

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119583.D
 Acq On : 27 Mar 2020 22:44
 Operator : CG/JU
 Sample : L2048-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

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-BF031820.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	2.110	3	4	10	rVB	939520	859515	8.11%	1.130%
2	5.040	493	502	510	rBV	201209	269802	2.55%	0.355%
3	5.439	565	570	574	rBV	5461337	5726038	54.04%	7.527%
4	6.451	737	742	745	rBV	3925668	3749414	35.38%	4.929%
5	6.657	774	777	782	rBV	173777	176762	1.67%	0.232%
6	6.834	803	807	810	rBV	2026573	1837460	17.34%	2.415%
7	6.892	814	817	829	rBV	214303	331006	3.12%	0.435%
8	6.992	829	834	837	rVB	7977450	7541186	71.17%	9.913%
9	7.398	895	903	906	rBV	5886073	6610273	62.38%	8.689%
10	7.469	911	915	919	rVV	150383	146394	1.38%	0.192%
11	7.828	973	976	985	rVB	93972	117482	1.11%	0.154%
12	8.116	1020	1025	1028	rBV	2797512	2405384	22.70%	3.162%
13	8.451	1076	1082	1087	rBV	169035	195235	1.84%	0.257%
14	9.198	1203	1209	1212	rBV	10468590	10596491	100.00%	13.929%
15	9.586	1271	1275	1279	rBV	2148520	1916506	18.09%	2.519%
16	9.874	1316	1324	1328	rBV	2992828	2604092	24.58%	3.423%
17	10.669	1452	1459	1462	rBV	6473819	7008578	66.14%	9.213%
18	10.704	1462	1465	1473	rVB	311169	362248	3.42%	0.476%
19	11.363	1573	1577	1580	rBV	3011181	2468328	23.29%	3.245%
20	11.892	1663	1667	1677	rBV	1341133	1434319	13.54%	1.885%
21	12.680	1797	1801	1813	rBV	536482	658432	6.21%	0.866%
22	12.957	1842	1848	1851	rBV	9345985	9435162	89.04%	12.403%
23	13.868	1998	2003	2021	rBV2	669165	1743074	16.45%	2.291%
24	14.004	2021	2026	2029	rVB	2134712	2012518	18.99%	2.645%
