

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114025.D
 Acq On : 29 Apr 2019 16:25
 Operator : JU/SJ
 Sample : K2576-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

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-BF042219.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	2.187	13	17	32	rVB	261246	421937	5.72%	0.737%
2	5.516	578	583	600	rBV	1568011	1543851	20.92%	2.695%
3	6.516	749	753	766	rVB	1142421	1066141	14.45%	1.861%
4	6.663	773	778	788	rBV	2864566	2761458	37.42%	4.820%
5	6.892	813	817	820	rBV	939825	736116	9.97%	1.285%
6	7.051	840	844	847	rBV	2976388	2475476	33.54%	4.321%
7	7.451	906	912	915	rBV	2045545	2057627	27.88%	3.592%
8	8.175	1031	1035	1038	rBV	1029420	946765	12.83%	1.653%
9	9.245	1212	1217	1220	rBV	4386673	4106644	55.65%	7.169%
10	9.586	1272	1275	1281	rBV4	75983	90232	1.22%	0.158%
11	9.922	1328	1332	1336	rBV	1269606	1209699	16.39%	2.112%
12	10.133	1364	1368	1371	rBV3	78366	76614	1.04%	0.134%
13	10.398	1411	1413	1418	rVB3	72511	95382	1.29%	0.166%
14	10.533	1433	1436	1442	rBV3	95712	136177	1.85%	0.238%
15	10.651	1452	1456	1460	rBV	241237	315722	4.28%	0.551%
16	10.716	1462	1467	1475	rVB	2729667	2822514	38.25%	4.927%
