

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119554.D
 Acq On : 27 Mar 2020 8:15
 Operator : CG/JU
 Sample : L2037-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

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	2.140	3	9	18	rVB	378318	497499	4.53%	0.562%
2	2.246	22	27	32	rVB	129949	160502	1.46%	0.181%
3	5.057	497	505	515	rBV	582865	873355	7.96%	0.987%
4	5.451	566	572	575	rBV	7543206	8888745	81.02%	10.043%
5	6.463	737	744	747	rBV	7022537	8823569	80.43%	9.970%
6	6.833	803	807	810	rBV	1961763	1555855	14.18%	1.758%
7	6.992	829	834	837	rBV	7585555	6989266	63.71%	7.897%
8	7.398	897	903	906	rBV	5596416	5880954	53.60%	6.645%
9	8.116	1020	1025	1028	rBV	2357393	2028223	18.49%	2.292%
10	9.198	1203	1209	1212	rBV	9610204	10593997	96.56%	11.970%
11	9.586	1271	1275	1279	rBV	615948	493864	4.50%	0.558%
12	9.874	1319	1324	1328	rBV	2821620	2419485	22.05%	2.734%
13	10.669	1452	1459	1462	rBV	7021223	7096986	64.69%	8.019%
14	11.363	1572	1577	1580	rBV	3112365	2606011	23.75%	2.944%
15	11.898	1663	1668	1681	rBV	2117622	2217939	20.22%	2.506%
16	12.686	1798	1802	1815	rBV	1026128	1234964	11.26%	1.395%
17	12.962	1843	1849	1852	rBV	10164846	10971087	100.00%	12.396%
18	13.433	1926	1929	1934	rVB	147777	130468	1.19%	0.147%
19	13.857	1997	2001	2022	rBV	1280912	2179927	19.87%	2.463%
20	14.004	2022	2026	2030	rVB	2582310	2264522	20.64%	2.559%
21	14.180	2052	2056	2059	rBV	750423	663847	6.05%	0.750%
22	14.486	2104	2108	2111	rBV	1258953	1142172	10.41%	1.291%
23	14.792	2156	2160	2169	rVB	1578912	1493076	13.61%	1.687%
24	15.133	2213	2218	2224	rBV	1435384	1599704	14.58%	1.807%