25	14.174	2051	2055	2059	rBV	206477	186684	1.76%	0.245%
26	14.480	2103	2107	2111	rBV	340968	287758	2.72%	0.378%
27	14.786	2152	2159	2163	rVB	400323	428094	4.04%	0.563%
28	14.862	2168	2172	2176	rBV	785729	767016	7.24%	1.008%
29	15.127	2210	2217	2224	rBV	457840	521264	4.92%	0.685%
30	15.380	2255	2260	2267	rVB4	77866	144317	1.36%	0.190%
31	15.462	2268	2274	2278	rVV	1620200	2029857	19.16%	2.668%
32	15.509	2278	2282	2290	rVB	395174	554332	5.23%	0.729%
33	15.945	2349	2356	2363	rBV	240223	362093	3.42%	0.476%
34	16.062	2368	2376	2388	rBV6	79491	324648	3.06%	0.427%

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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

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35	16.451	2435	2442	2452	rVB	126615	261742	2.47%	0.344%
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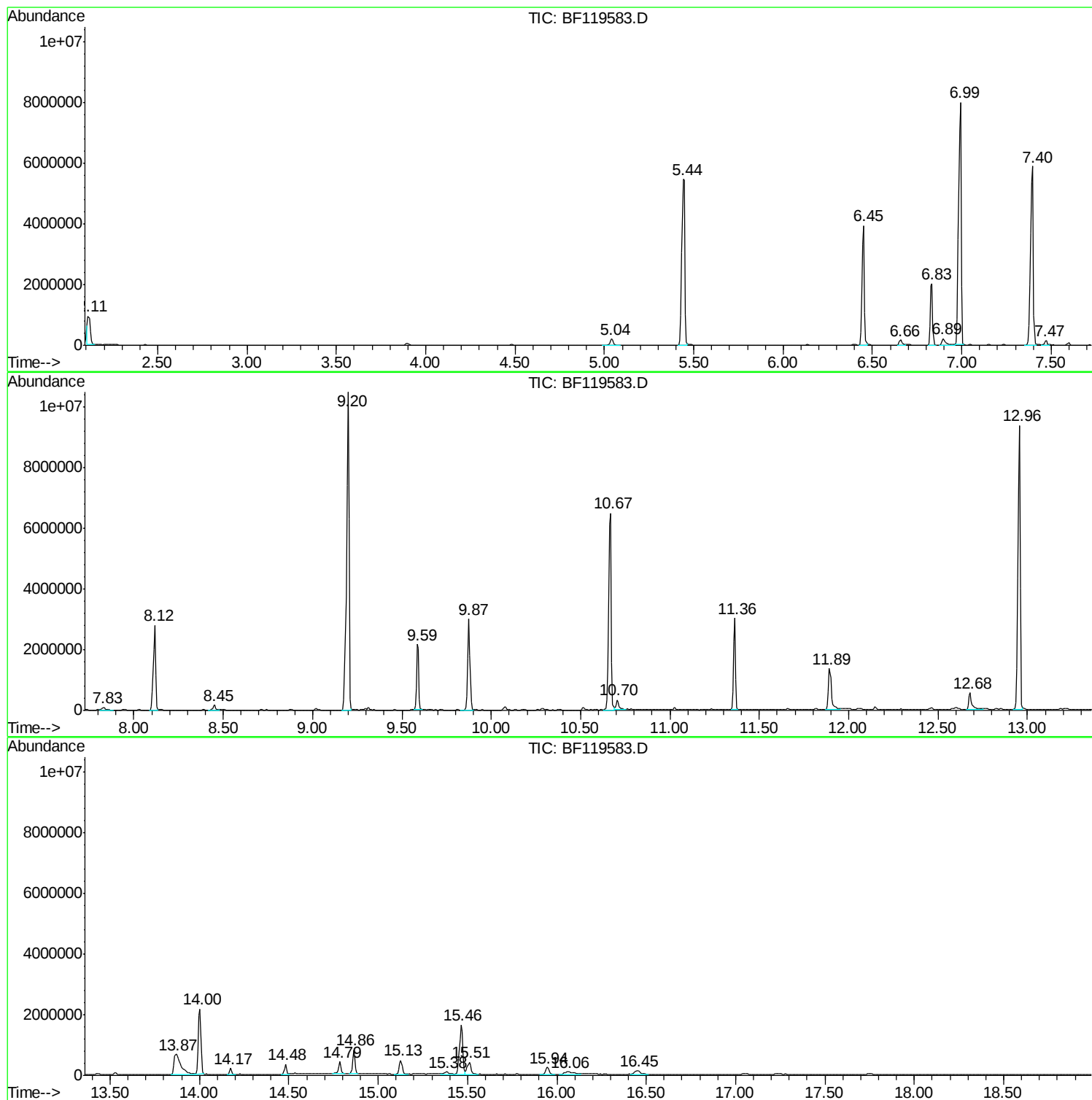
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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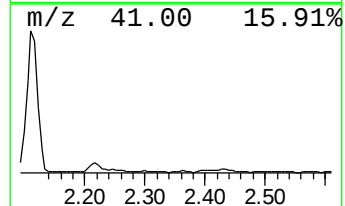
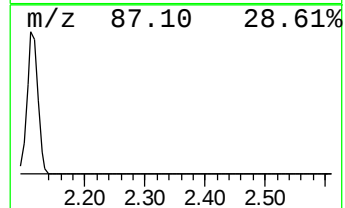
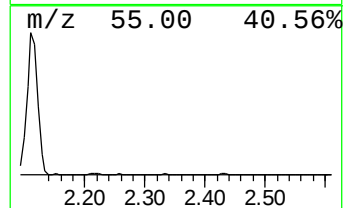
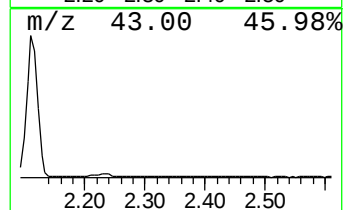
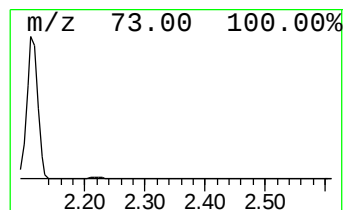
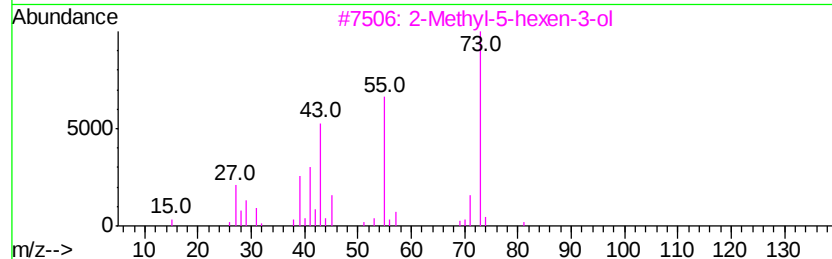
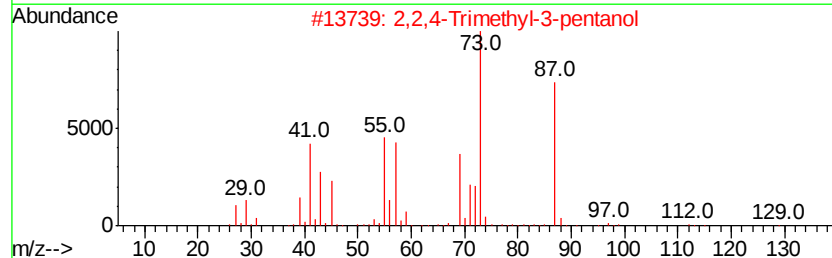
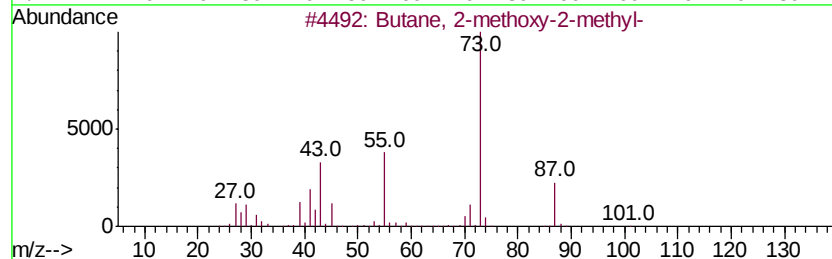
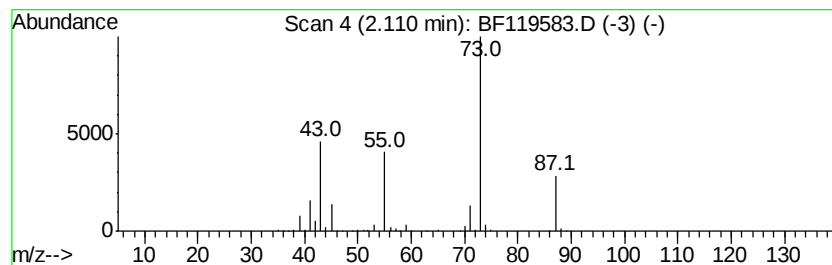
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	9.36 ng	859515	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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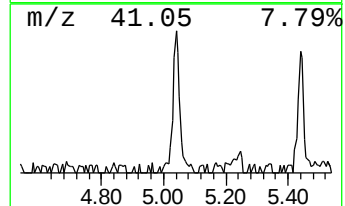
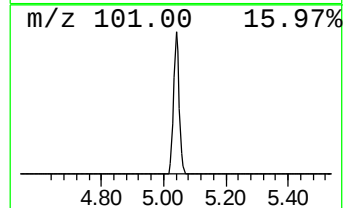