17	11.410	1581	1585	1588	rBV	1417277	1271229	17.23%	2.219%
18	11.951	1669	1677	1691	rVB	2241061	3521295	47.71%	6.147%
19	12.145	1699	1710	1712	rBV	505679	1580453	21.42%	2.759%
20	12.627	1789	1792	1794	rBV	257531	302669	4.10%	0.528%
21	12.745	1803	1812	1822	rVB	4109264	7379910	100.00%	12.882%
22	12.998	1850	1855	1858	rBV	4893734	4896455	66.35%	8.547%
23	13.410	1913	1925	1937	rVB	1688671	4604800	62.40%	8.038%
24	13.892	2004	2007	2010	rBV	88788	122923	1.67%	0.215%
25	14.045	2029	2033	2039	rVB	1210585	1109799	15.04%	1.937%
26	14.168	2045	2054	2060	rBV	1784355	3966905	53.75%	6.925%
27	14.210	2060	2061	2065	rVB	134738	82636	1.12%	0.144%
28	14.521	2110	2114	2116	rBV	199930	203016	2.75%	0.354%
29	14.557	2116	2120	2121	rBV	64875	74301	1.01%	0.130%
30	14.780	2151	2158	2163	rBV	1627796	2537420	34.38%	4.429%
31	14.833	2163	2167	2175	rVB	318051	369677	5.01%	0.645%
32	14.910	2176	2180	2183	rVB	191699	186415	2.53%	0.325%
33	15.174	2220	2225	2232	rVB	364484	469478	6.36%	0.820%
34	15.433	2260	2269	2276	rBV	489978	1256475	17.03%	2.193%

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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

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35	15.527	2280	2285	2288	rVV	782164	1028177	13.93%	1.795%