25	15.468	2270	2275	2279	rBV	1616664	1927170	17.57%	2.177%
26	15.515	2279	2283	2293	rVB	1153504	1492307	13.60%	1.686%
27	15.956	2352	2358	2364	rBV	744548	1100205	10.03%	1.243%
28	16.033	2365	2371	2390	rVV5	96013	396211	3.61%	0.448%
29	16.462	2438	2444	2451	rBV	335788	583460	5.32%	0.659%
30	17.062	2539	2546	2553	rBV2	96884	200188	1.82%	0.226%

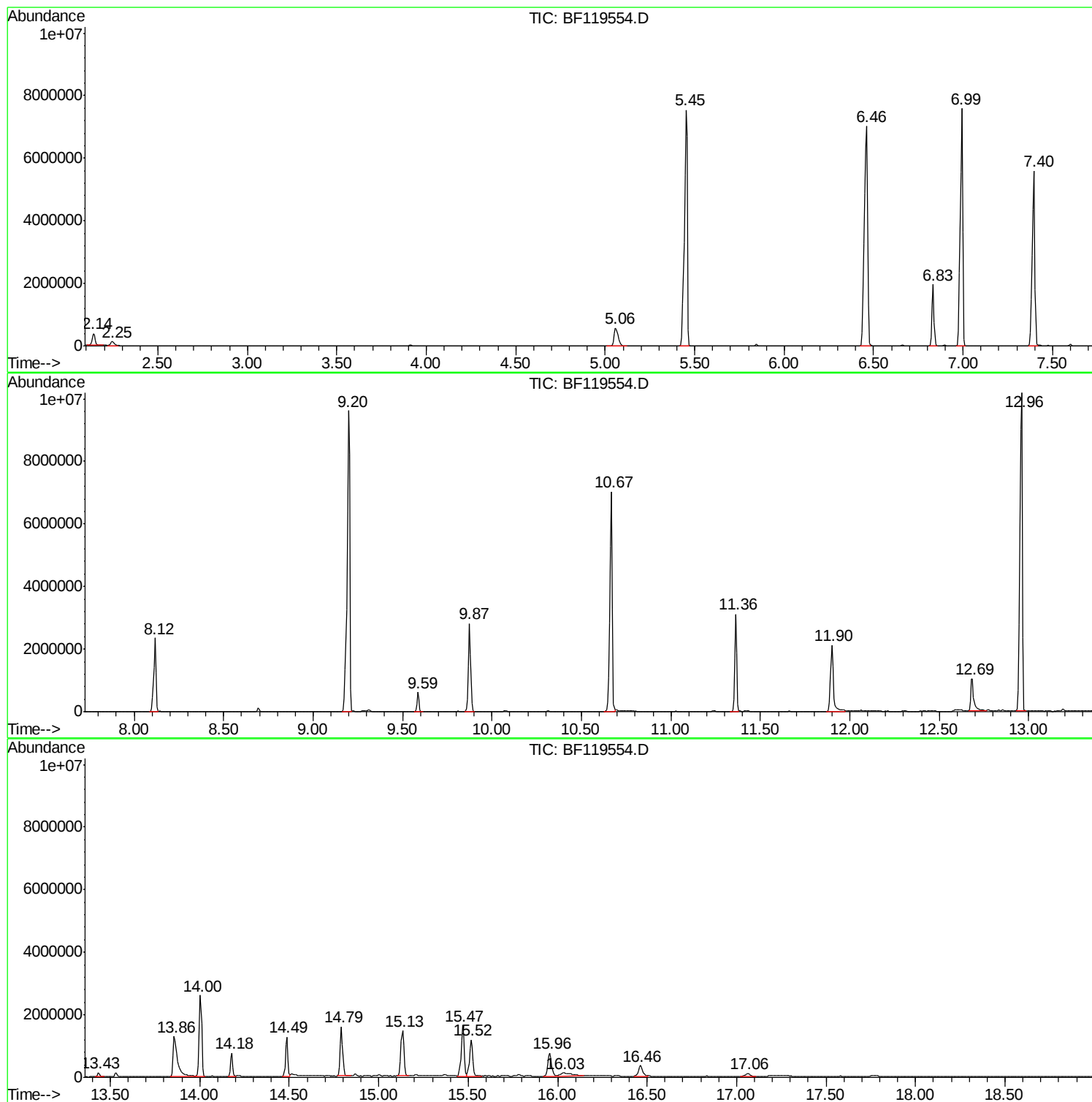
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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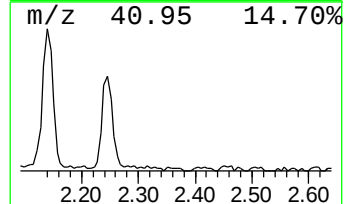
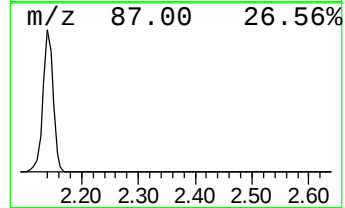
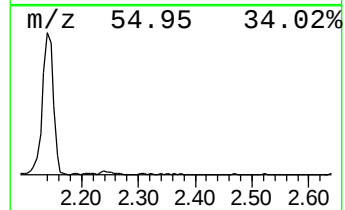
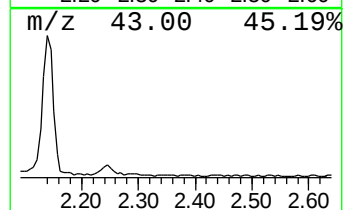
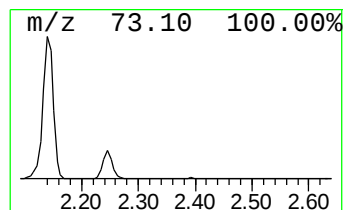
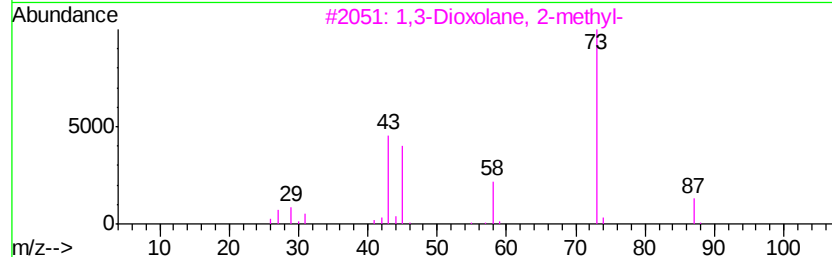
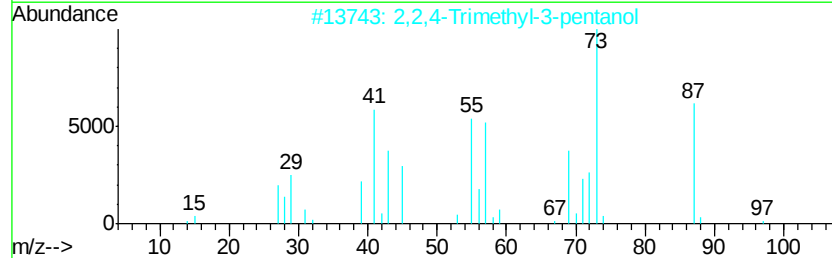
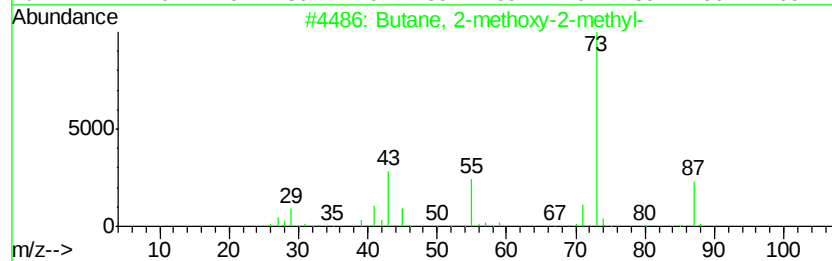
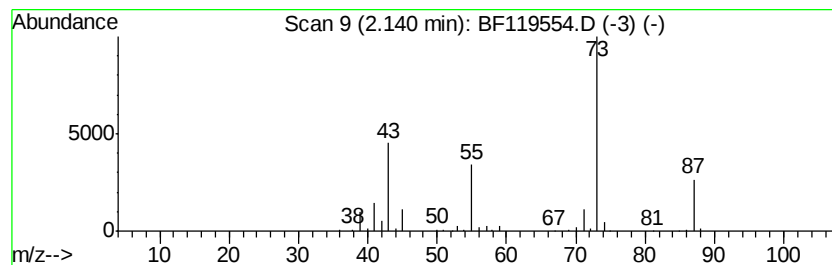
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	6.40 ng	497499	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23



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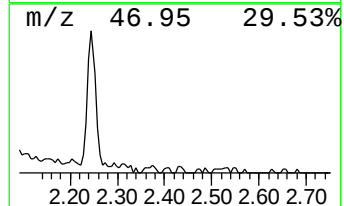
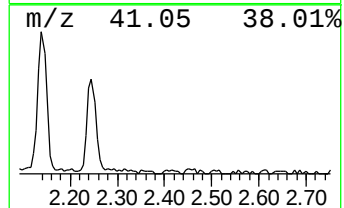
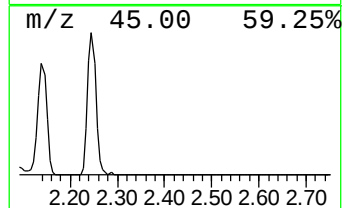
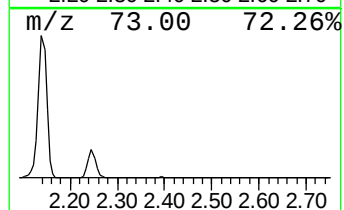
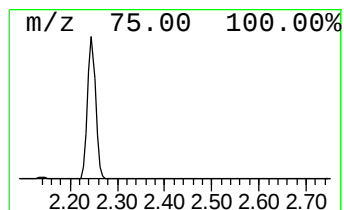
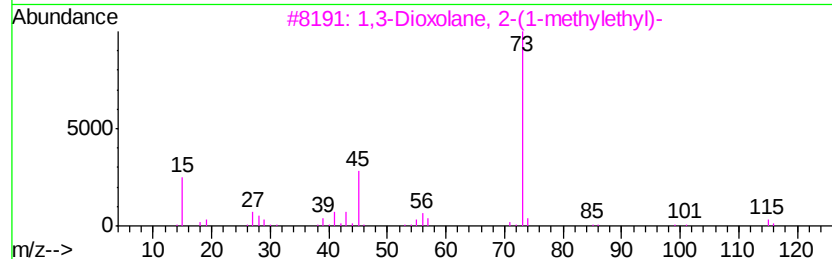
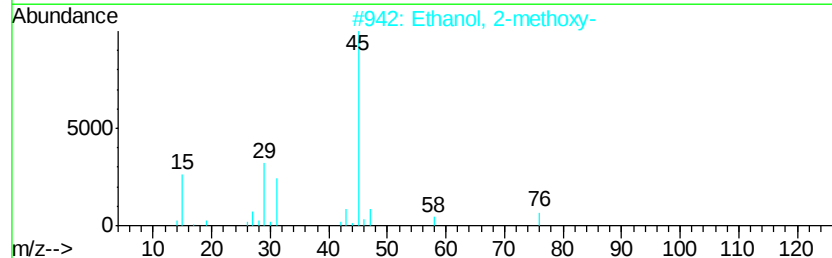
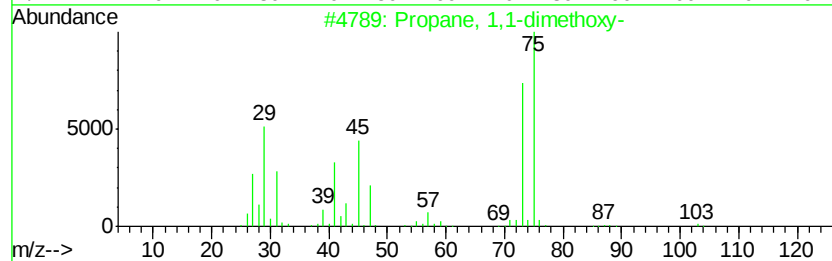
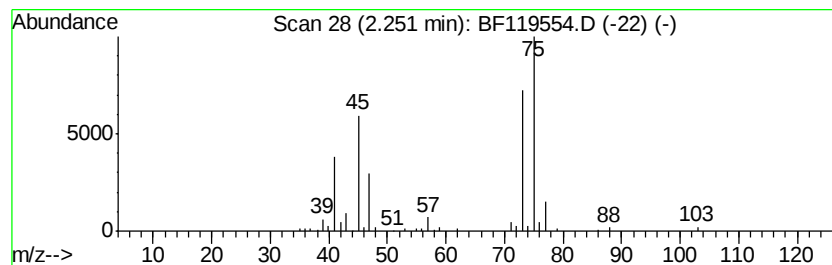
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Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	2.06 ng	160502	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2		Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
