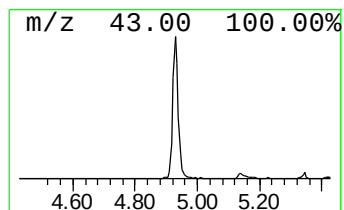
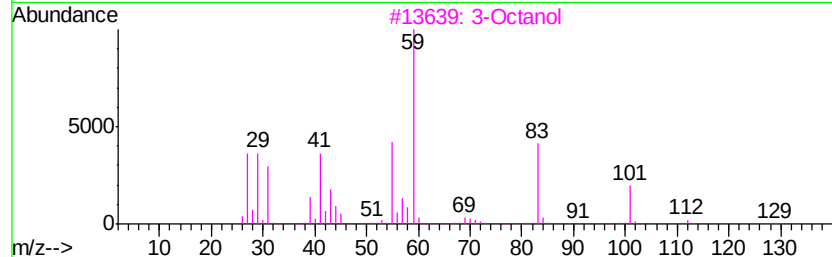
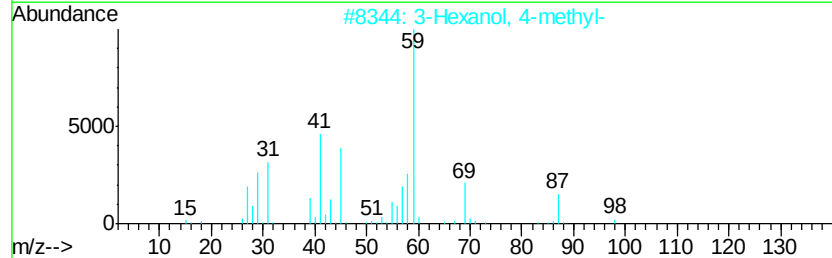
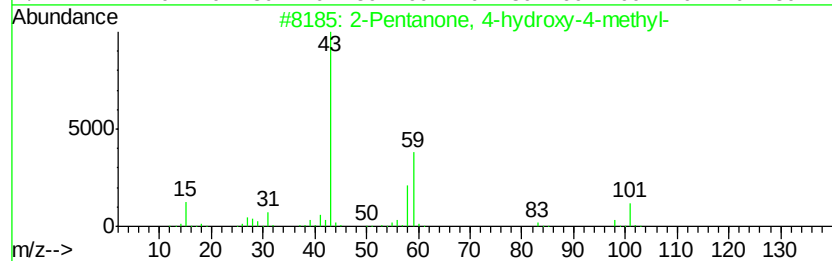
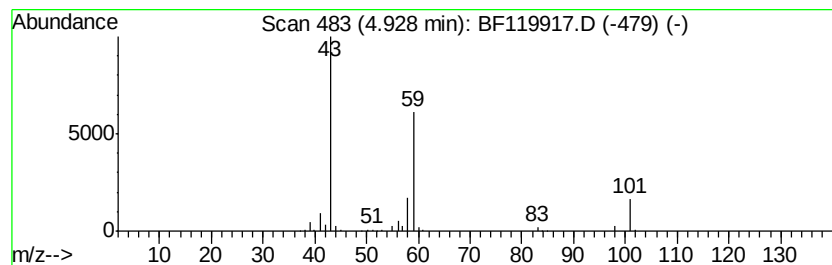
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.93	5.61 ng	377685	1,4-Dichlorobenzene-d4	6.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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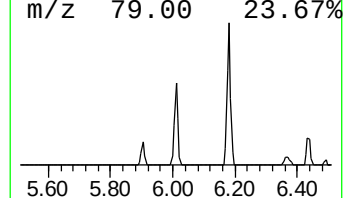
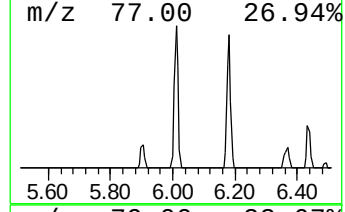
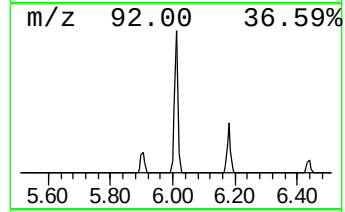
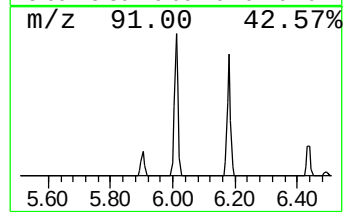
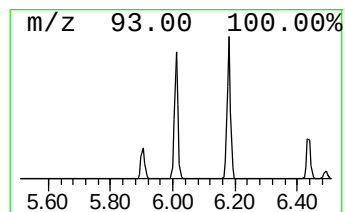
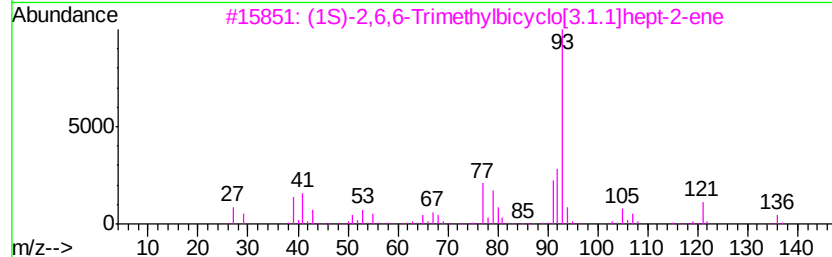
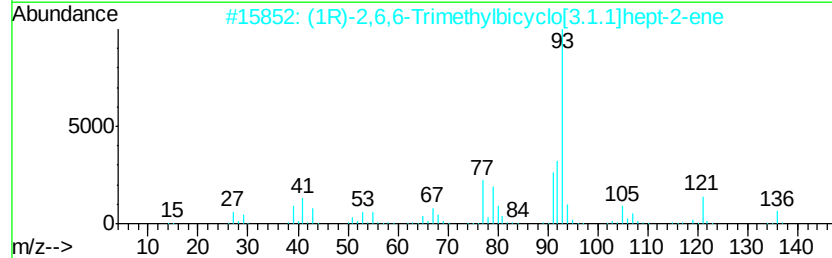
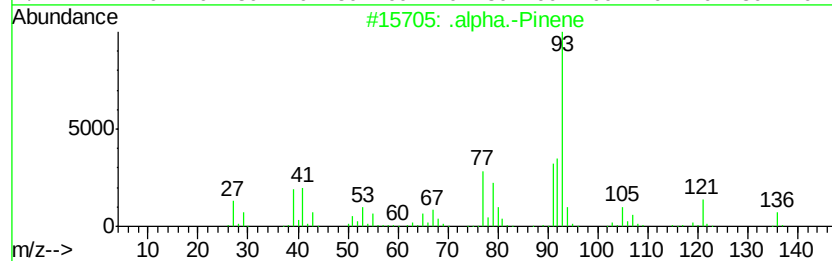