36	15.557	2288	2290	2296	rVB	309470	388531	5.26%	0.678%
37	16.004	2361	2366	2375	rVB	248961	409570	5.55%	0.715%
38	16.180	2389	2396	2405	rVB	145344	349522	4.74%	0.610%
39	16.515	2448	2453	2459	rVB2	123272	222152	3.01%	0.388%
40	17.068	2540	2547	2550	rBV3	36384	91000	1.23%	0.159%

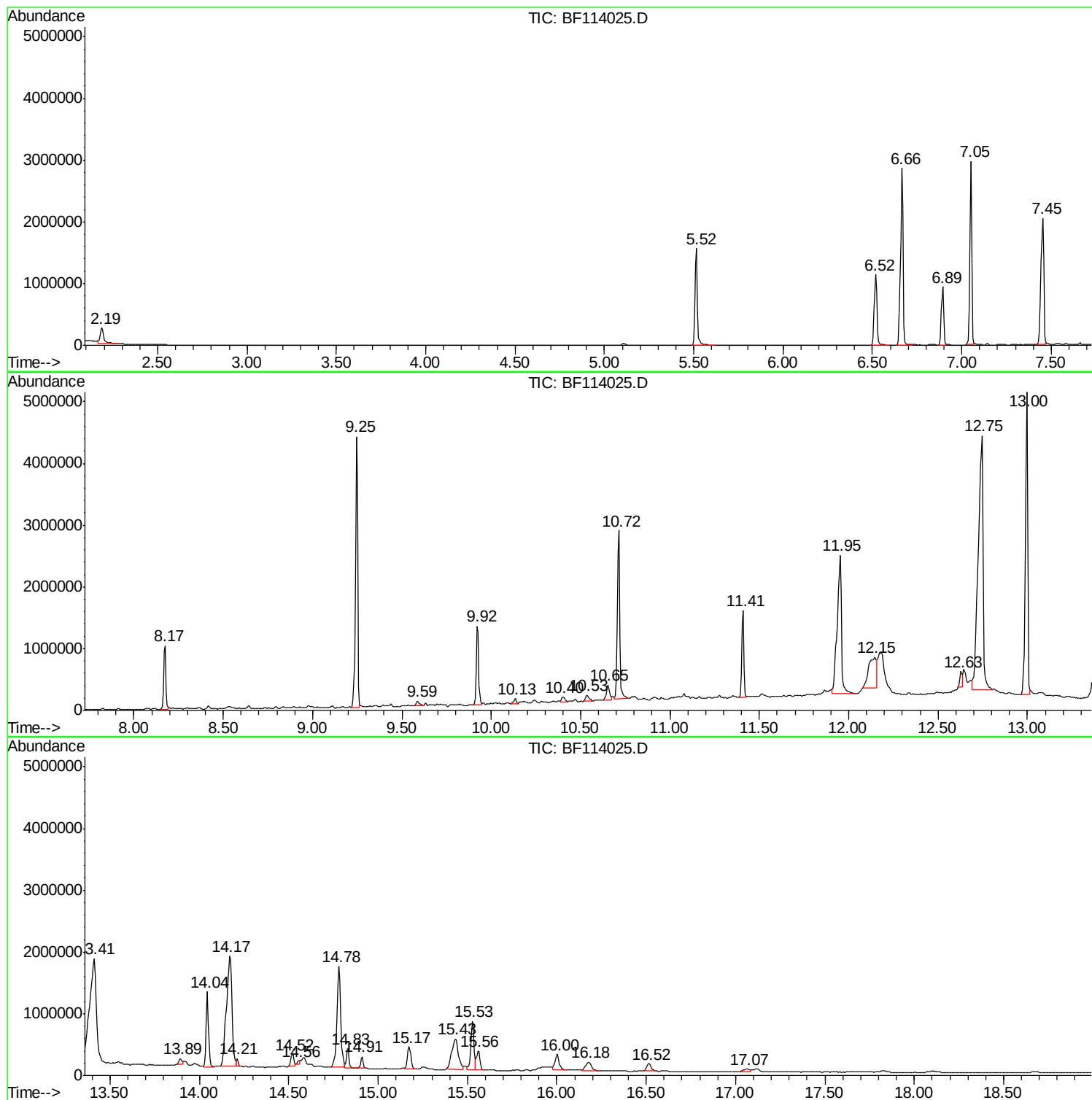
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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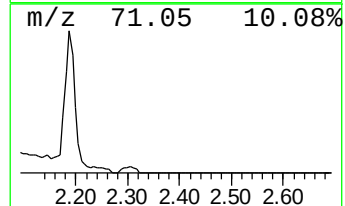
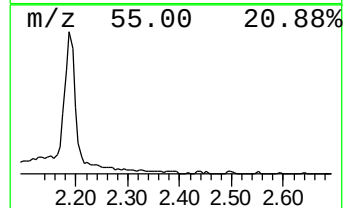
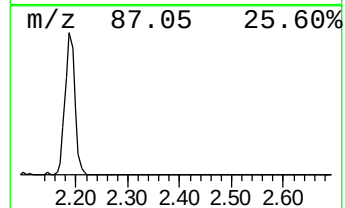
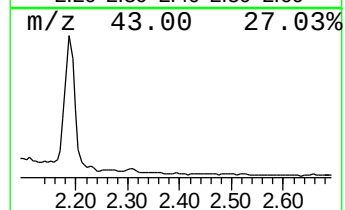
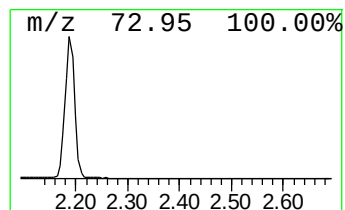
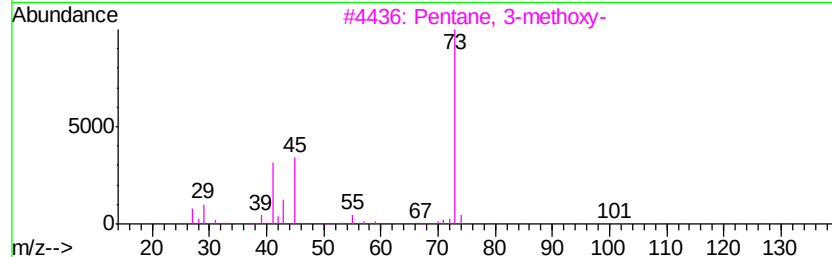
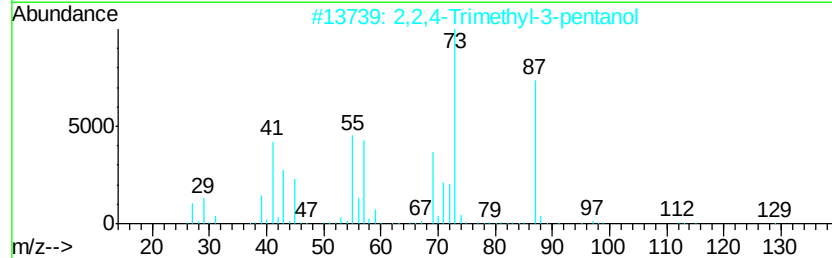
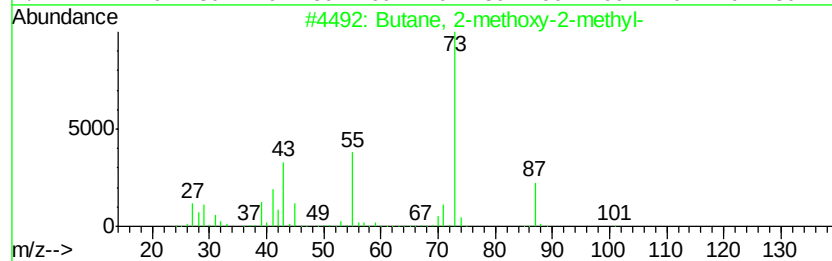
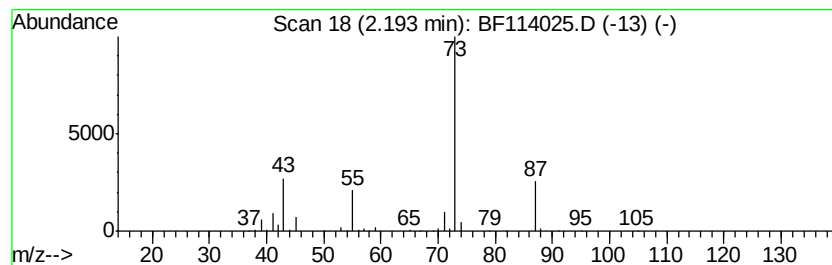
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	11.46 ng	421937	1,4-Dichlorobenzene-d4	6.89

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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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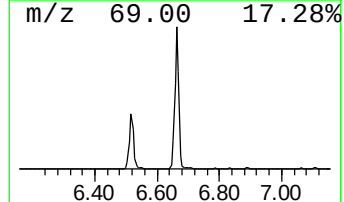
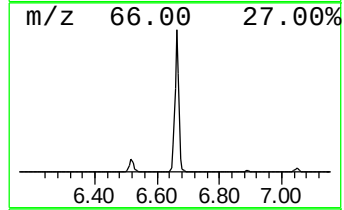