3		1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
4		Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
5		Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9



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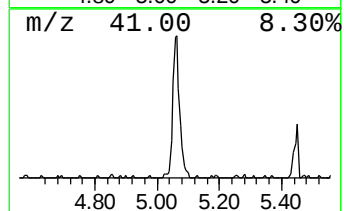
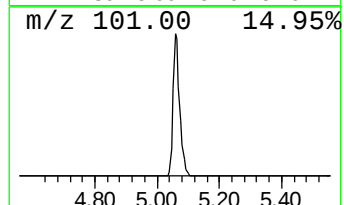
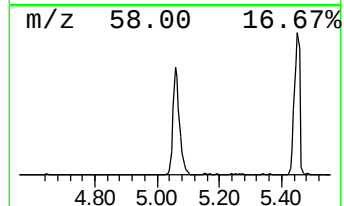
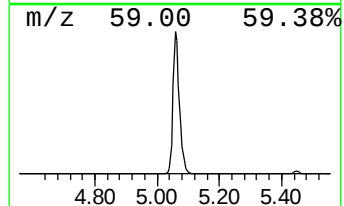
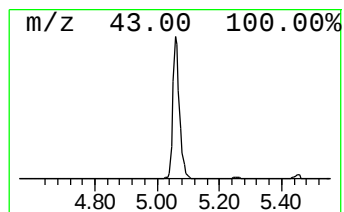
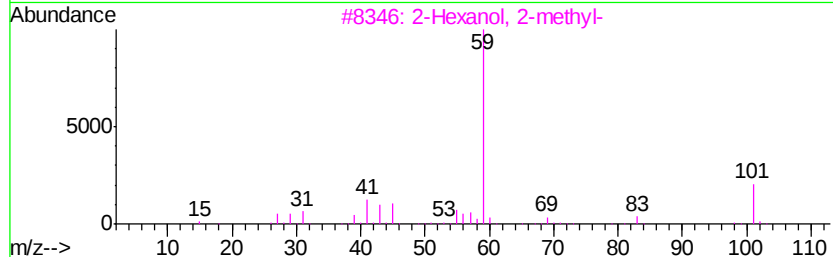
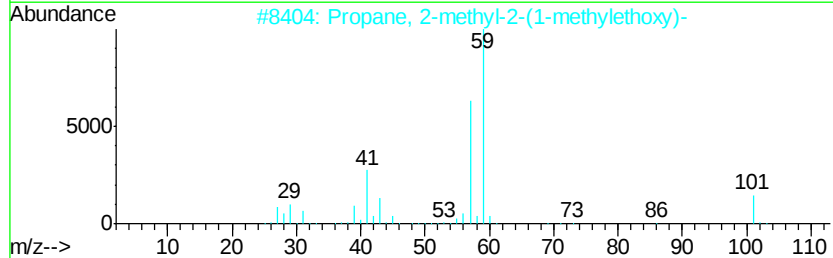
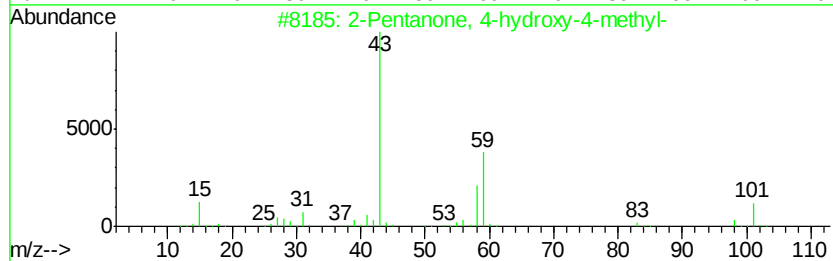
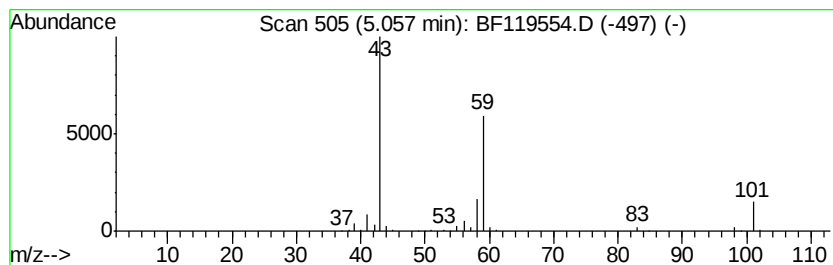
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	11.23 ng	873355	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



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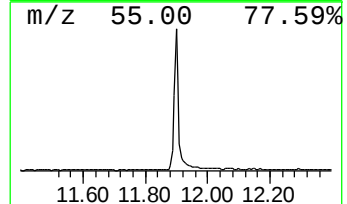
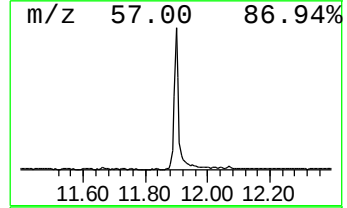
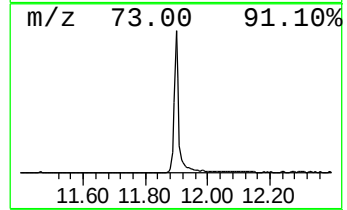
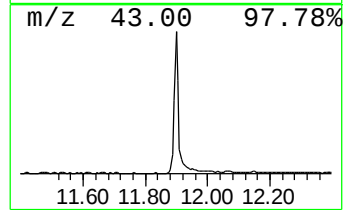
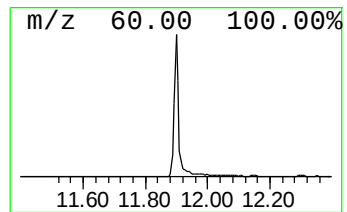
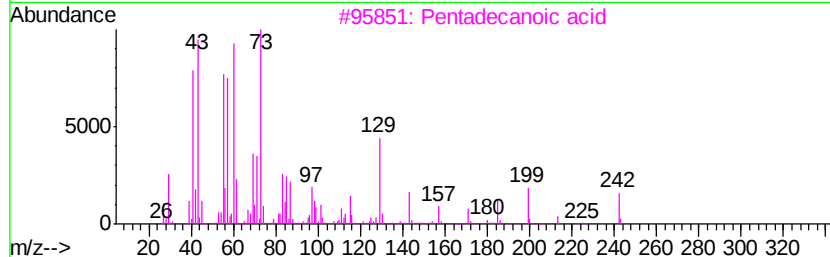
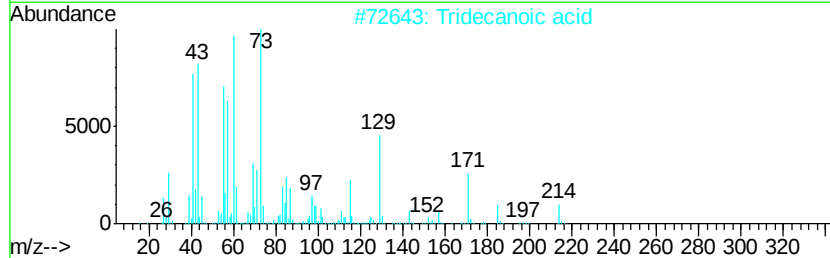
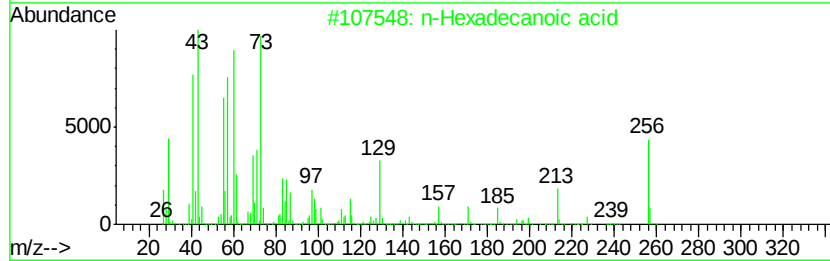
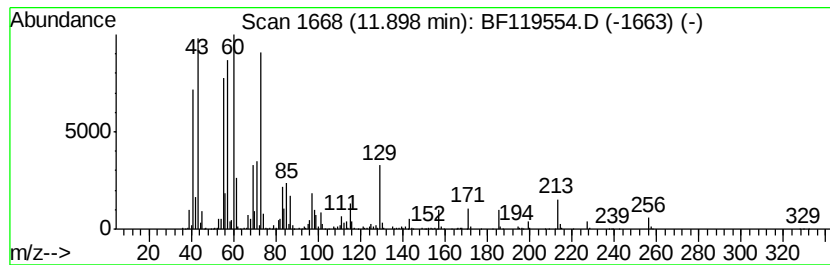
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	17.02 ng	2217940	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	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



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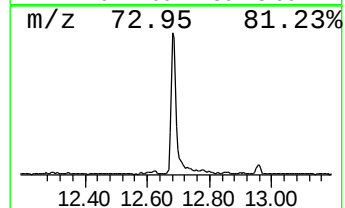
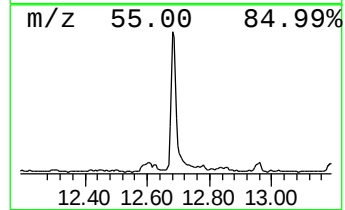
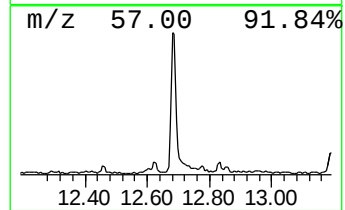
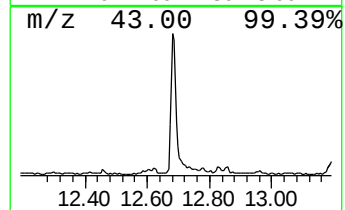
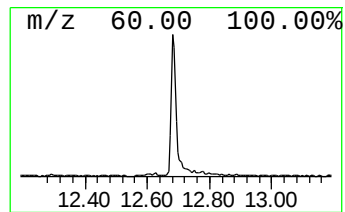