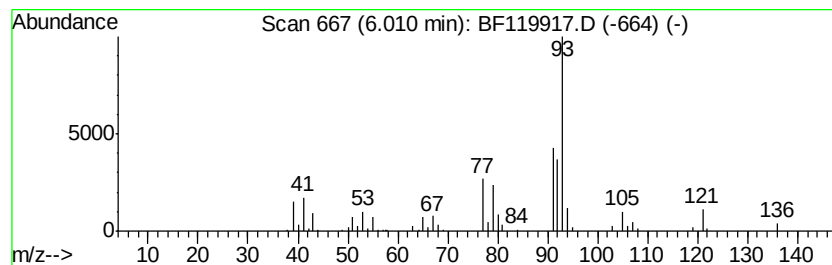
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	2.34 ng	157641	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	94
2			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
4			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	90
5			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90



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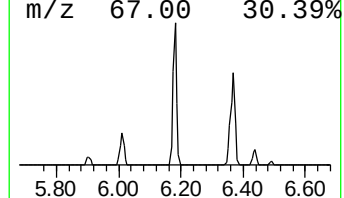
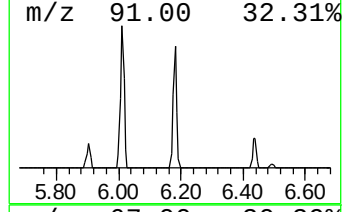
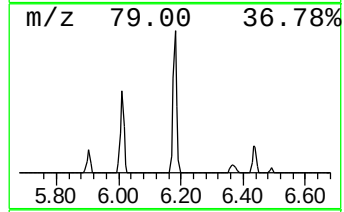
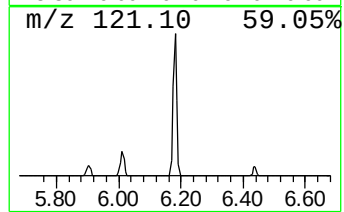
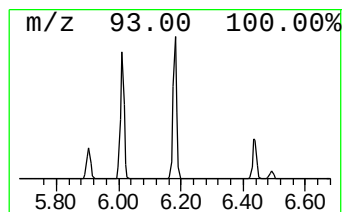
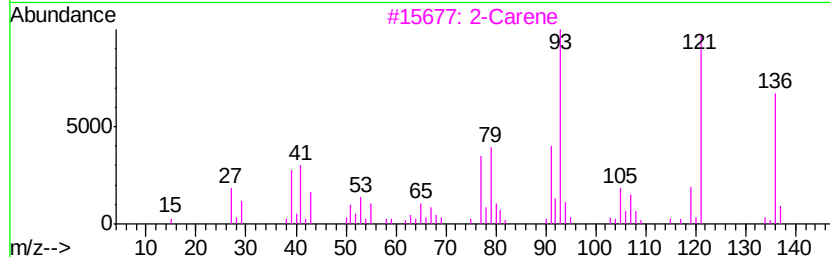
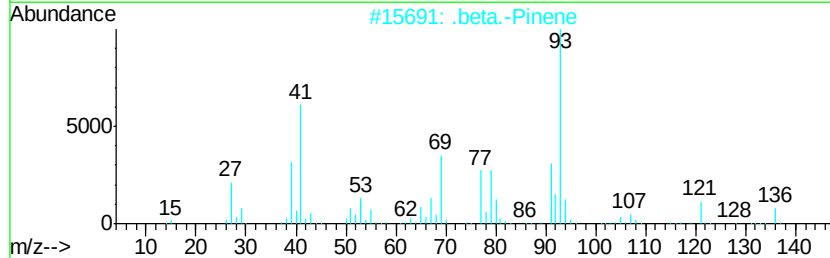
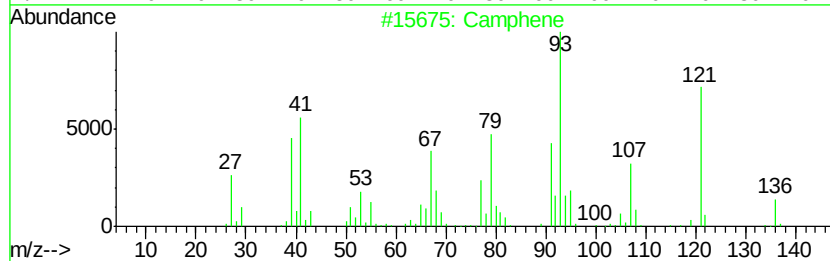