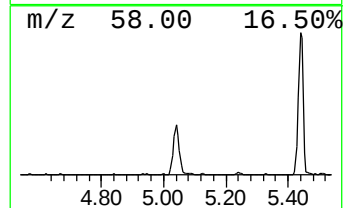
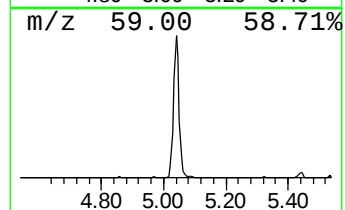
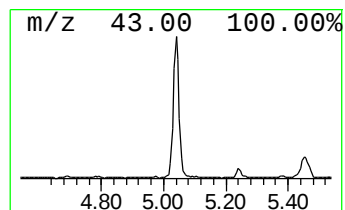
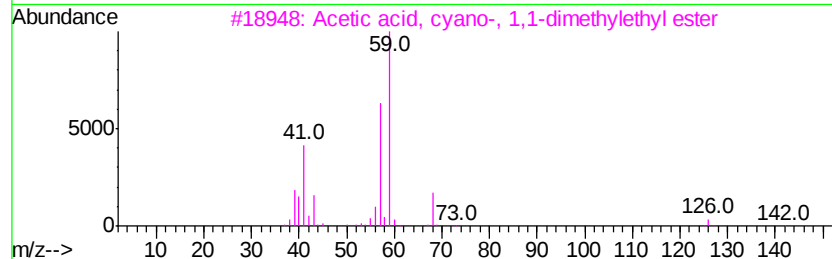
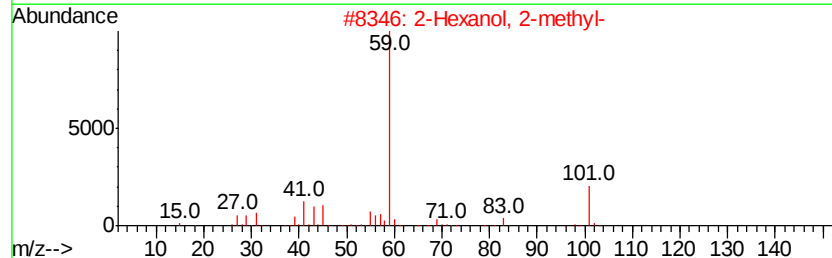
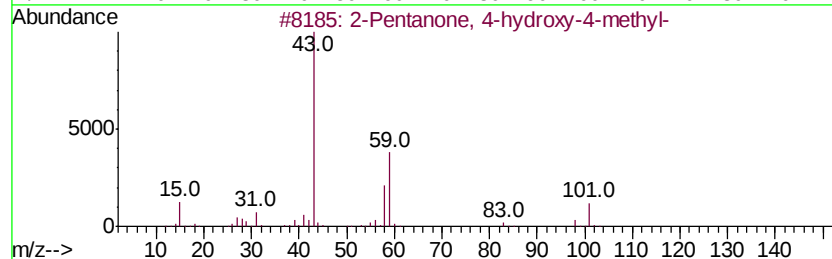
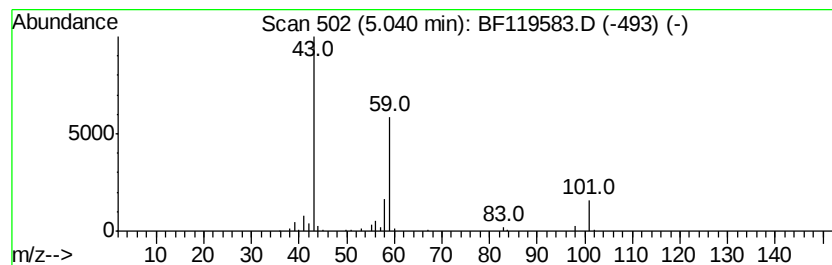
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	2.94 ng	269802	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5			Guanidine	59	CH5N3	000113-00-8	9



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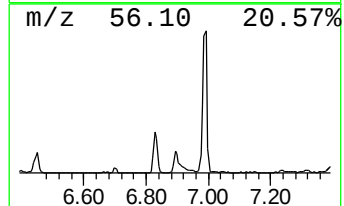
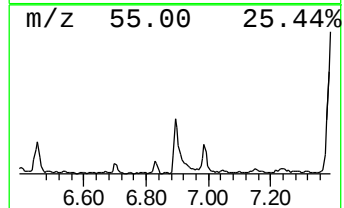
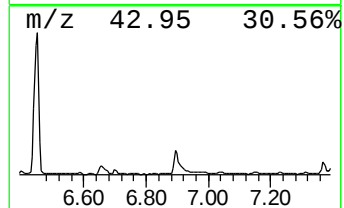
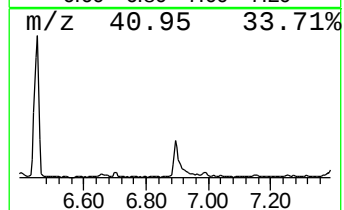
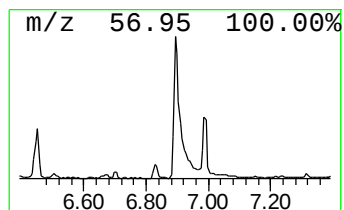
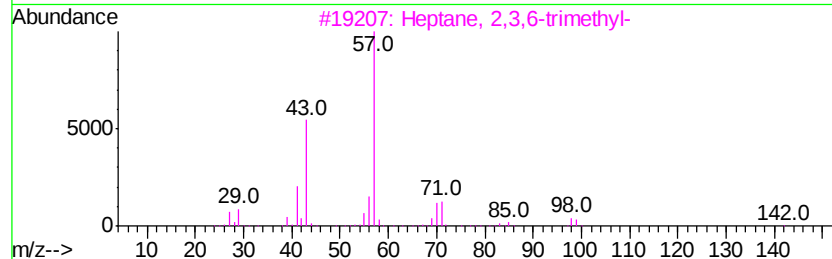
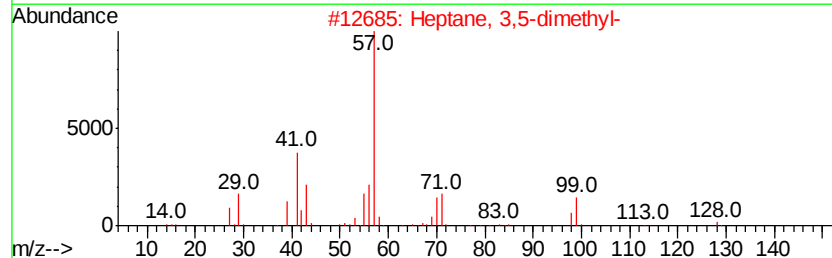
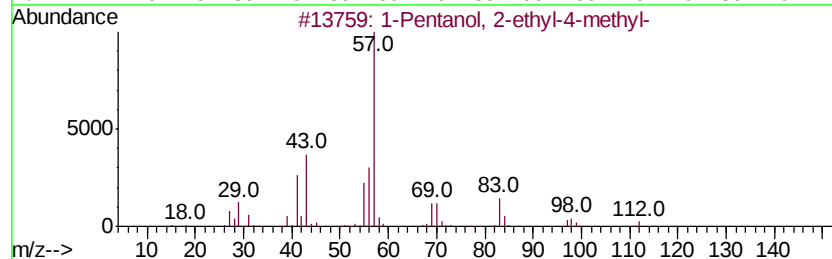
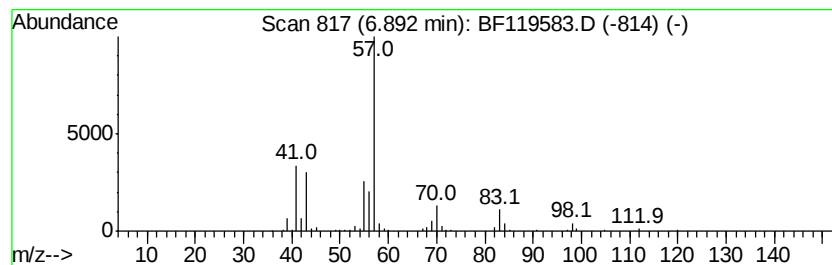
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	3.60 ng	331006	1,4-Dichlorobenzene-d4	6.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
2		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
3		Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	45
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	43
5		Sulfone, 2-hydroxyoctyl t-butyl	250	C12H26O3S	1000161-82-7	42



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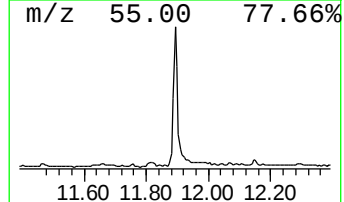
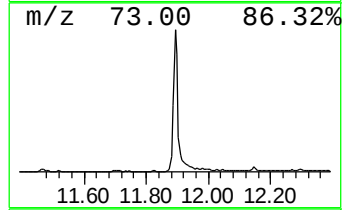
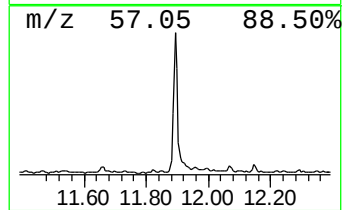
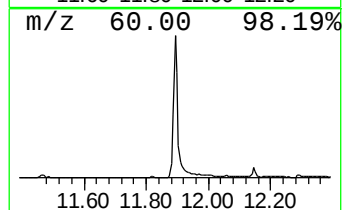
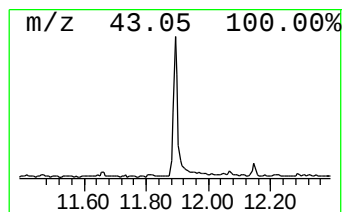
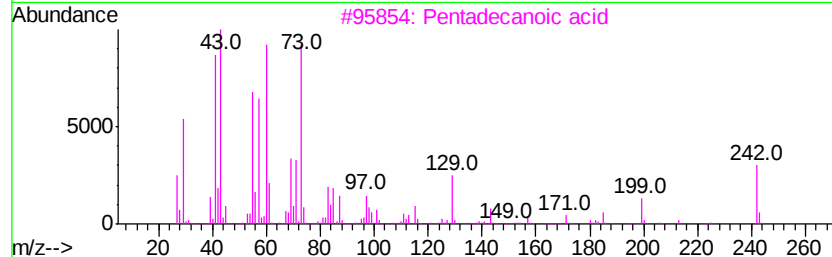
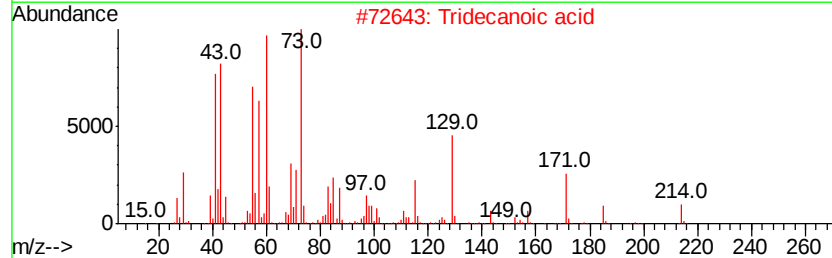
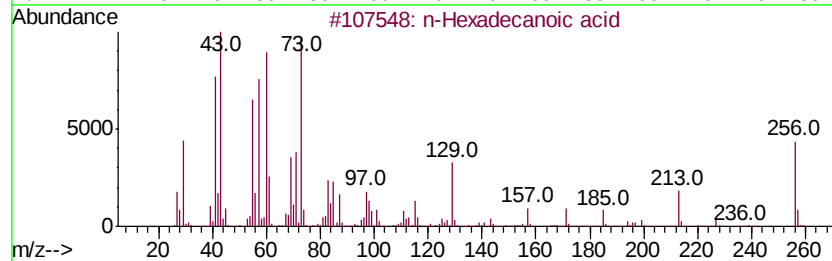