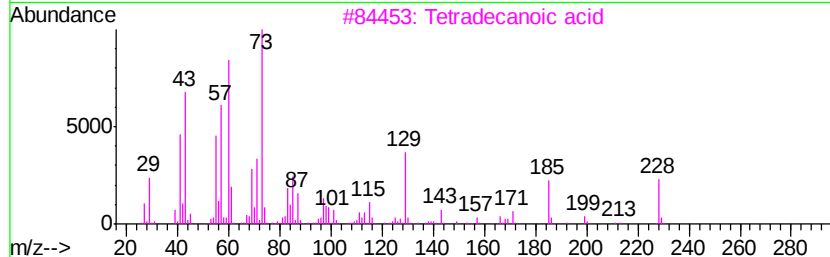
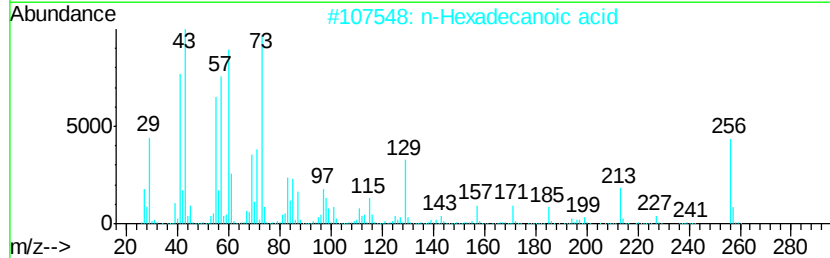
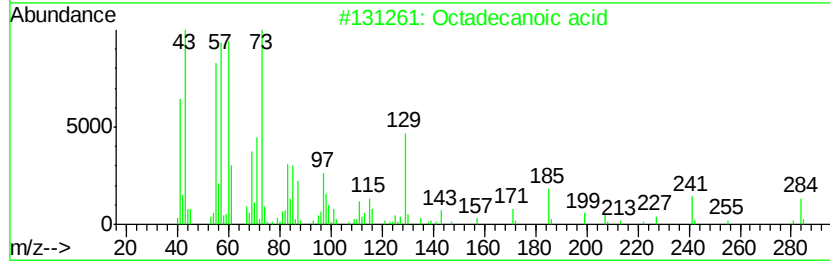
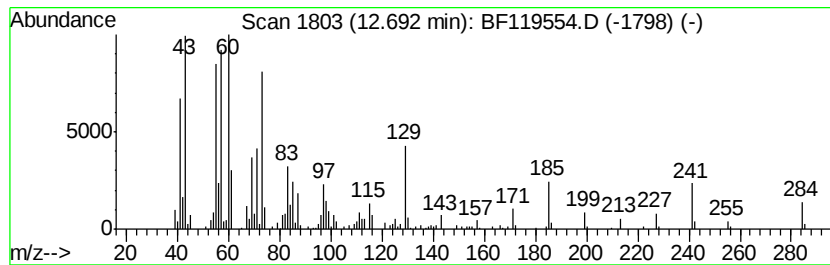
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Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	10.91 ng	1234960	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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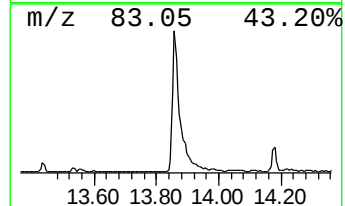
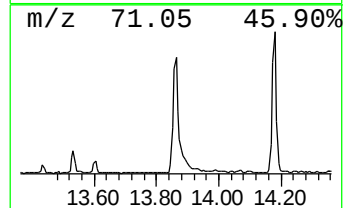
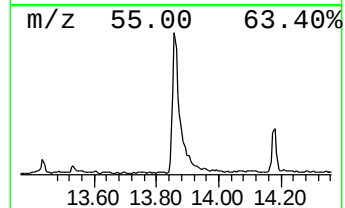
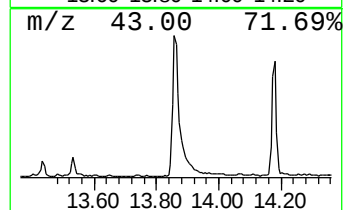
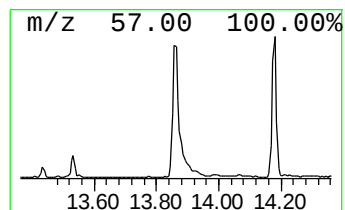
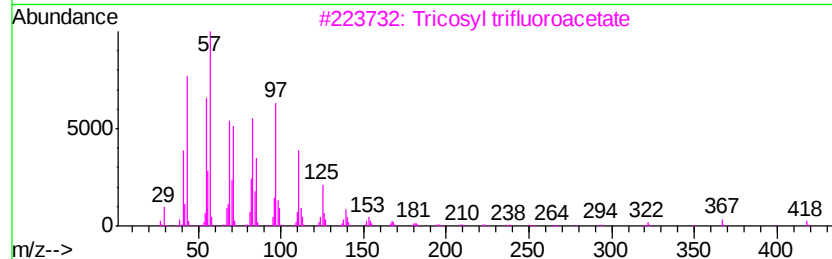
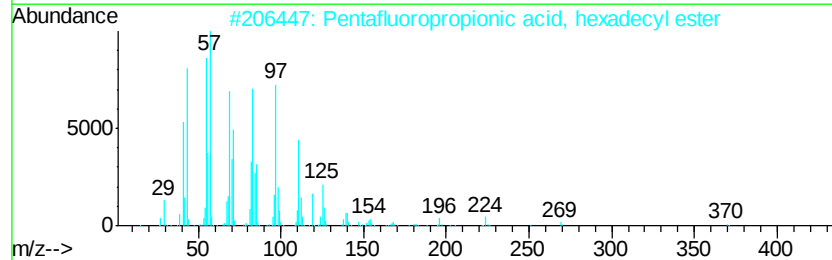
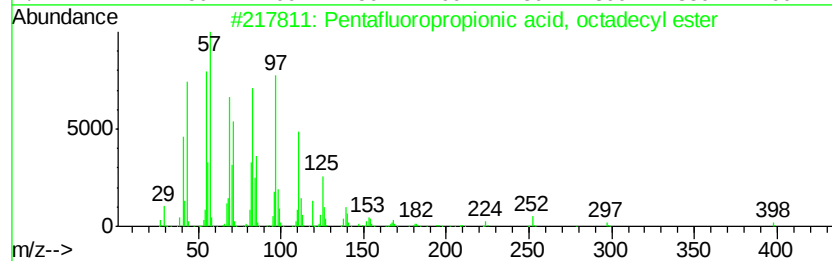
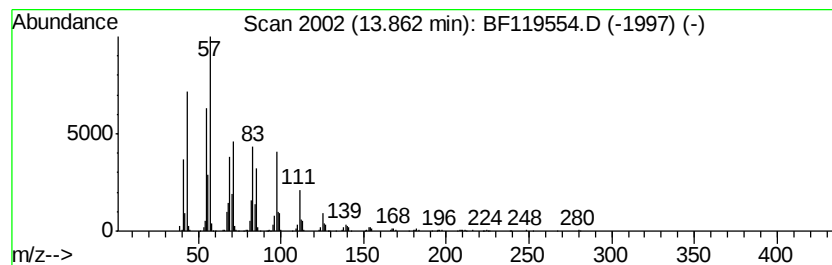
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	19.25 ng	2179930	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91
2		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119554.D
Acq On : 27 Mar 2020 8:15
Operator : CG/JU
Sample : L2037-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

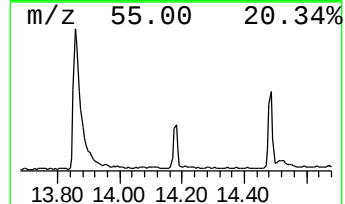
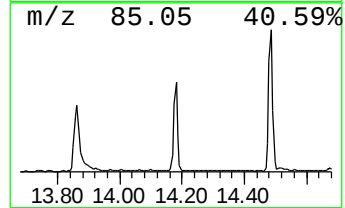
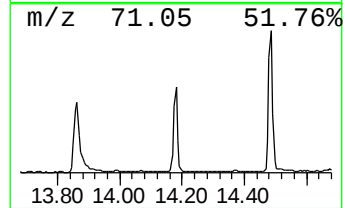
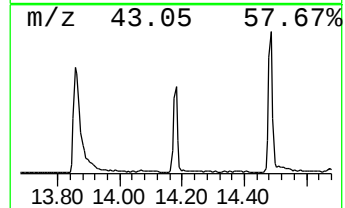
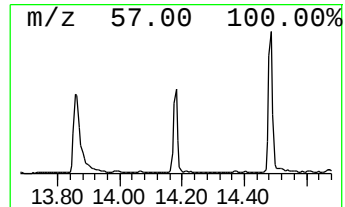
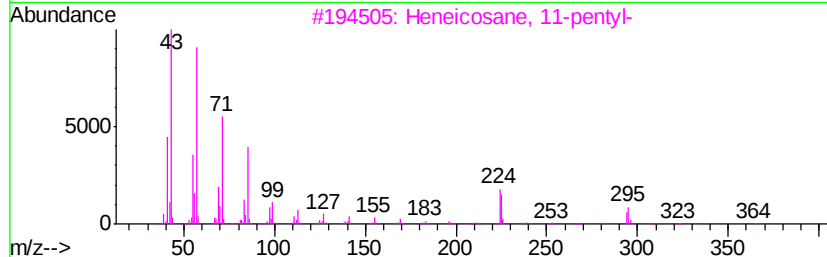
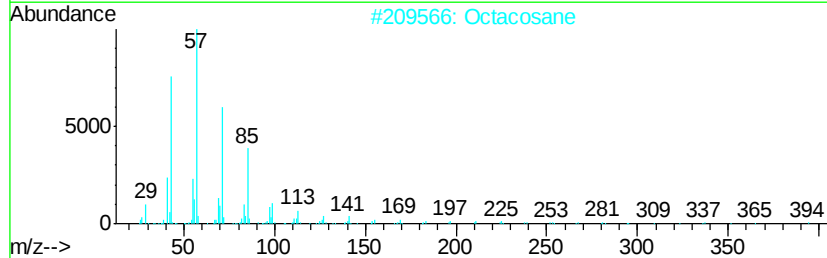
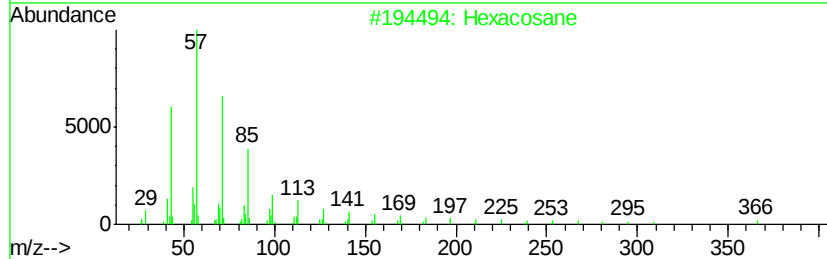
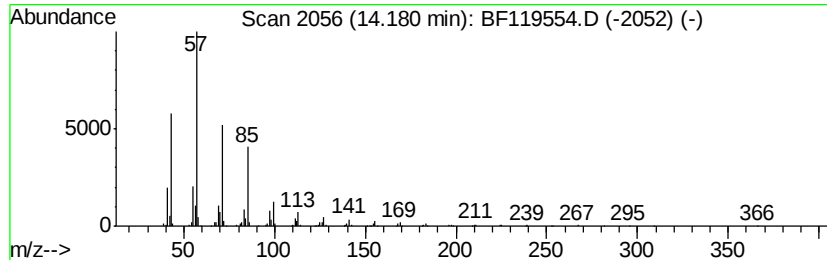
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	5.86 ng	663847	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	96
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane, 11-pentyl-		366	C26H54	014739-72-1	91