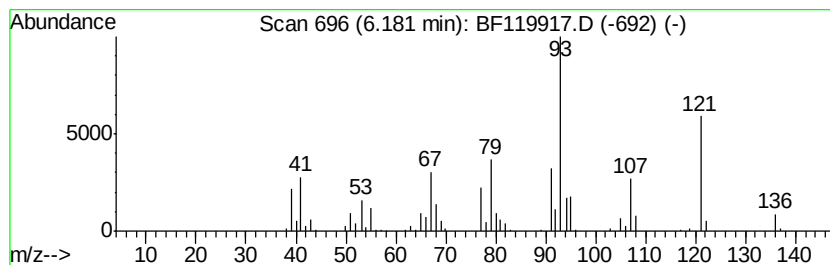
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Camphene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	3.75 ng	252064	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	95
2		.beta.-Pinene	136	C10H16	000127-91-3	72
3		2-Carene	136	C10H16	000554-61-0	72
4		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	72
5		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	68



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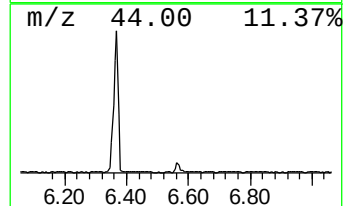
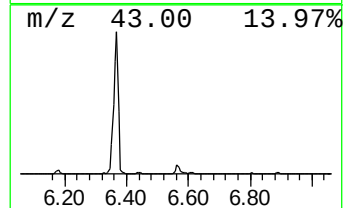
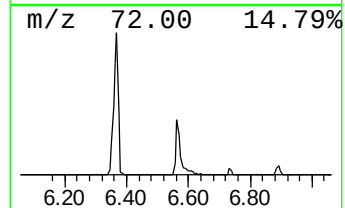
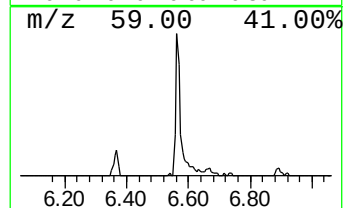
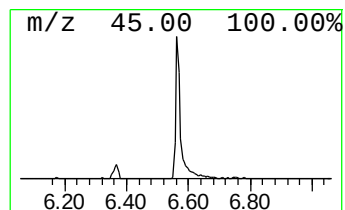
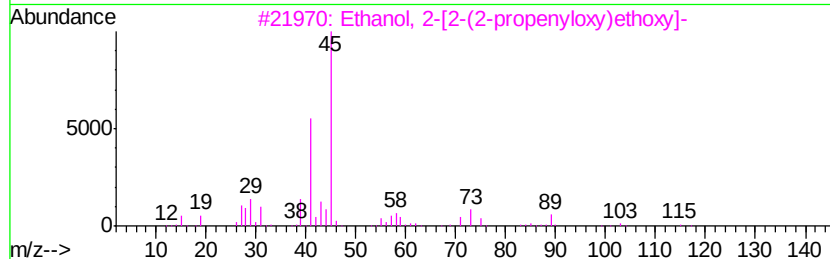
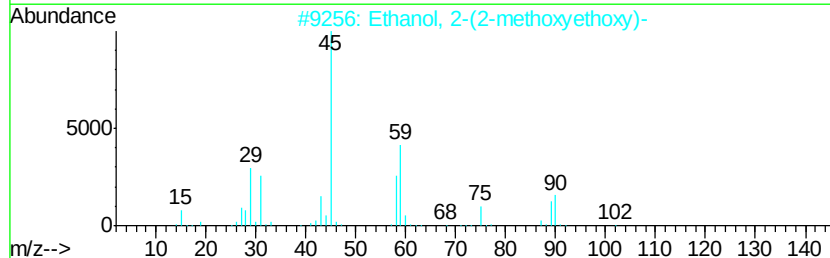