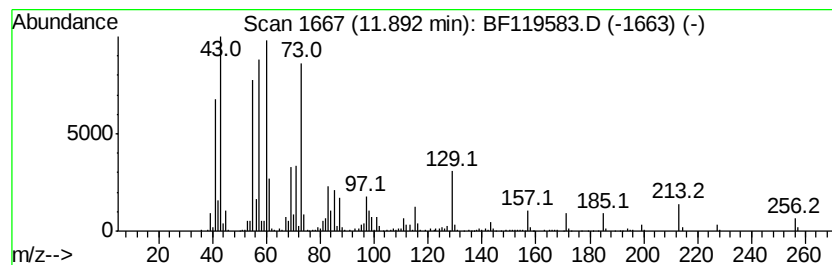
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	11.62 ng	1434320	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Nonanoic acid	158	C9H18O2	000112-05-0	52



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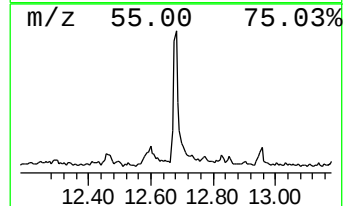
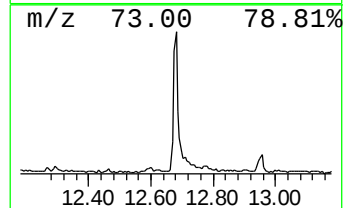
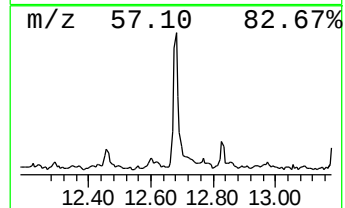
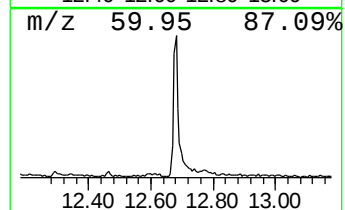
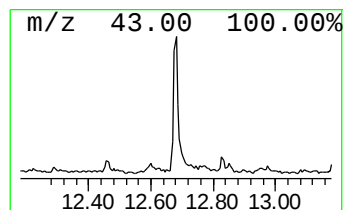
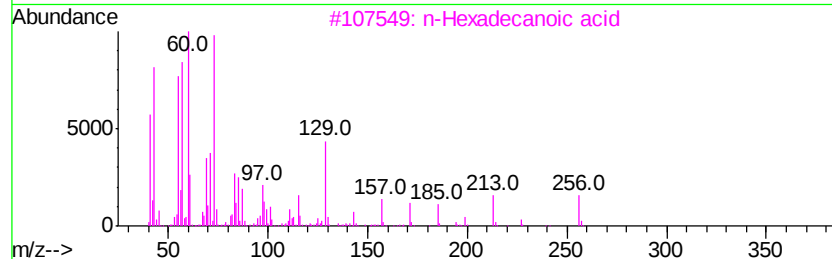
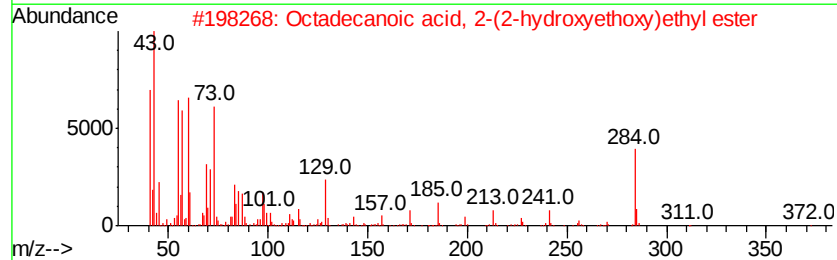
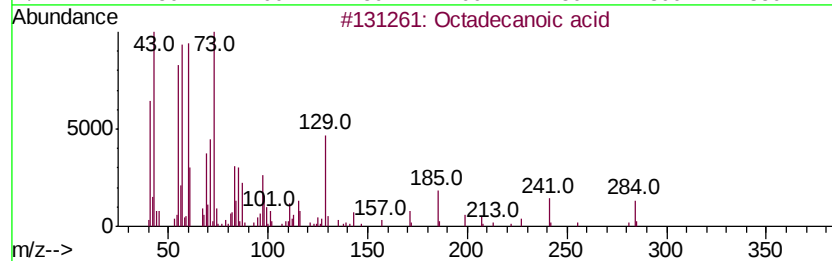
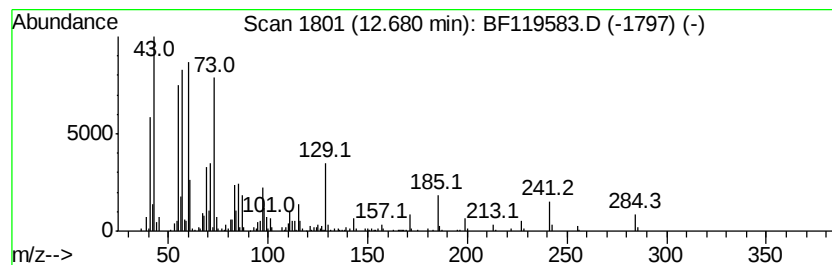
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.68	5.34 ng	658432	Phenanthrene-d10		11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119583.D
Acq On : 27 Mar 2020 22:44
Operator : CG/JU
Sample : L2048-01
Misc :
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Instrument :
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ClientSampleId :
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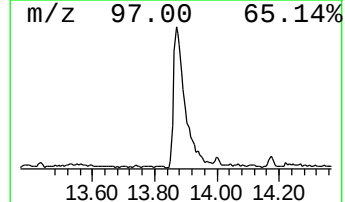
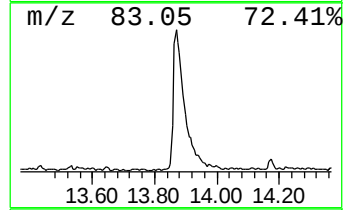
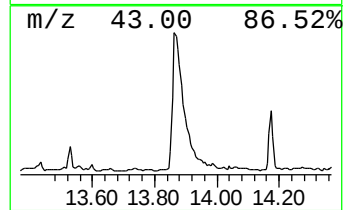
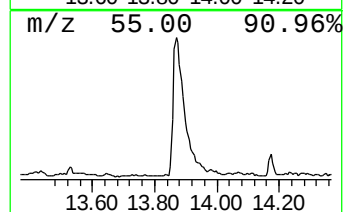
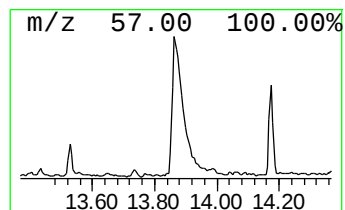
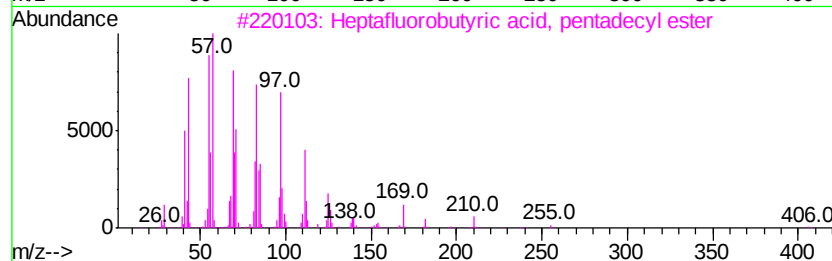
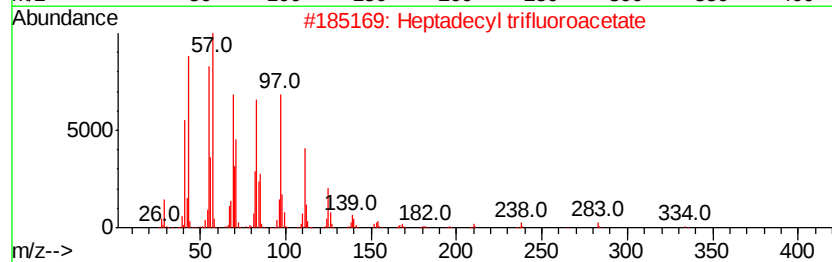
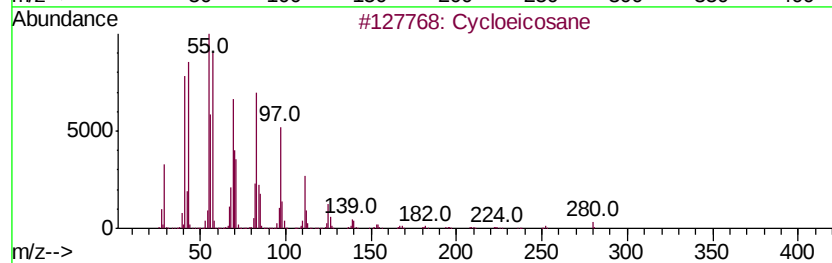
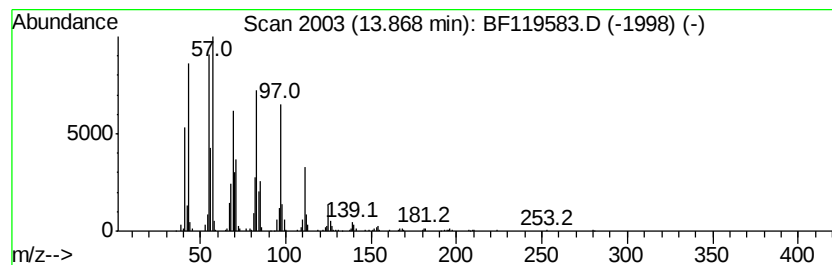
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	17.32 ng	1743070	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloeicosane	280	C20H40	000296-56-0	95