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119554.D
 Acq On : 27 Mar 2020 8:15
 Operator : CG/JU
 Sample : L2037-01
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Instrument :
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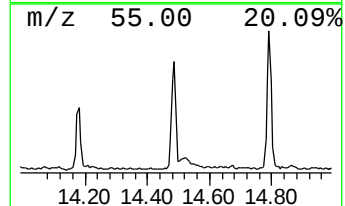
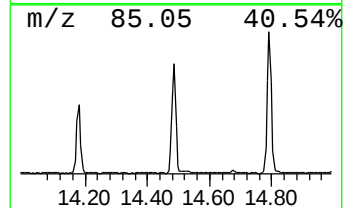
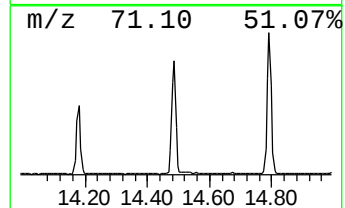
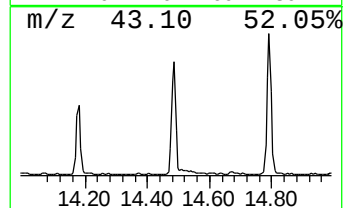
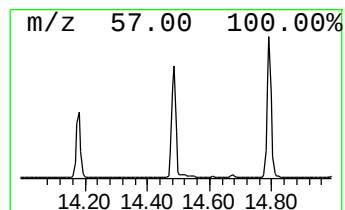
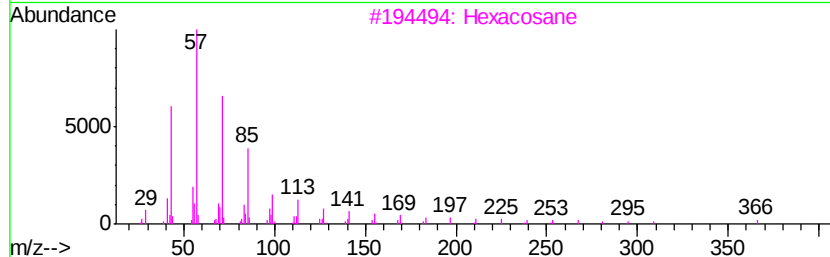
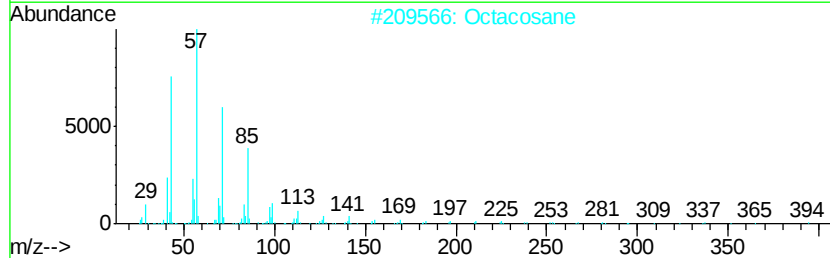
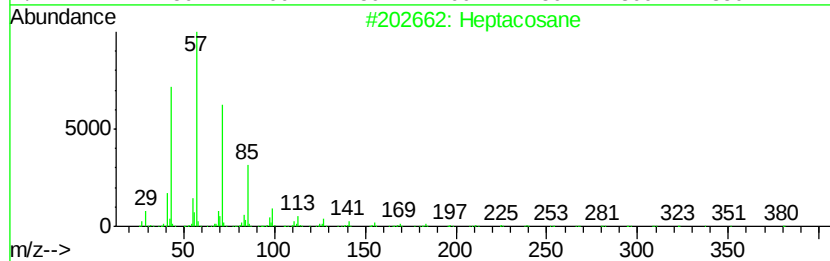
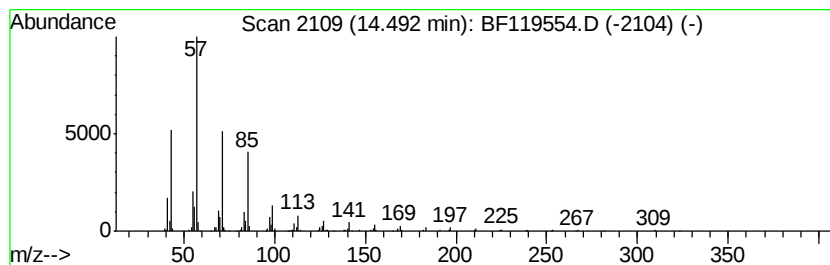
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	10.09 ng	1142170	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119554.D
Acq On : 27 Mar 2020 8:15
Operator : CG/JU
Sample : L2037-01
Misc :
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Instrument :
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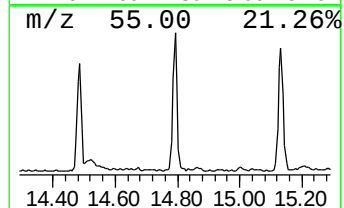
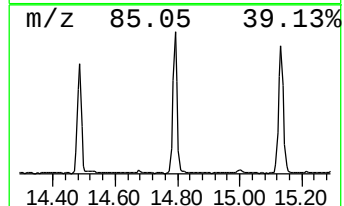
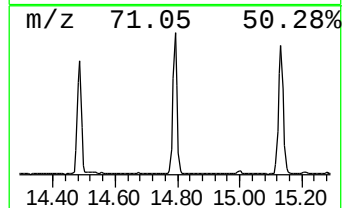
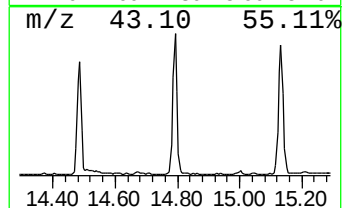
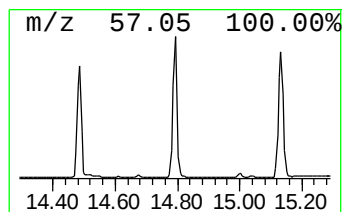
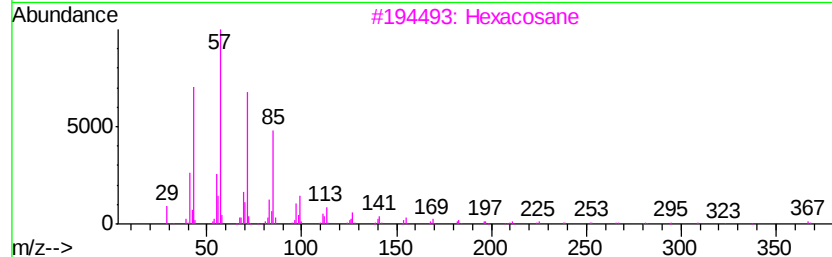
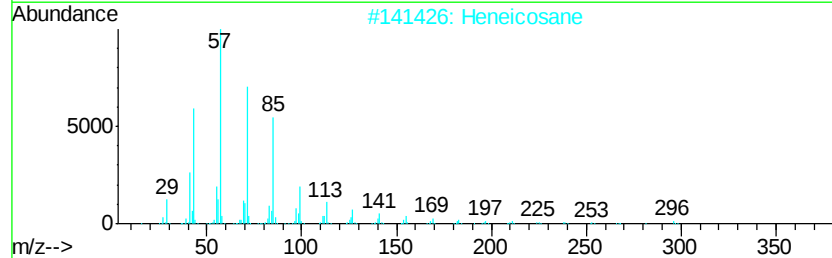
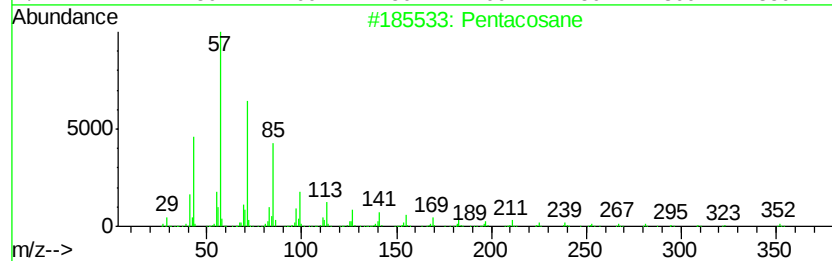
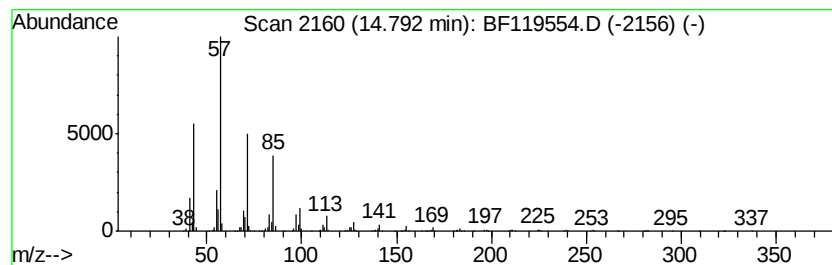
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	15.50 ng	1493080	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119554.D
Acq On : 27 Mar 2020 8:15
Operator : CG/JU
Sample : L2037-01
Misc :
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Instrument :