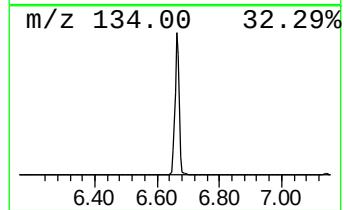
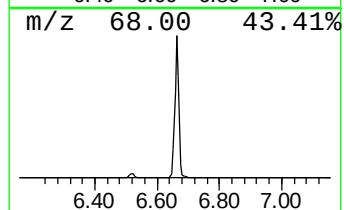
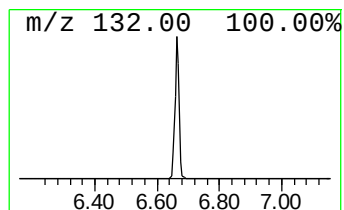
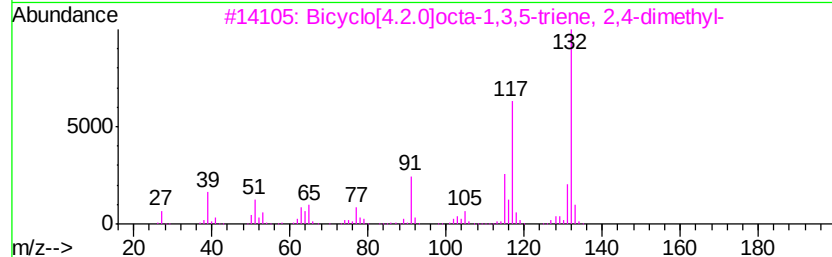
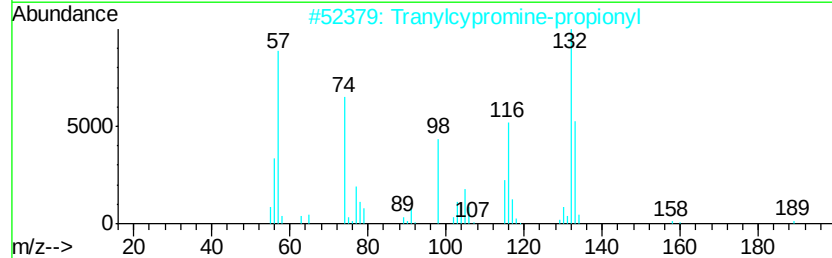
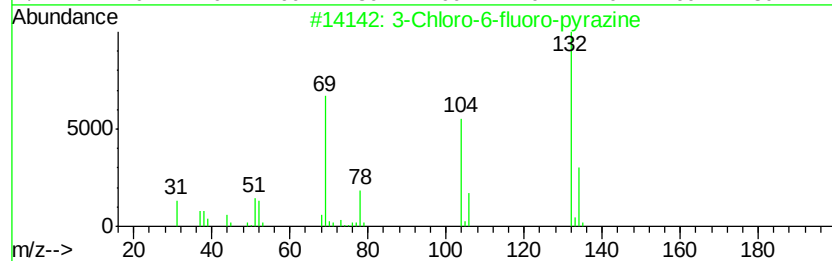
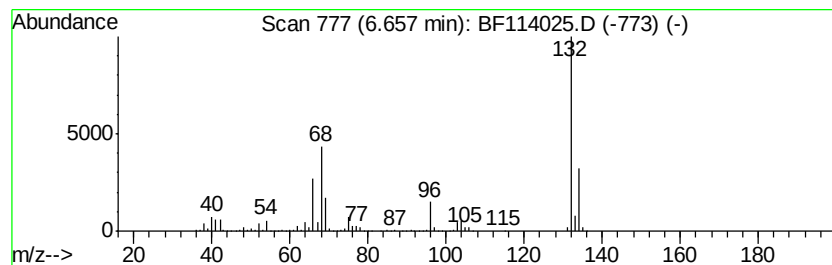
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Peak Number 2 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	75.03 ng	2761460	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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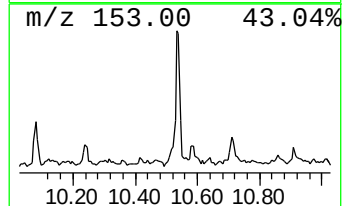
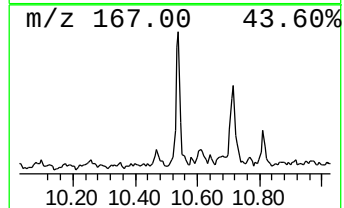
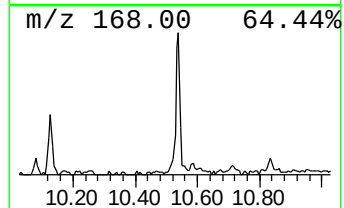
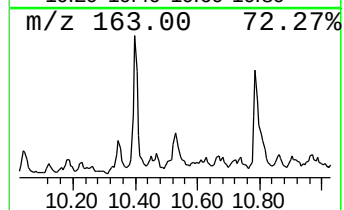
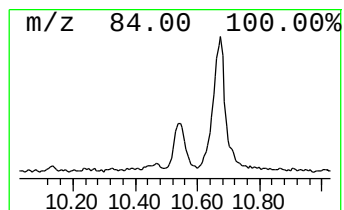
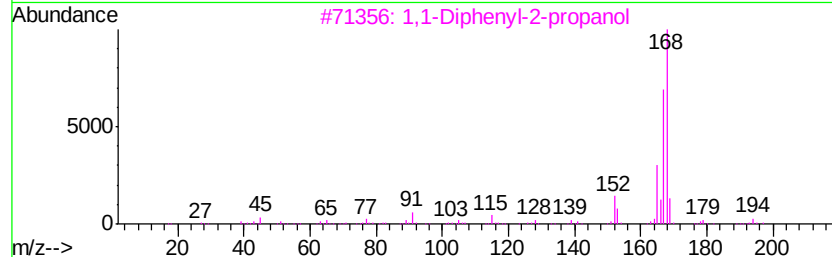
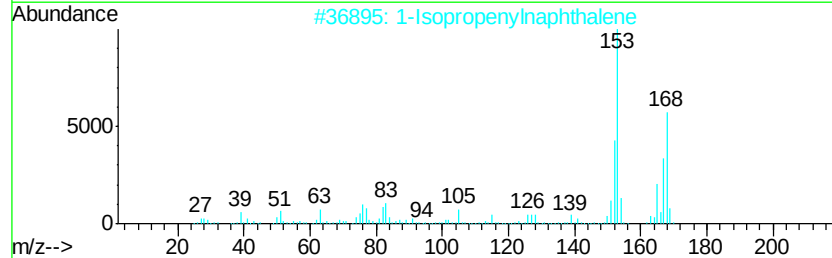
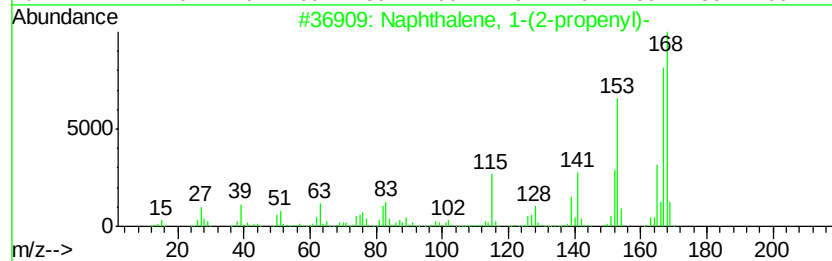
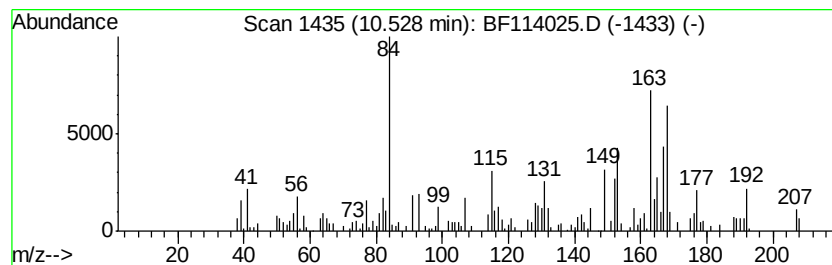
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-(2-propenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.53	2.25 ng	136177	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
3	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	58
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55