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5		1-Octadecanol	270	C18H38O	000112-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119583.D
Acq On : 27 Mar 2020 22:44
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Sample : L2048-01
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BNA_F
ClientSampleId :
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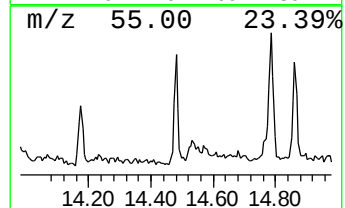
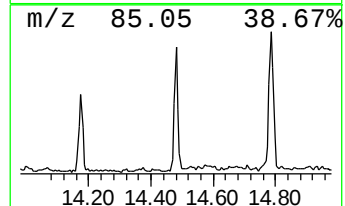
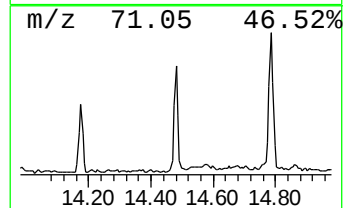
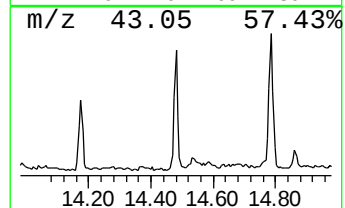
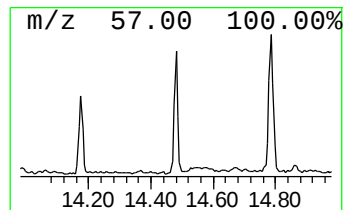
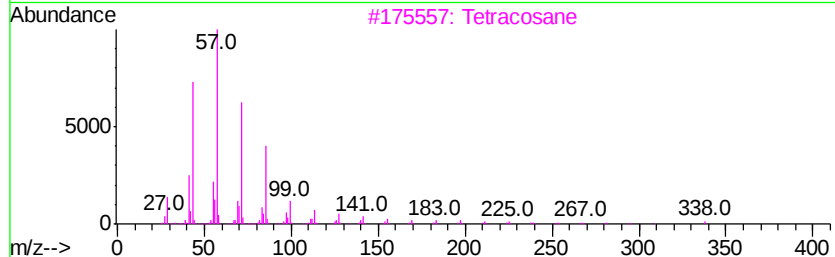
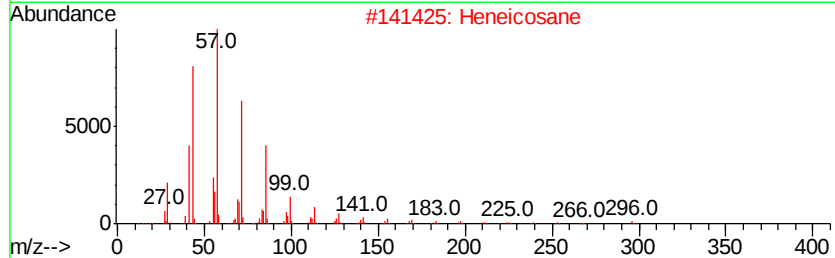
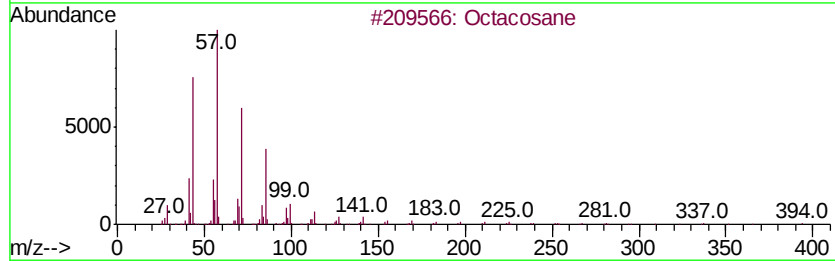
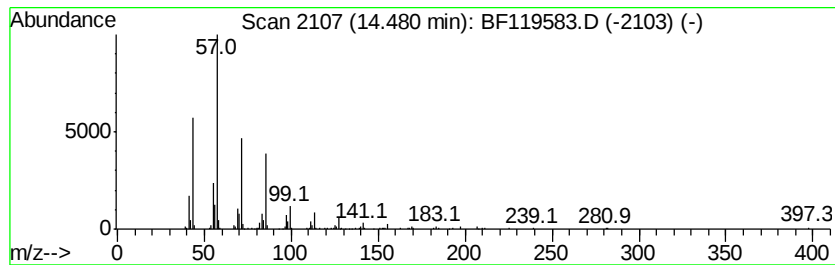
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.86 ng	287758	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Pentacosane		352	C25H52	000629-99-2	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119583.D
 Acq On : 27 Mar 2020 22:44
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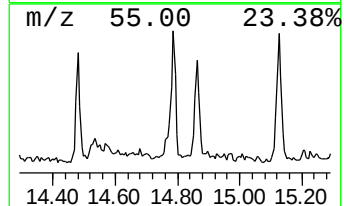
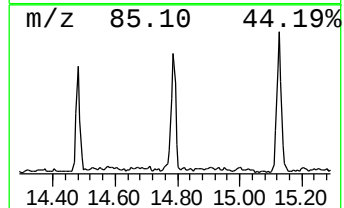
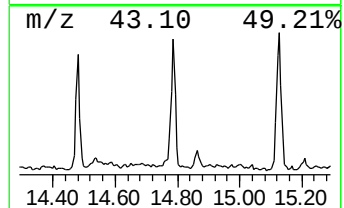
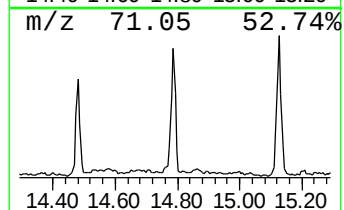
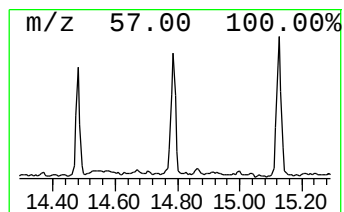
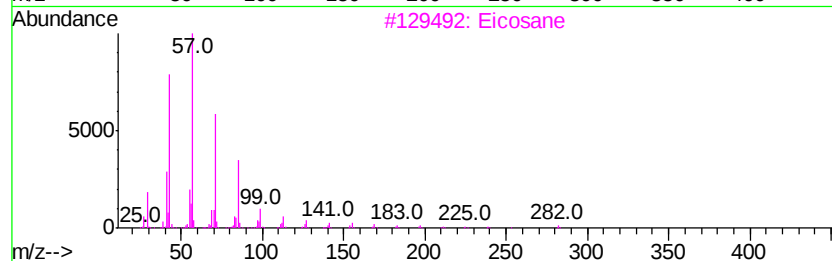
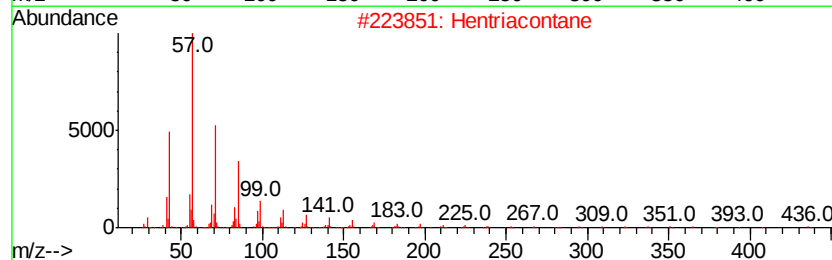
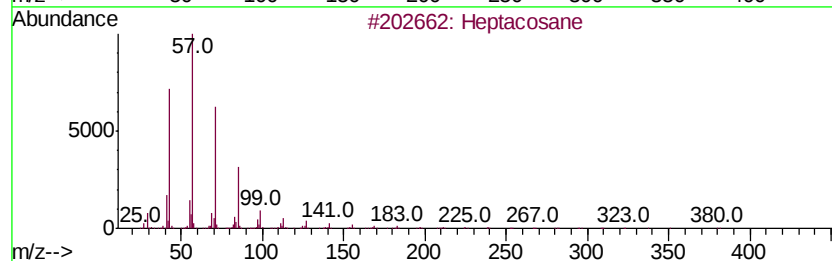
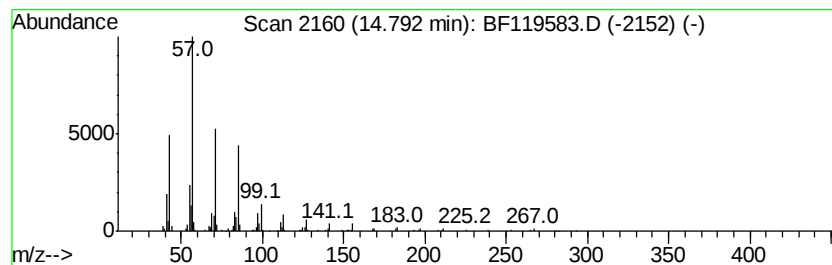
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.22 ng	428094	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Pentacosane		352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119583.D
Acq On : 27 Mar 2020 22:44