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ClientSampleId :
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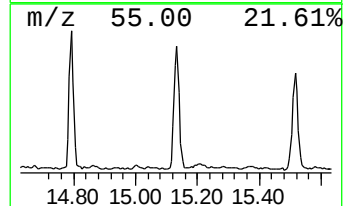
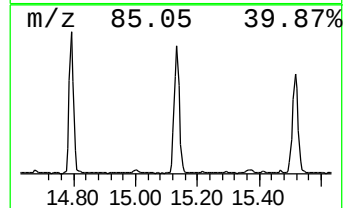
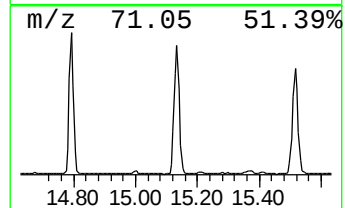
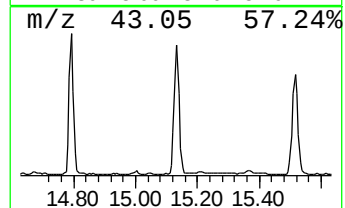
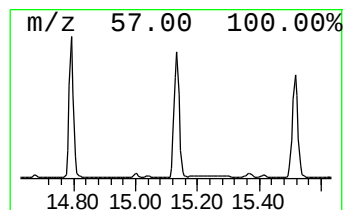
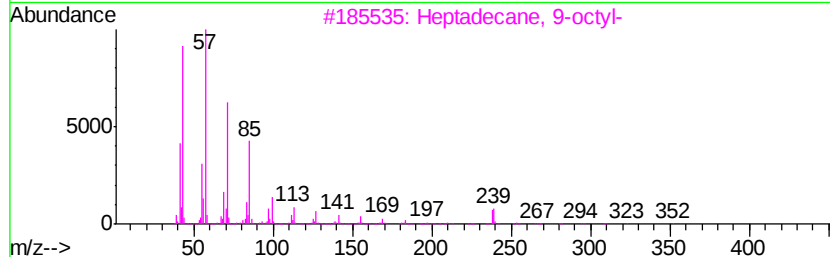
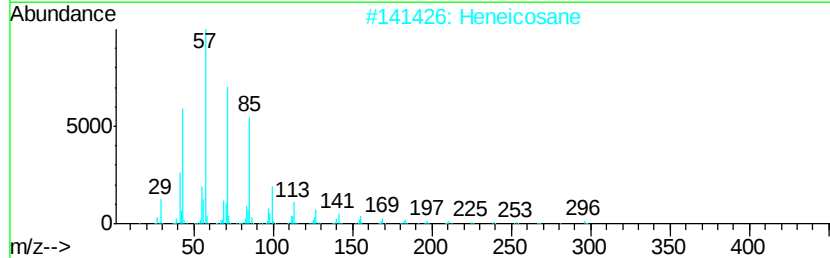
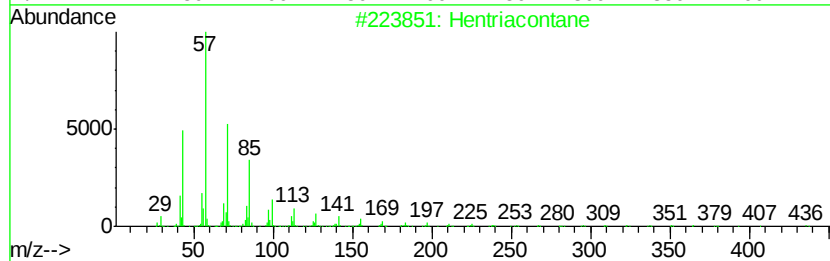
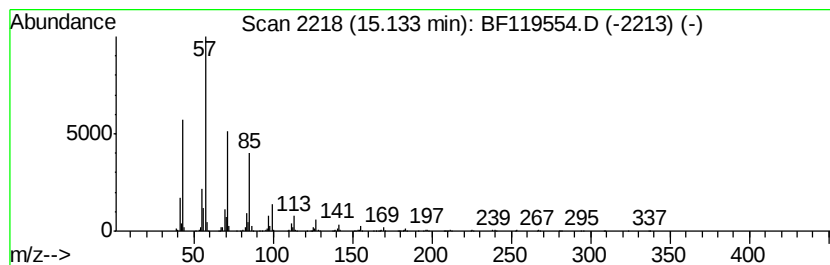
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	16.60 ng	1599700	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119554.D
Acq On : 27 Mar 2020 8:15
Operator : CG/JU
Sample : L2037-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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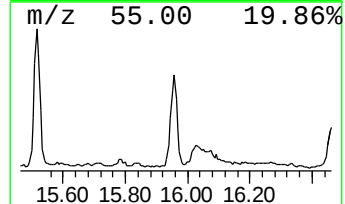
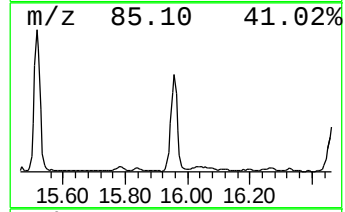
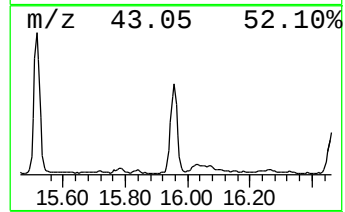
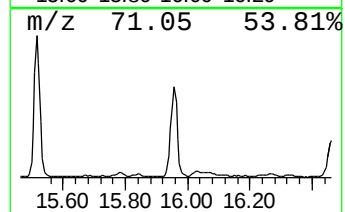
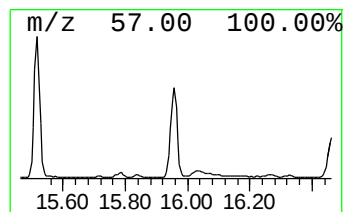
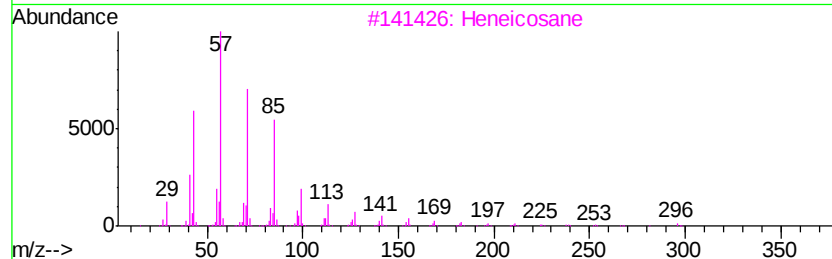
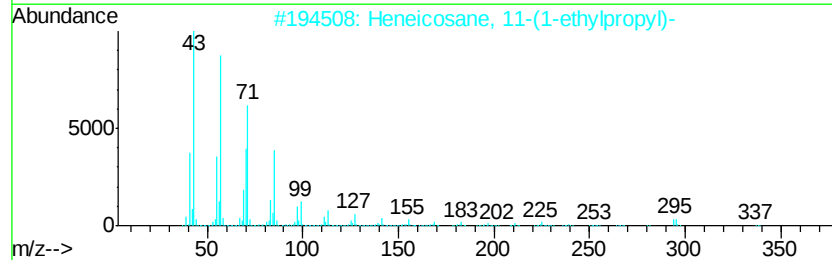
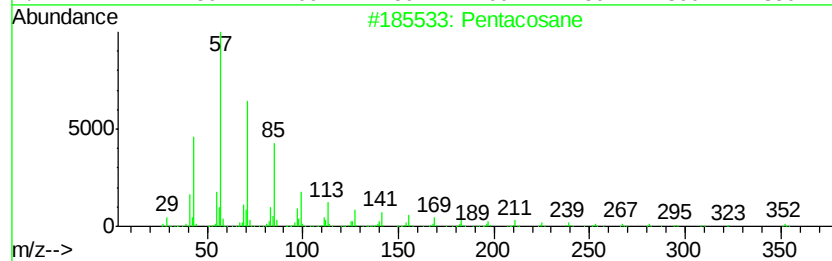
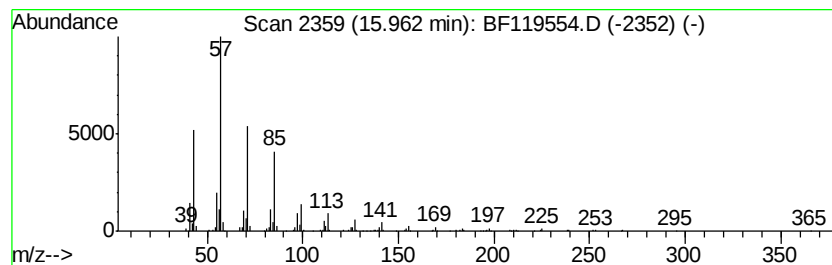
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane, 11-(1-ethylpro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	11.42 ng	1100210	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
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Acq On : 27 Mar 2020 8:15
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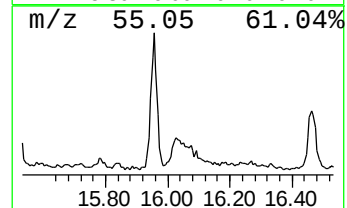
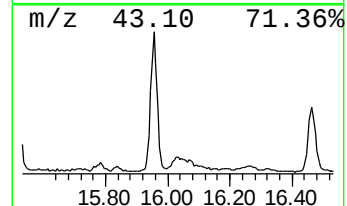
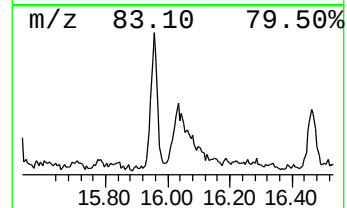