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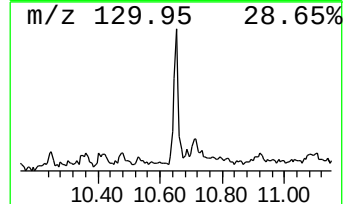
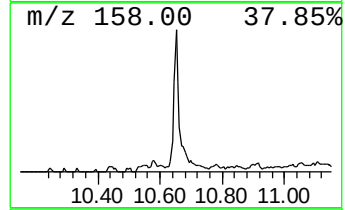
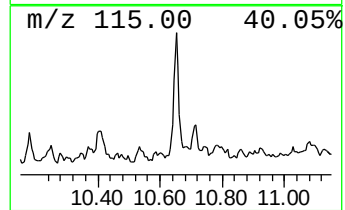
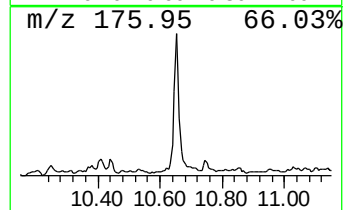
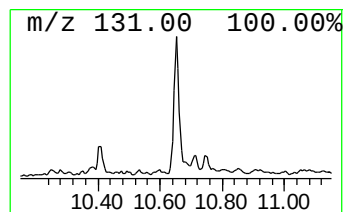
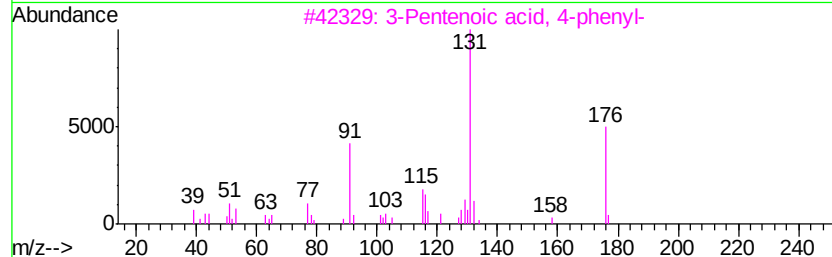
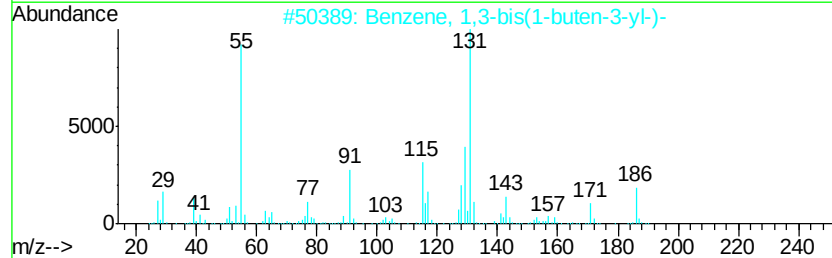
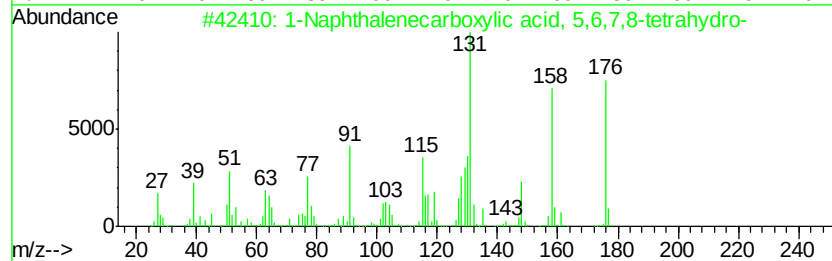
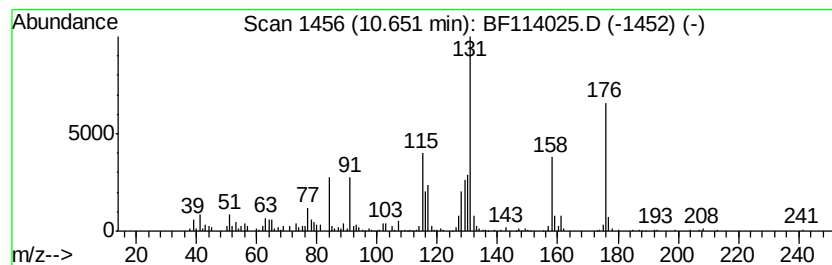
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Naphthalenecarboxylic aci... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	5.22 ng	315722	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Naphthalenecarboxylic acid, 5,...	176 C11H12O2	004242-18-6 64
2		Benzene, 1,3-bis(1-buten-3-yl)-	186 C14H18	158117-62-5 37
3		3-Pentenoic acid, 4-phenyl-	176 C11H12O2	053774-19-9 37
4		Benzene, (3-chloro-1-methyl-1-pr...	166 C10H11Cl	1000327-43-7 32
5		4,5-Diphenylocta-1,7-diene(meso)	262 C20H22	1000215-92-7 27



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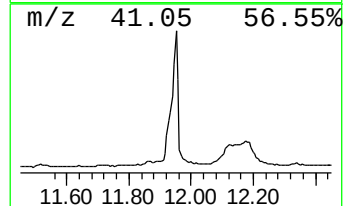
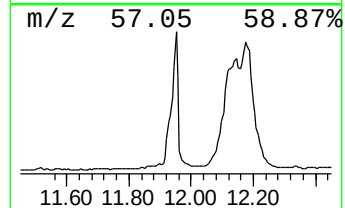
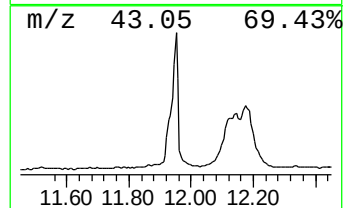
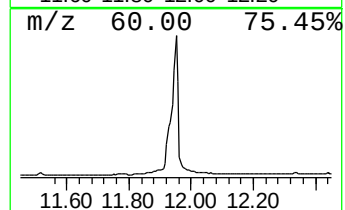
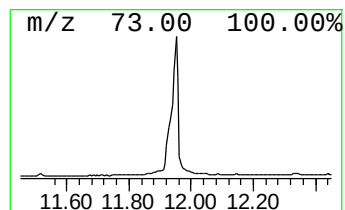