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Misc :
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ClientSampleId :
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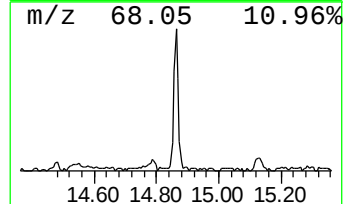
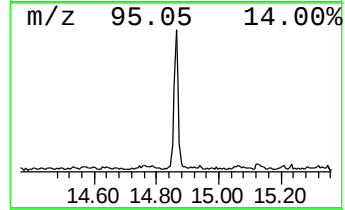
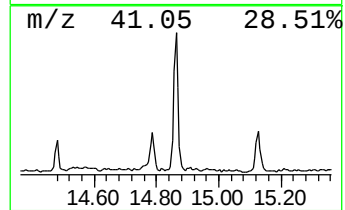
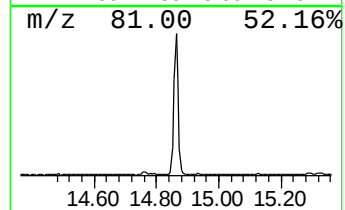
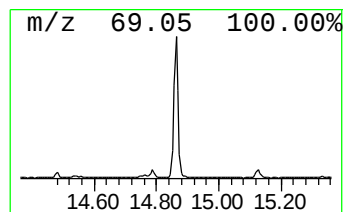
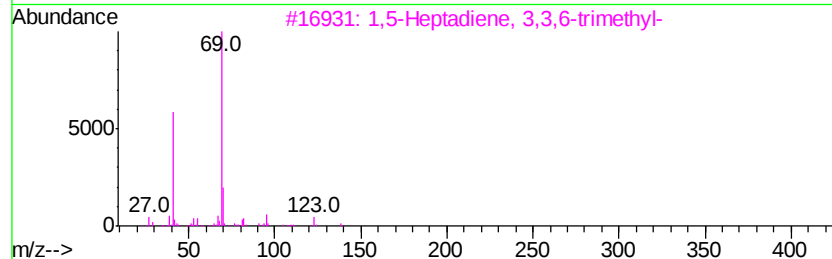
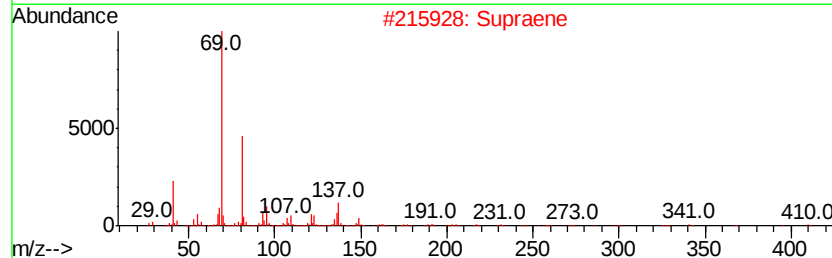
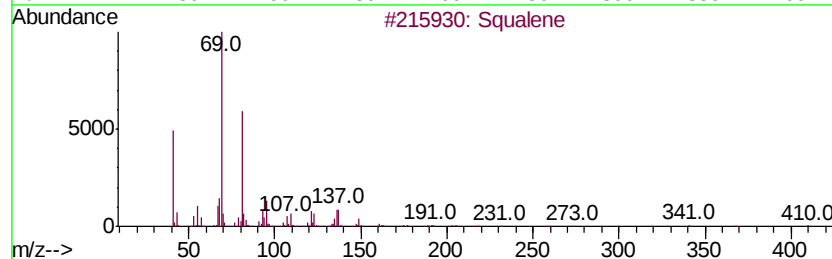
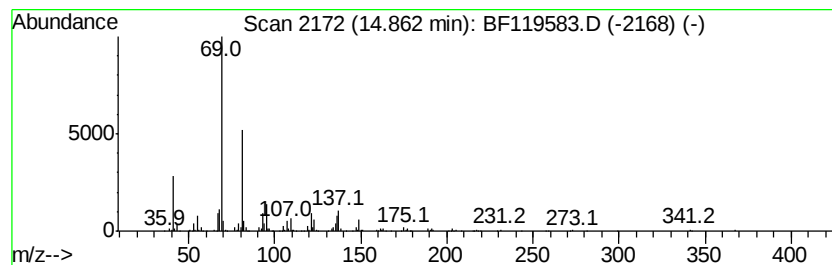
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	7.56 ng	767016	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
4		Cyclopentane, bromo-	148	C5H9Br	000137-43-9	49
5		1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119583.D
Acq On : 27 Mar 2020 22:44
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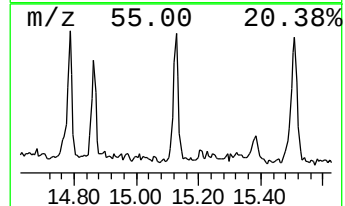
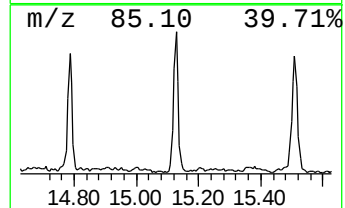
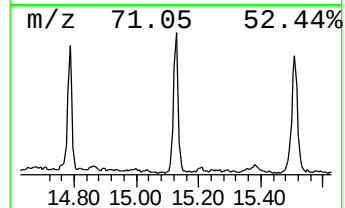
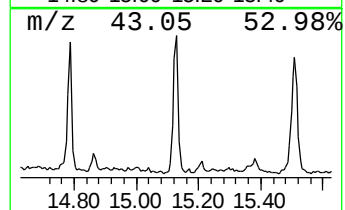
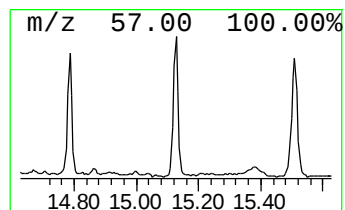
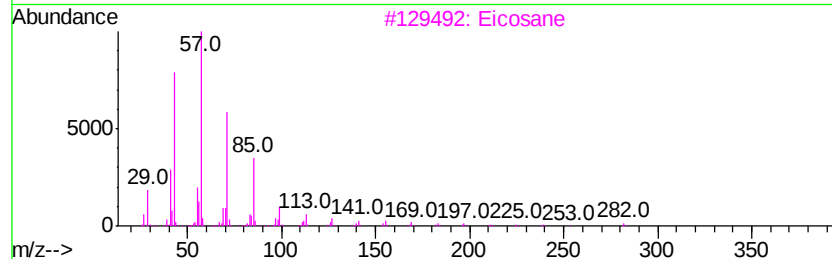
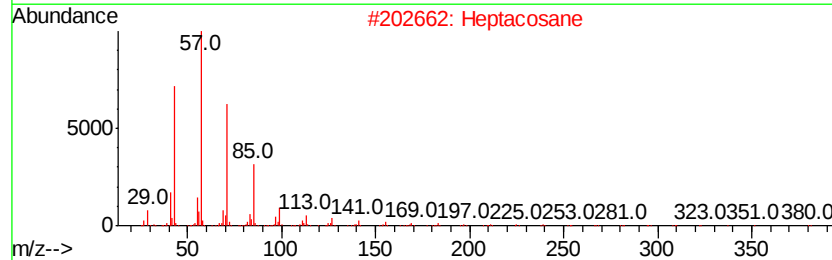
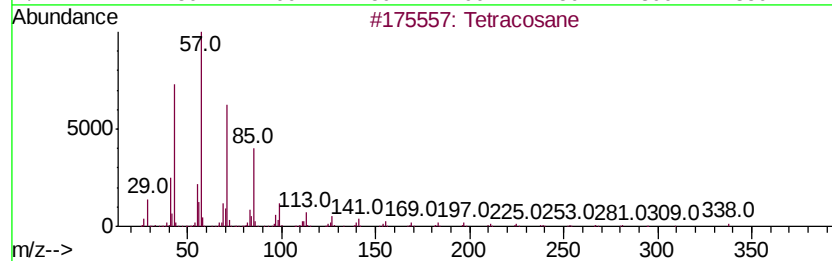
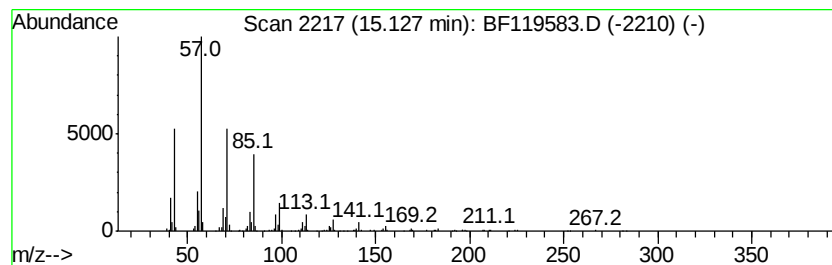
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	5.14 ng	521264	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119583.D
Acq On : 27 Mar 2020 22:44
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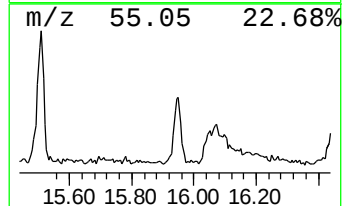
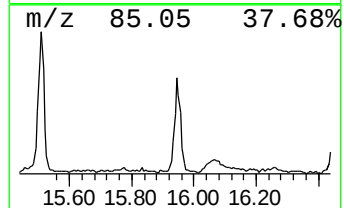
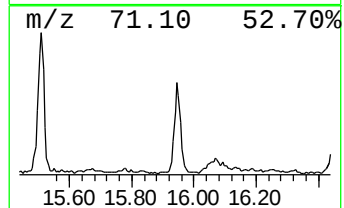
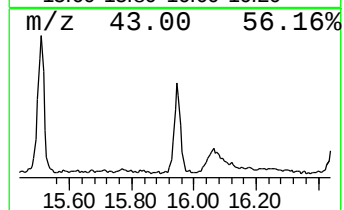