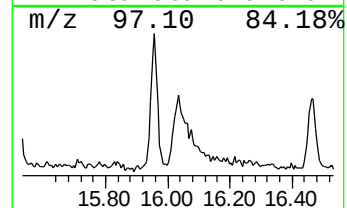
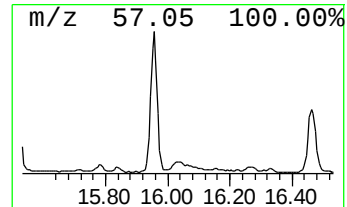
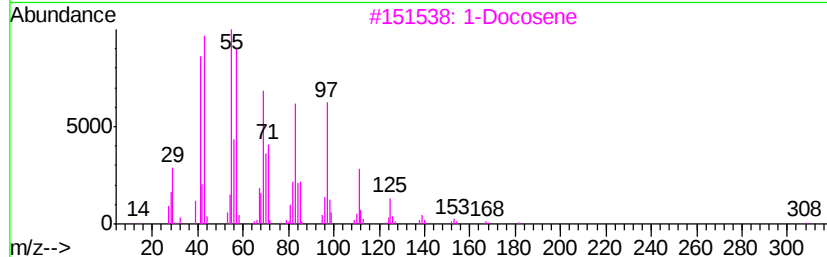
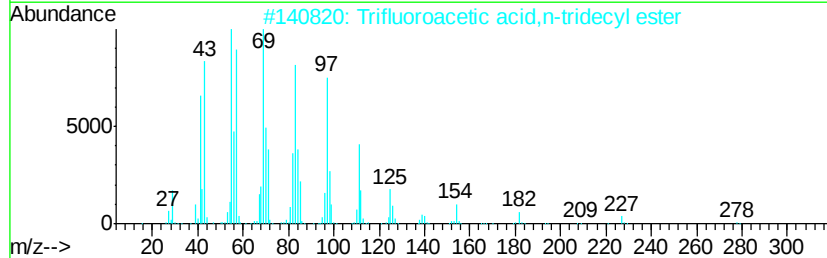
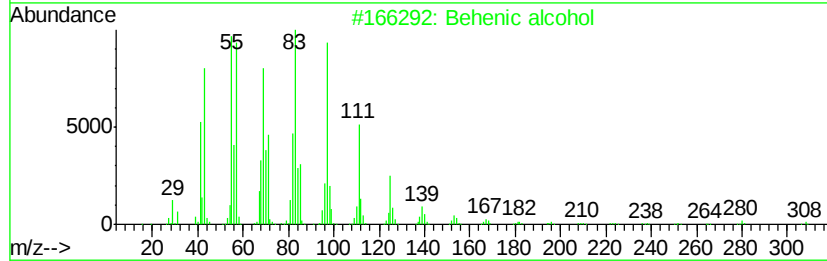
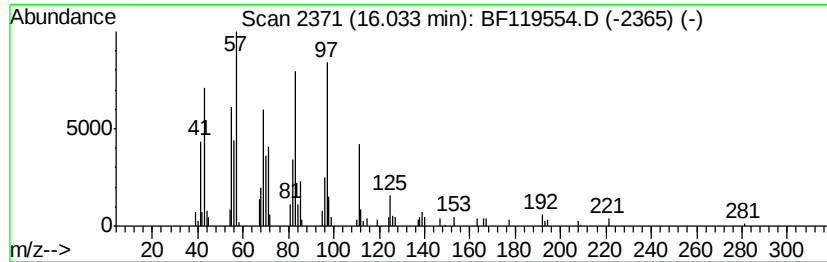
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Behenic alcohol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.03	4.11 ng	396211	Perylene-d12	15.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	90
2	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	86
3	1-Docosene	308	C22H44	001599-67-3	86
4	1-Heneicosanol	312	C21H44O	015594-90-8	86
5	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119554.D
Acq On : 27 Mar 2020 8:15
Operator : CG/JU
Sample : L2037-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

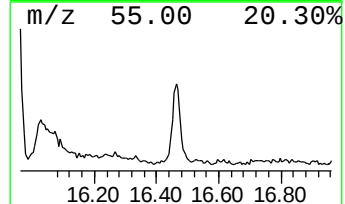
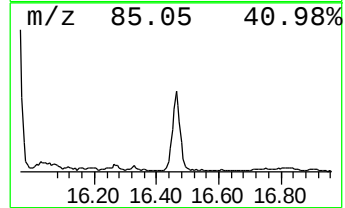
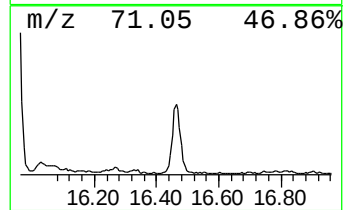
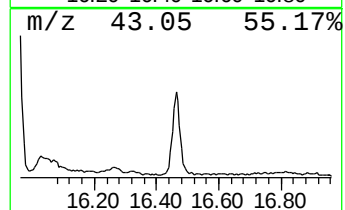
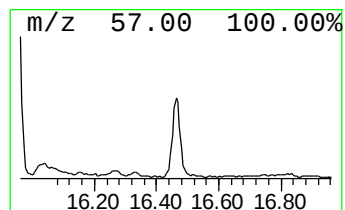
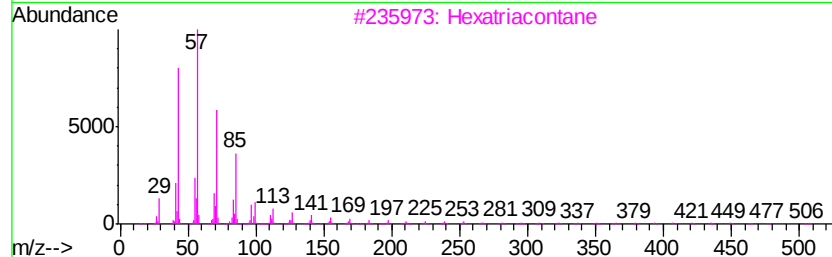
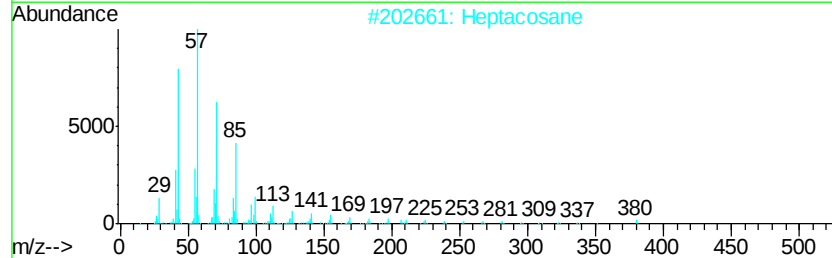
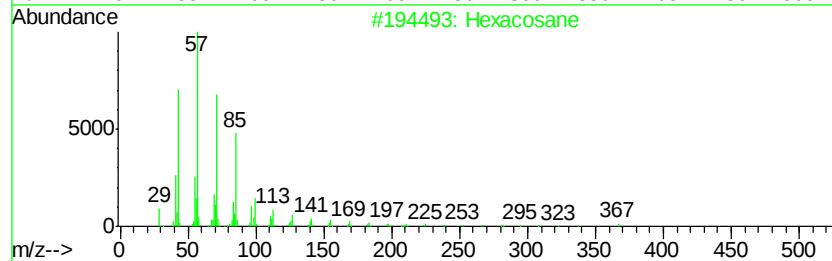
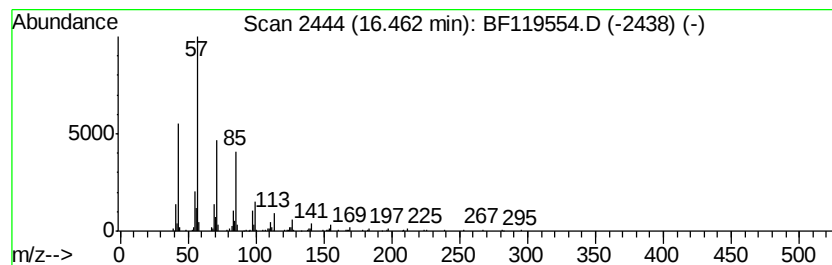
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	6.06 ng	583460	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexatriacontane	507	C36H74	000630-06-8	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119554.D
 Acq On : 27 Mar 2020 8:15
 Operator : CG/JU
 Sample : L2037-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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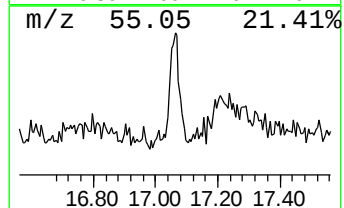
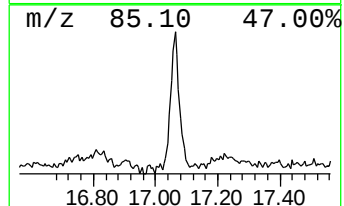