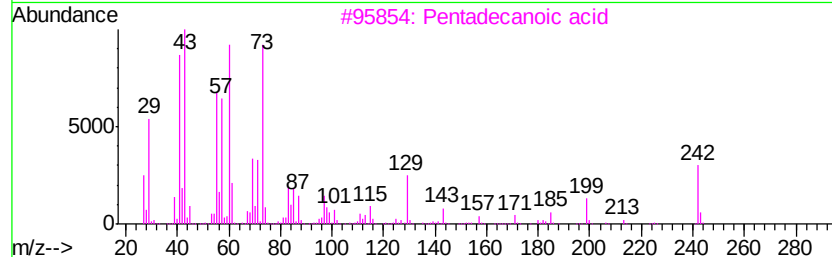
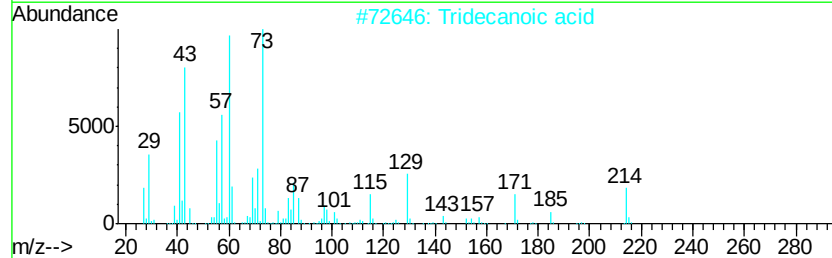
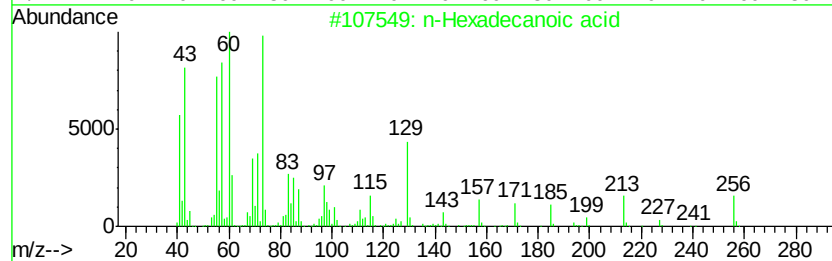
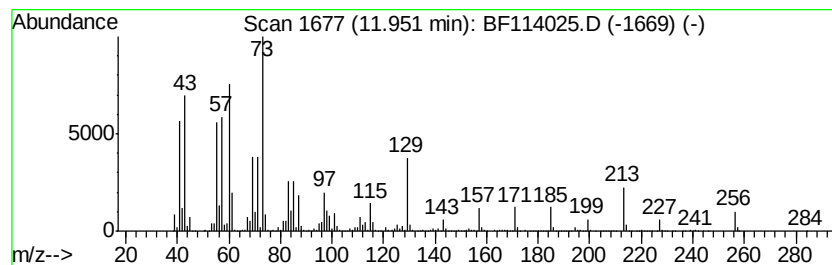
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	55.40 ng	3521300	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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Operator : JU/SJ
Sample : K2576-02
Misc :
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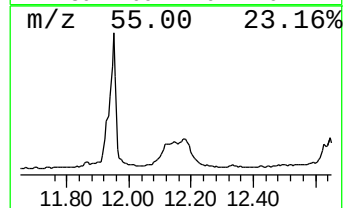
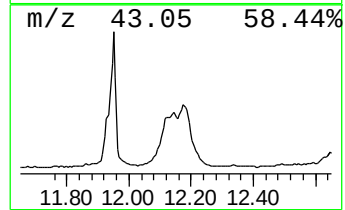
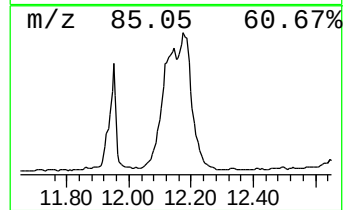
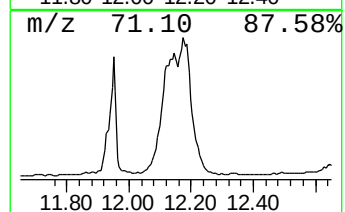
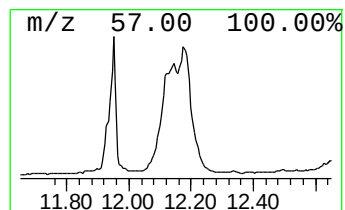
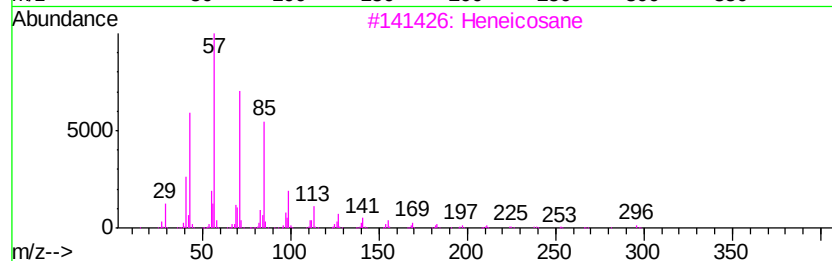
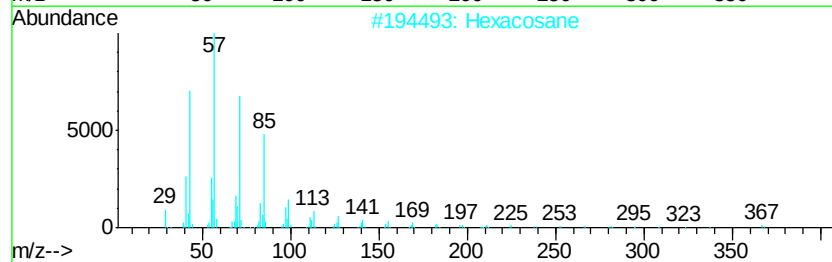
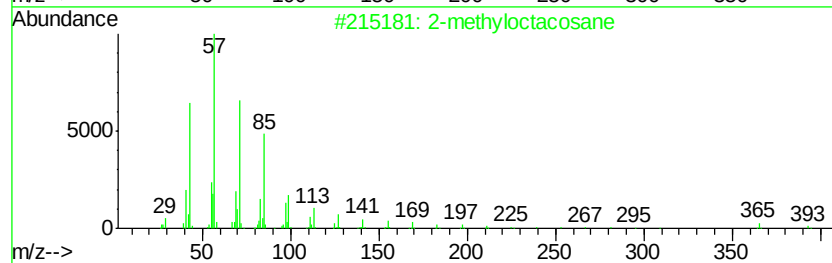
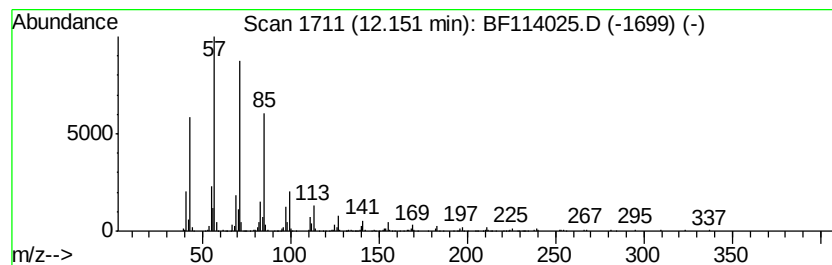
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.15	24.87 ng	1580450	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
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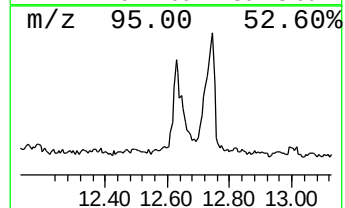
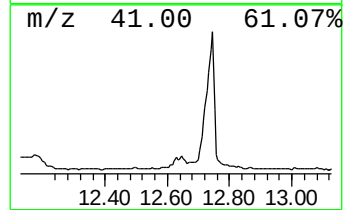
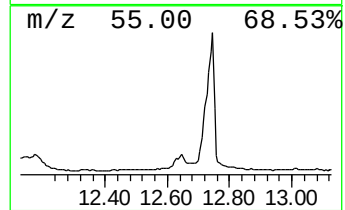
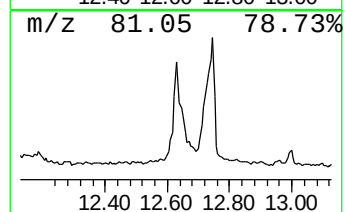
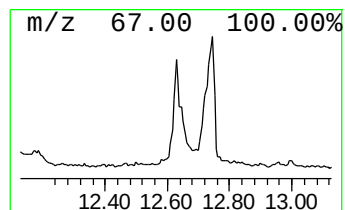