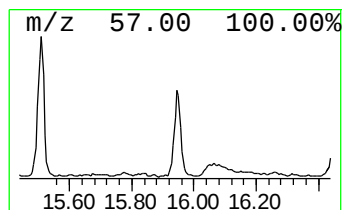
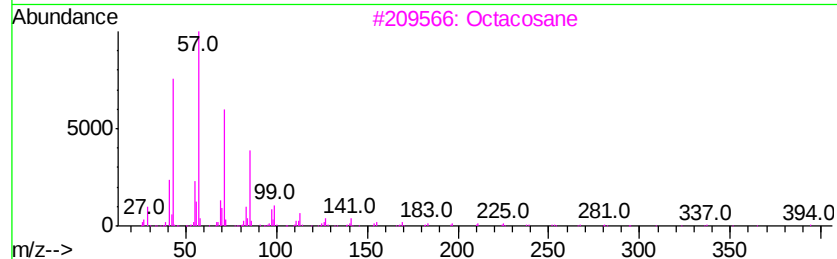
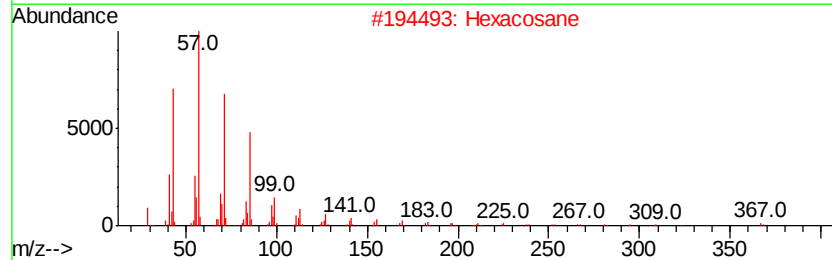
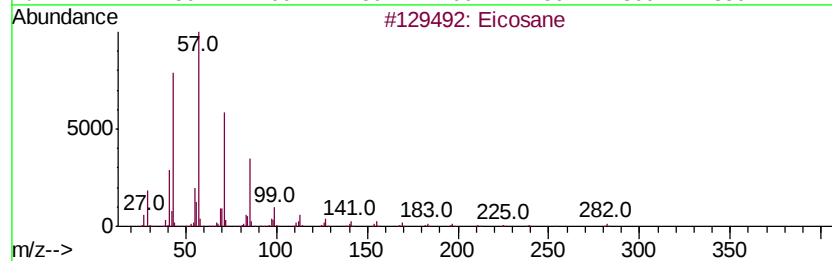
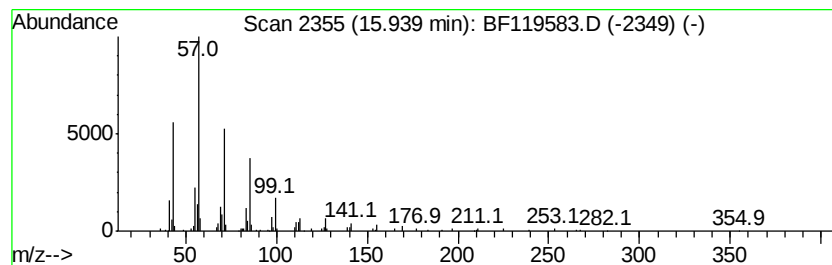
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.57 ng	362093	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	96
2	Hexacosane			366	C26H54	000630-01-3	91
3	Octacosane			394	C28H58	000630-02-4	91
4	Tetratetracontane			619	C44H90	007098-22-8	91
5	Heneicosane			296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119583.D
Acq On : 27 Mar 2020 22:44
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Sample : L2048-01
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Instrument :
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ClientSampleId :
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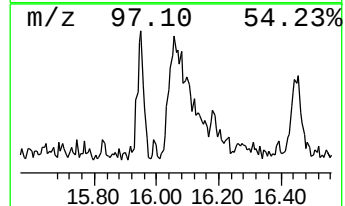
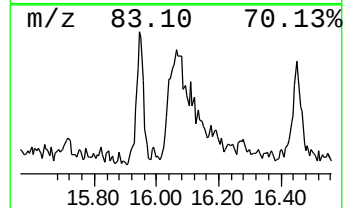
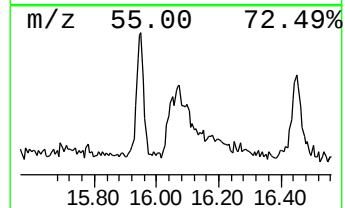
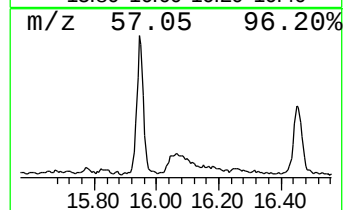
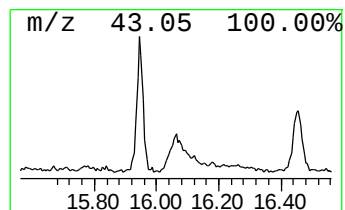
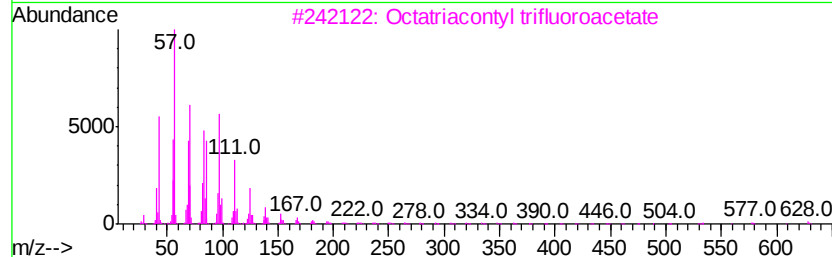
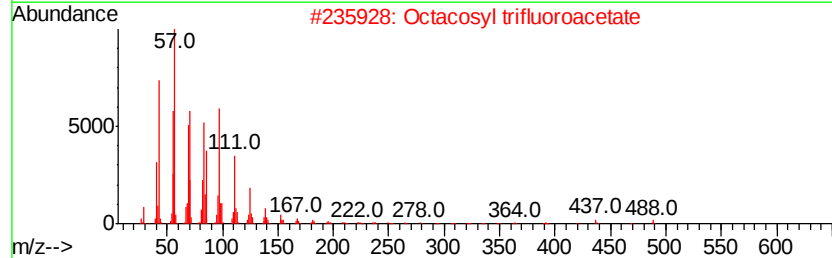
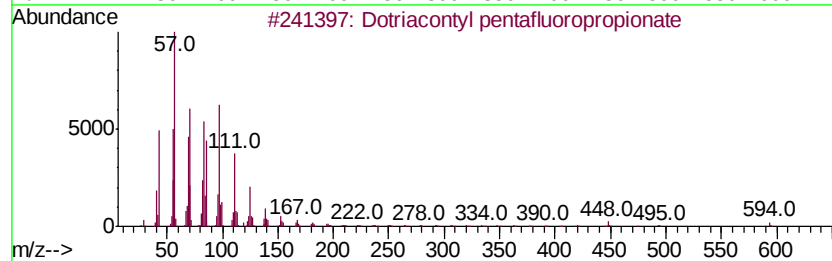
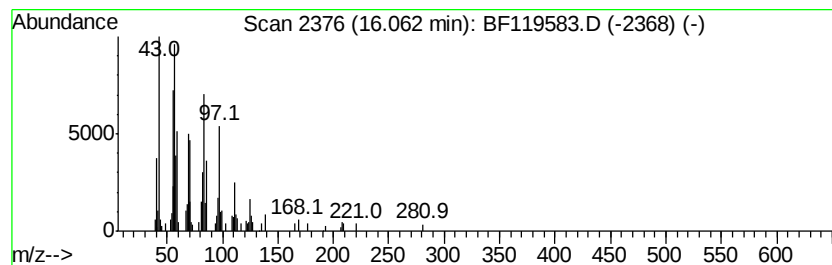
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dotriacontyl pentafluoropro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.20 ng	324648	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	55
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	55
3		Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	55
4		Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	55
5		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119583.D