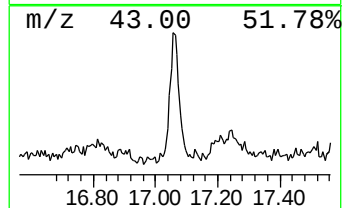
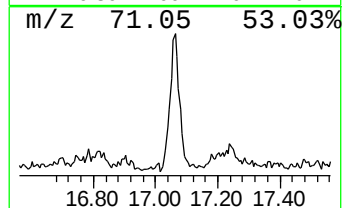
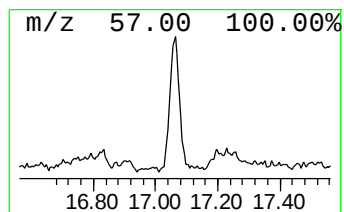
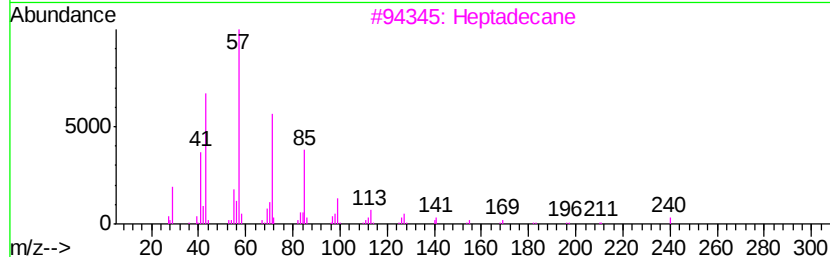
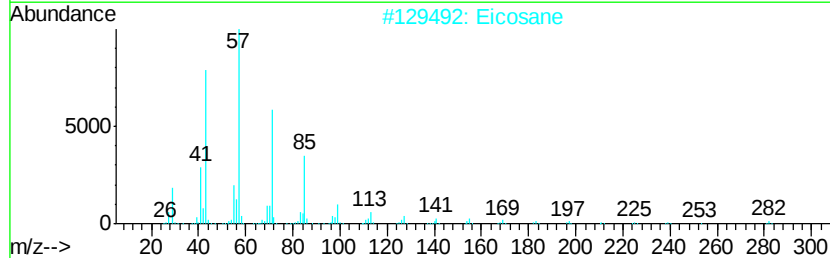
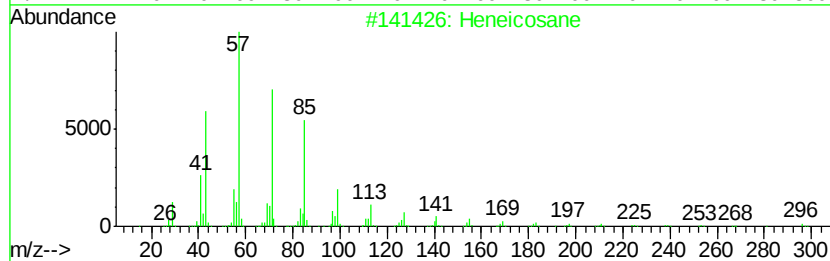
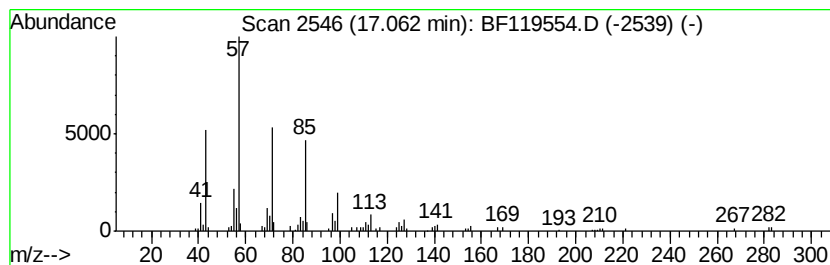
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	2.08 ng	200188	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Eicosane		282	C20H42	000112-95-8	90
3	Heptadecane		240	C17H36	000629-78-7	80
4	Octacosane		394	C28H58	000630-02-4	74
5	Octadecane		254	C18H38	000593-45-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
Data File : BF119554.D
Acq On : 27 Mar 2020 8:15
Operator : CG/JU
Sample : L2037-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

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...	2.14	6.4	ng	497499	1	6.83	1555860	20.0
Propane, 1,1-dime...	2.25	2.1	ng	160502	1	6.83	1555860	20.0
2-Pentanone, 4-hy...	5.06	11.2	ng	873355	1	6.83	1555860	20.0
n-Hexadecanoic acid	11.90	17.0	ng	2217940	4	11.36	2606010	20.0
Octadecanoic acid	12.69	10.9	ng	1234960	5	14.00	2264520	20.0
Pentafluoropropio...	13.86	19.3	ng	2179930	5	14.00	2264520	20.0
Hexacosane	14.18	5.9	ng	663847	5	14.00	2264520	20.0
Heptacosane	14.49	10.1	ng	1142170	5	14.00	2264520	20.0
Pentacosane	14.79	15.5	ng	1493080	6	15.47	1927170	20.0
Hentriacontane	15.13	16.6	ng	1599700	6	15.47	1927170	20.0
Heneicosane, 11-(...	15.96	11.4	ng	1100210	6	15.47	1927170	20.0
Behenic alcohol	16.03	4.1	ng	396211	6	15.47	1927170	20.0
2-methyloctacosane	16.46	6.1	ng	583460	6	15.47	1927170	20.0
Heneicosane	17.06	2.1	ng	200188	6	15.47	1927170	20.0