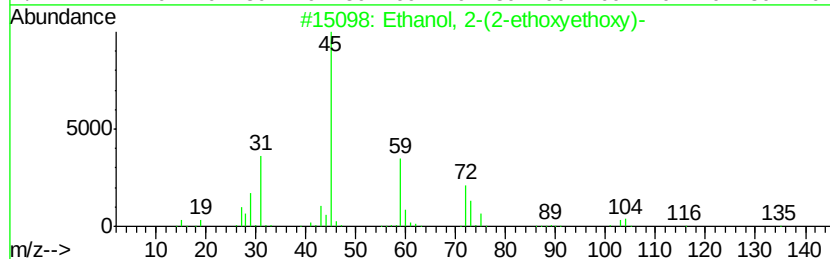
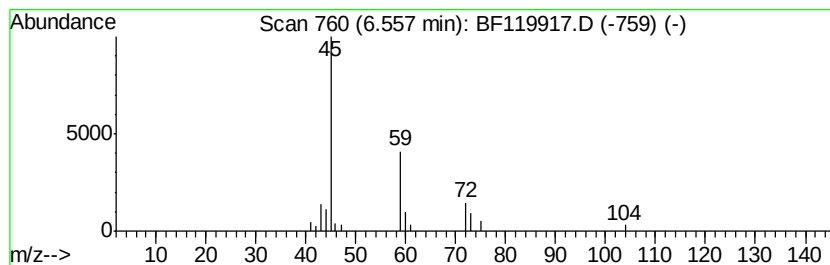
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	2.04 ng	137421	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
3		Ethanol, 2-[2-(2-propenyloxy)ethoxy]-	146	C7H14O3	015075-50-0	38
4		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
5		2-Pentanol	88	C5H12O	006032-29-7	33



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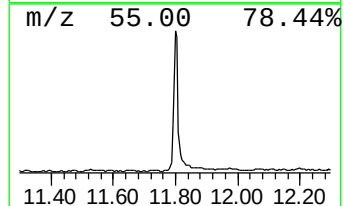
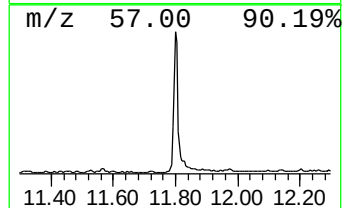
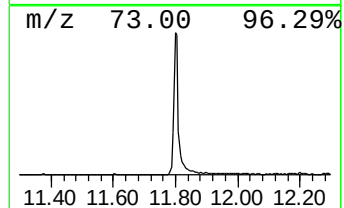
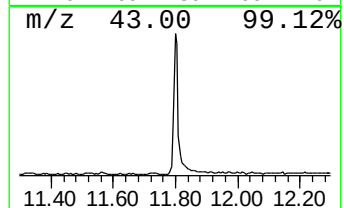
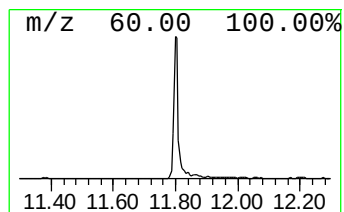
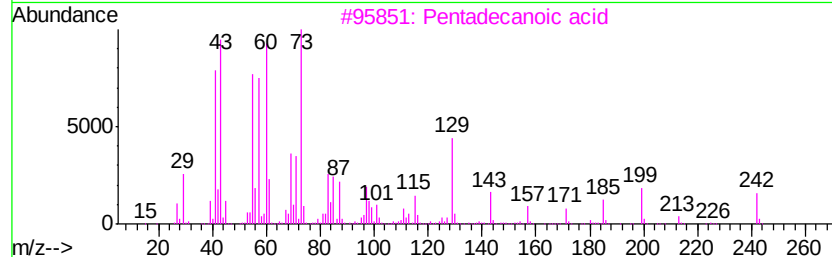
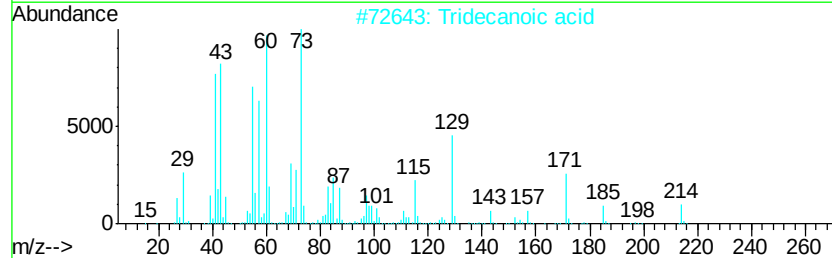