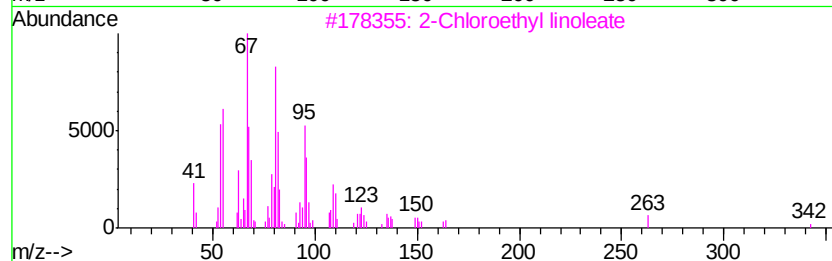
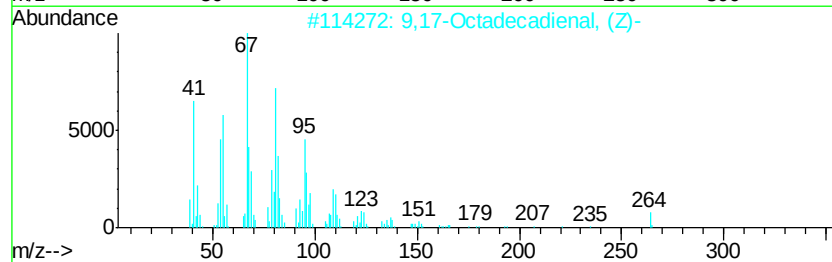
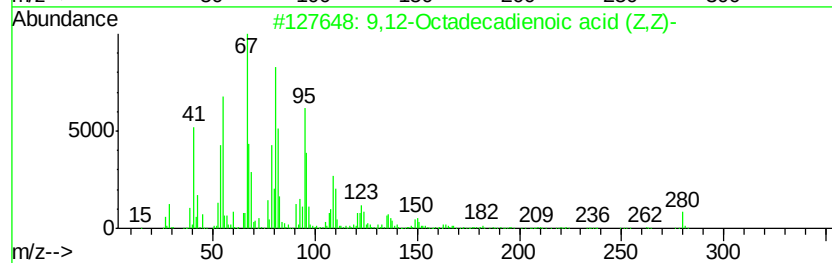
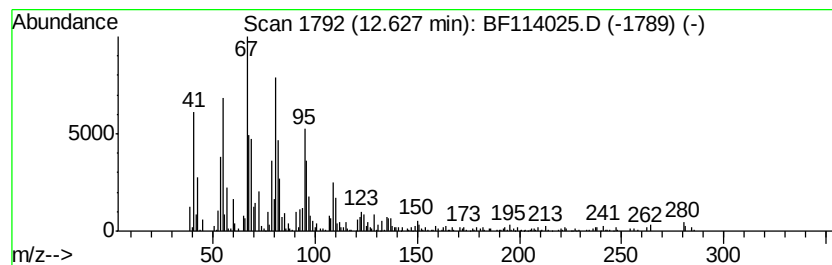
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.76 ng	302669	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	93
3		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	86
4		Z,Z-10,12-Hexadecadienal	236	C16H28O	1000130-86-6	78
5		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
Acq On : 29 Apr 2019 16:25
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Sample : K2576-02
Misc :
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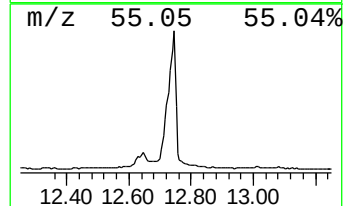
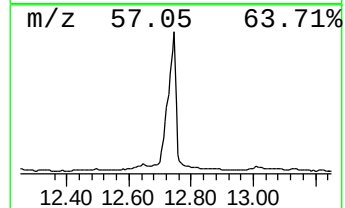
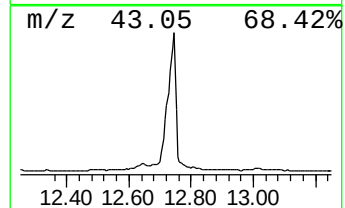
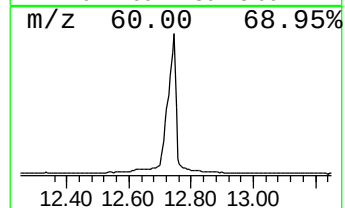
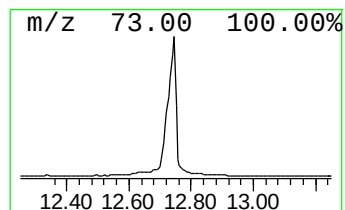
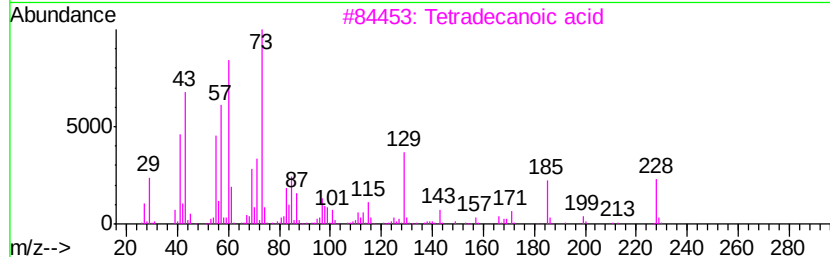
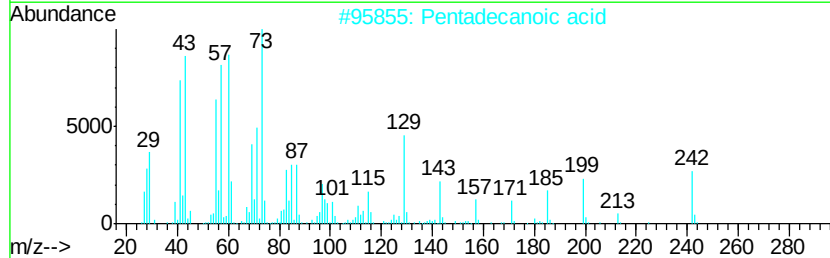
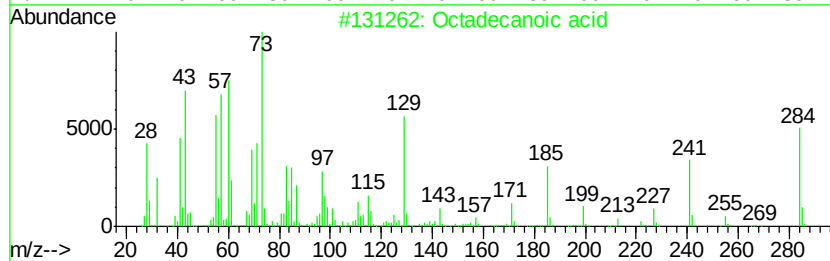
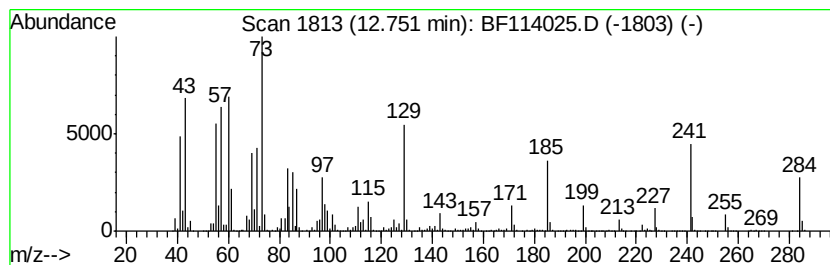
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	133.00 ng	7379910	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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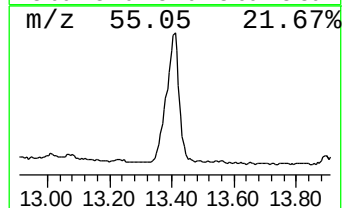