Acq On : 27 Mar 2020 22:44
Operator : CG/JU
Sample : L2048-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-1

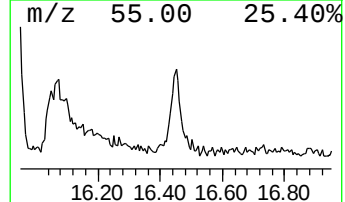
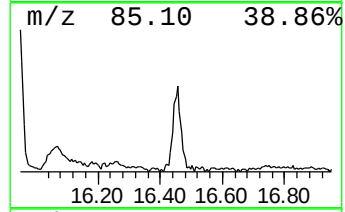
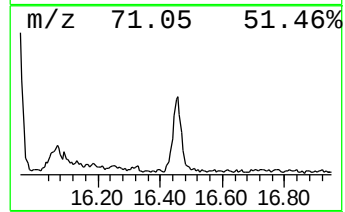
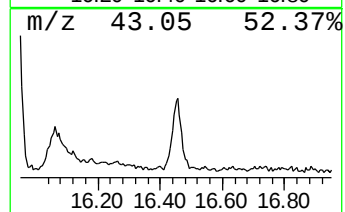
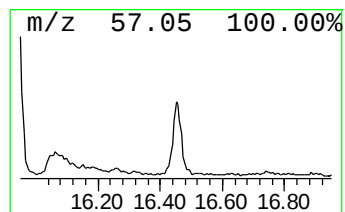
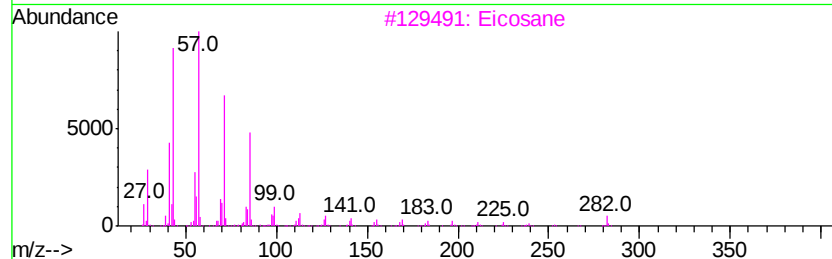
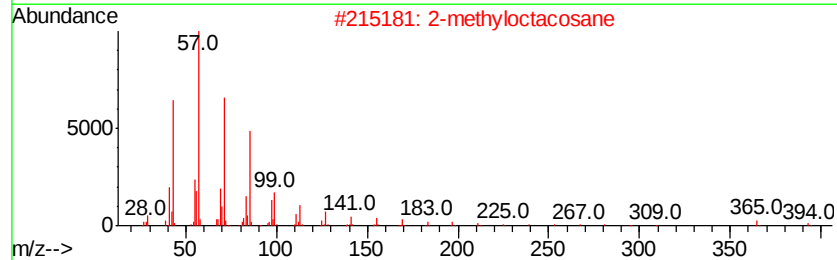
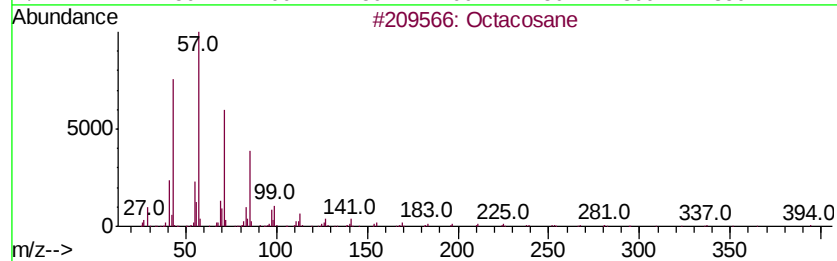
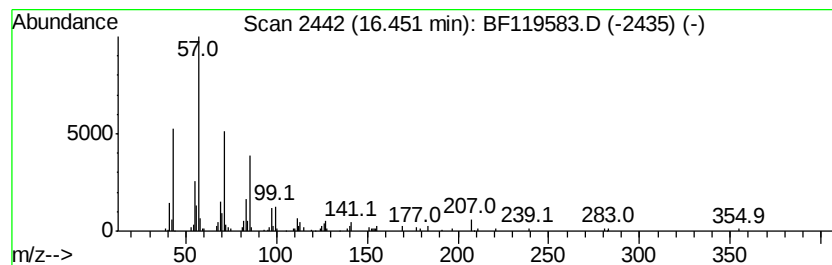
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.58 ng	261742	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Eicosane	282	C20H42	000112-95-8	90
4			Hentriacontane	437	C31H64	000630-04-6	90
5			Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119583.D
 Acq On : 27 Mar 2020 22:44
 Operator : CG/JU
 Sample : L2048-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Butane, 2-methoxy...	2.11	9.4	ng	859515	1	6.83	1837460	20.0
2-Pentanone, 4-hy...	5.04	2.9	ng	269802	1	6.83	1837460	20.0
1-Pentanol, 2-eth...	6.89	3.6	ng	331006	1	6.83	1837460	20.0
n-Hexadecanoic acid	11.89	11.6	ng	1434320	4	11.36	2468330	20.0
Octadecanoic acid	12.68	5.3	ng	658432	4	11.36	2468330	20.0
Cycloeicosane	13.87	17.3	ng	1743070	5	14.00	2012520	20.0
Octacosane	14.48	2.9	ng	287758	5	14.00	2012520	20.0
Heptacosane	14.79	4.2	ng	428094	6	15.46	2029860	20.0
Squalene	14.86	7.6	ng	767016	6	15.46	2029860	20.0
Tetracosane	15.13	5.1	ng	521264	6	15.46	2029860	20.0
Eicosane	15.94	3.6	ng	362093	6	15.46	2029860	20.0
Dotriacontyl pent...	16.06	3.2	ng	324648	6	15.46	2029860	20.0
2-methyloctacosane	16.45	2.6	ng	261742	6	15.46	2029860	20.0