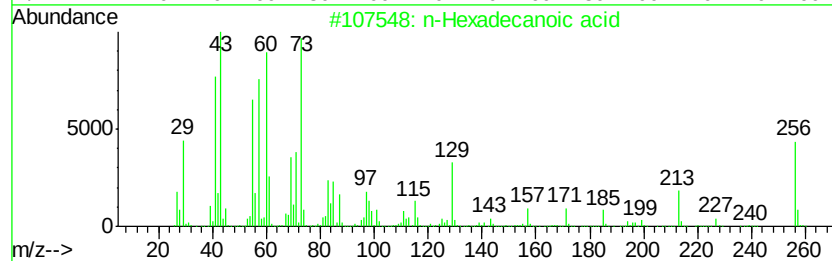
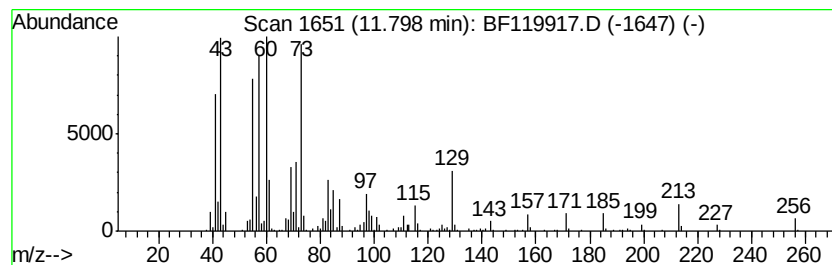
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TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.07 ng	913313	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	58



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ALS Vial : 7 Sample Multiplier: 1

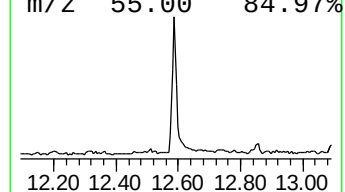
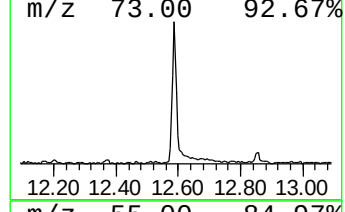
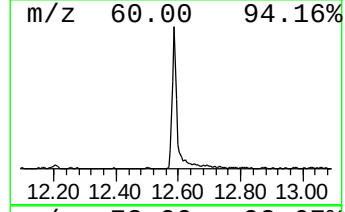
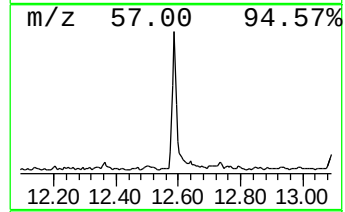
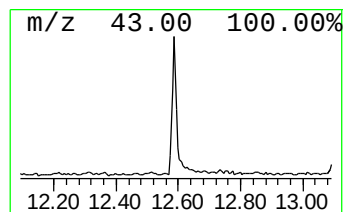
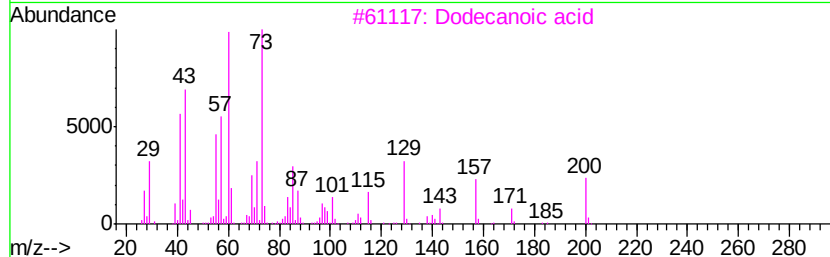
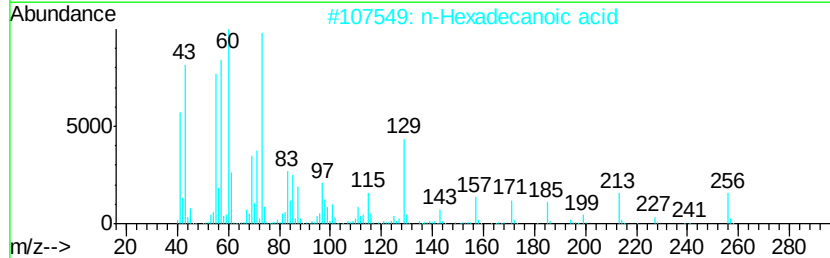
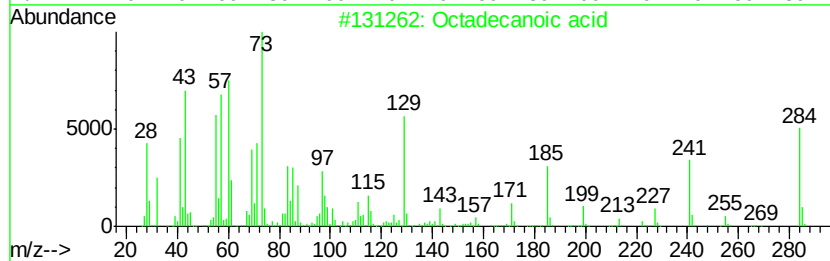
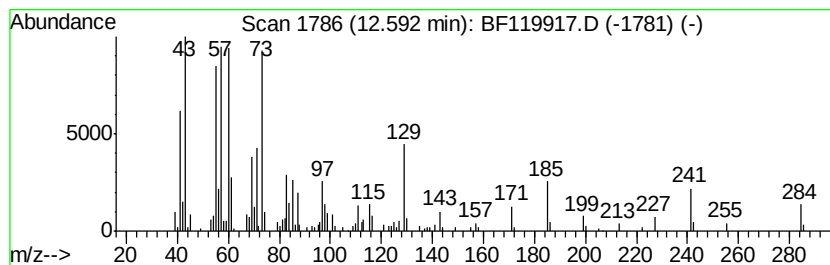
Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.59	4.71 ng	496862	Chrysene-d12	13.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119917.D
Acq On : 13 Apr 2020 15:39
Operator : MA/SJ
Sample : L2215-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

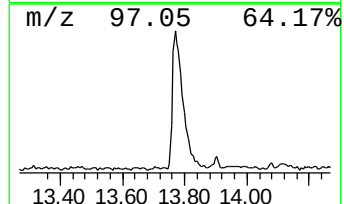
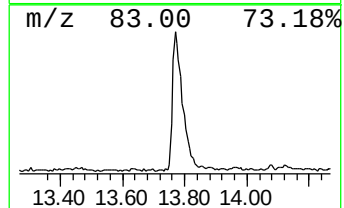
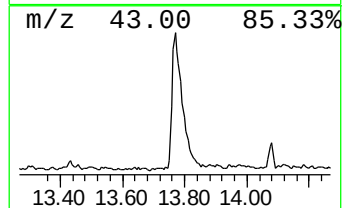
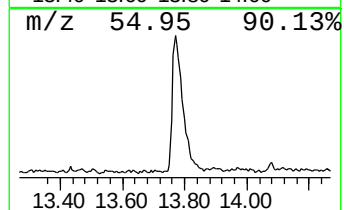
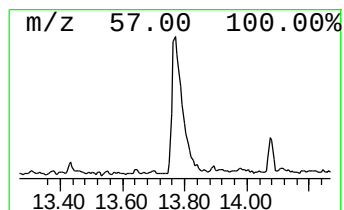
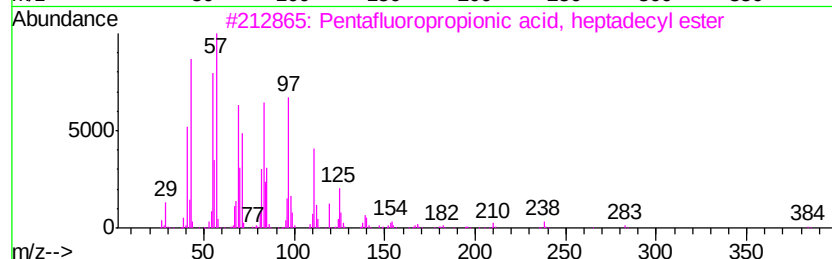
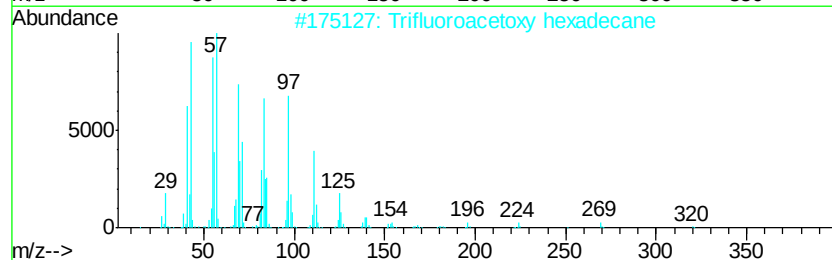
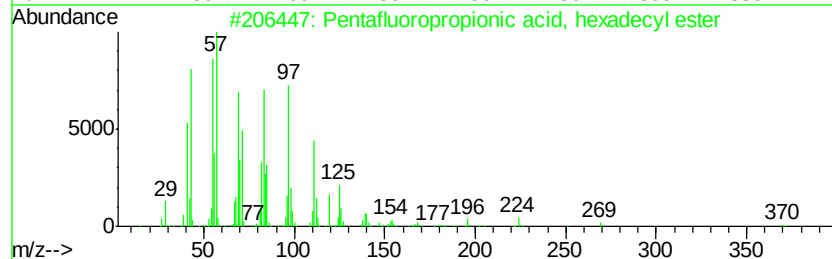
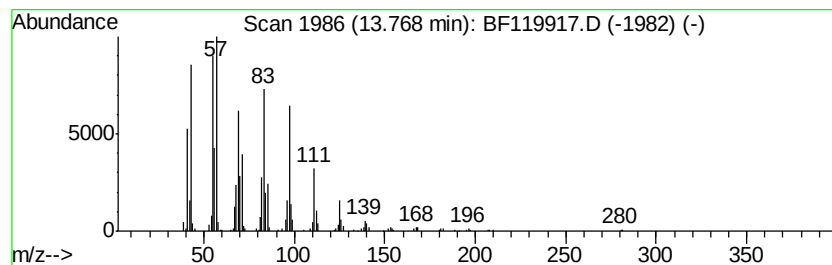
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	9.04 ng	952590	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119917.D
Acq On : 13 Apr 2020 15:39
Operator : MA/SJ
Sample : L2215-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

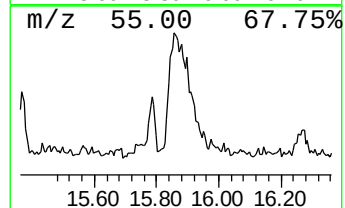
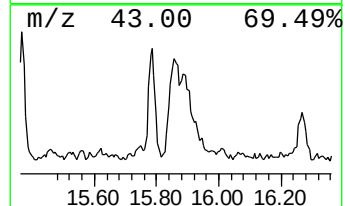
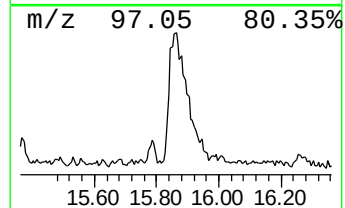
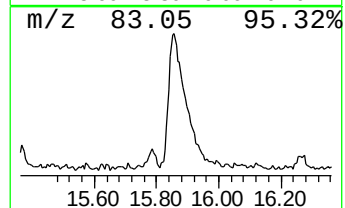
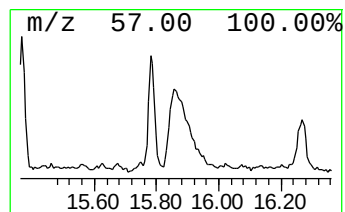
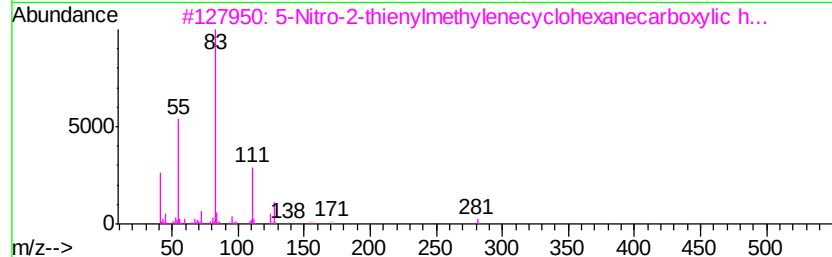
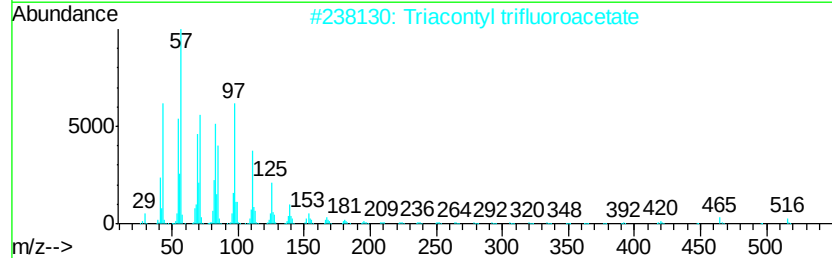
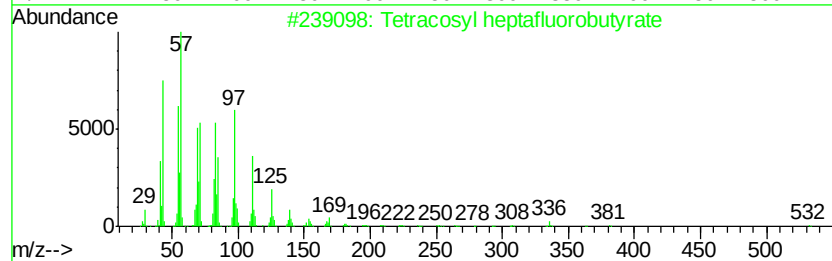
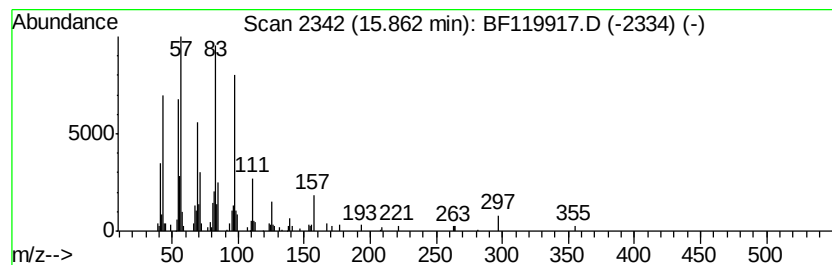
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown15.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.90 ng	579905	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	38
2		Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	30
3		5-Nitro-2-thienylmethylenecyclohex...	281	C12H15N3O3S	042826-29-9	30
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	30
5		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041320\
Data File : BF119917.D
Acq On : 13 Apr 2020 15:39
Operator : MA/SJ
Sample : L2215-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	5.6	ng	377685	1	6.73	1345450	20.0
.alpha.-Pinene	6.01	2.3	ng	157641	1	6.73	1345450	20.0
Camphene	6.18	3.8	ng	252064	1	6.73	1345450	20.0
Ethanol, 2-(2-eth...	6.56	2.0	ng	137421	1	6.73	1345450	20.0
n-Hexadecanoic acid	11.80	8.1	ng	913313	4	11.26	2262910	20.0
Octadecanoic acid	12.59	4.7	ng	496862	5	13.90	2107960	20.0
Pentafluoropropio...	13.77	9.0	ng	952590	5	13.90	2107960	20.0
unknown15.86	15.86	5.9	ng	579905	6	15.33	1964900	20.0