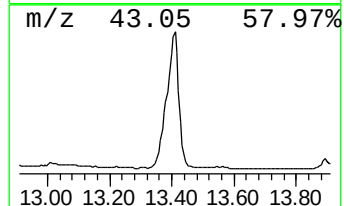
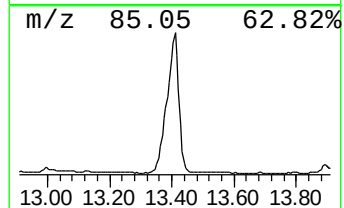
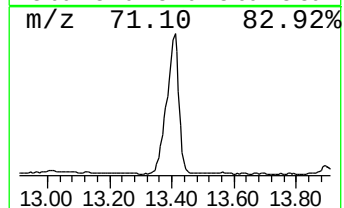
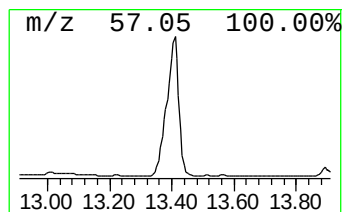
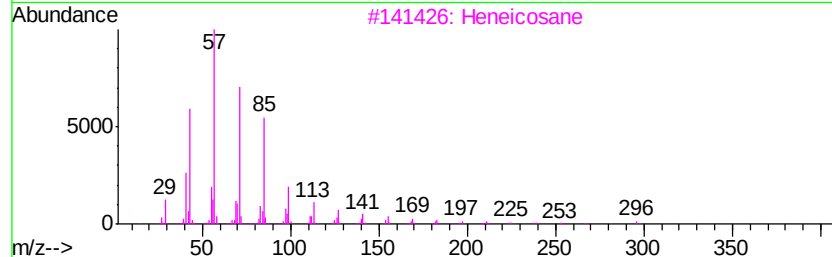
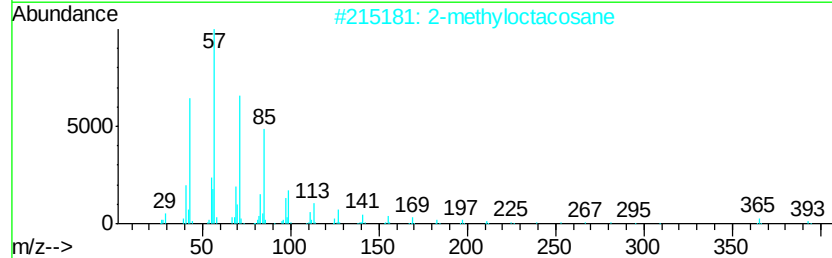
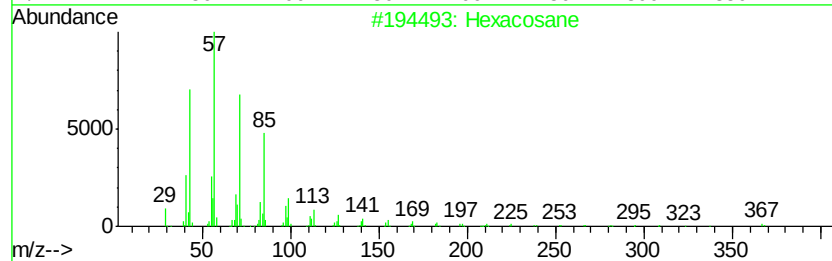
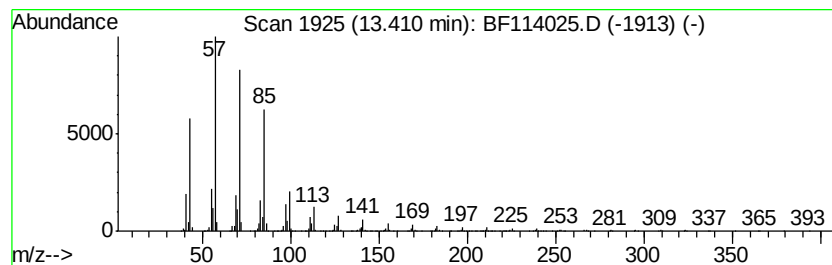
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	82.98 ng	4604800	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
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ClientSampleId :
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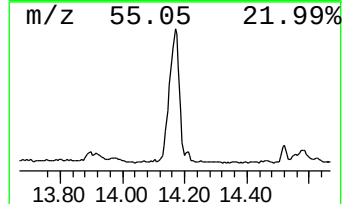
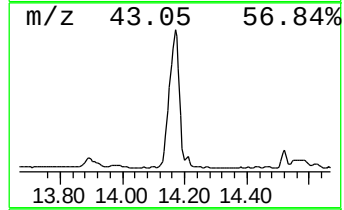
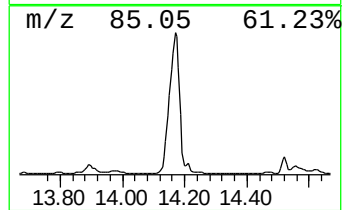
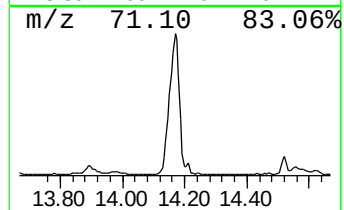
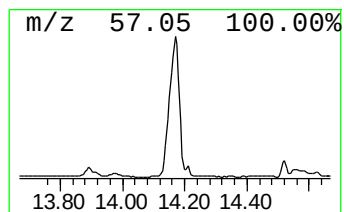
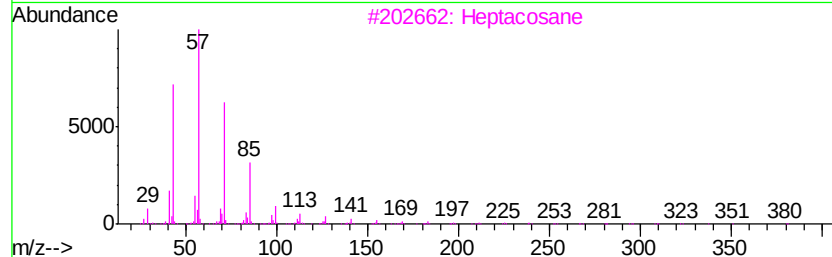
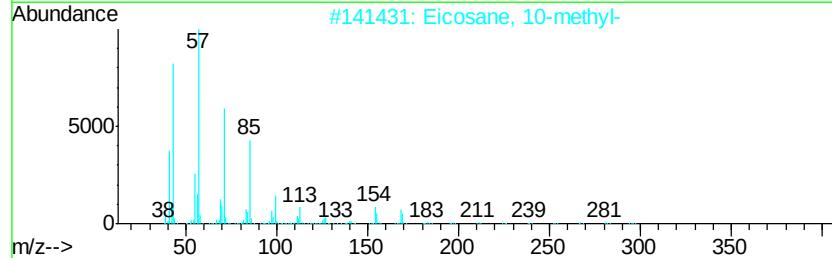
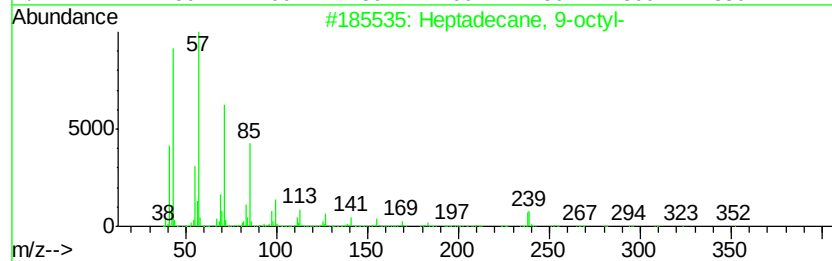
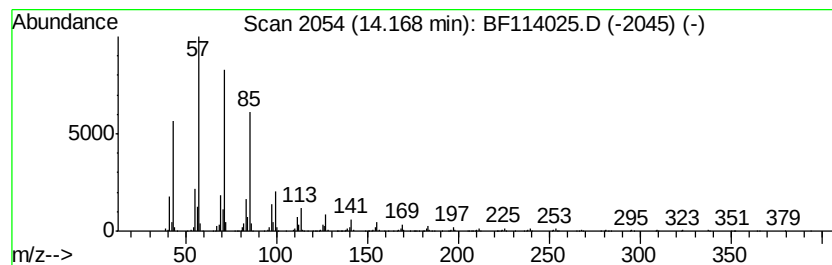
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	71.49 ng	3966910	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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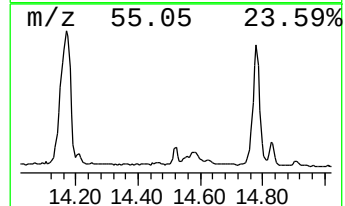
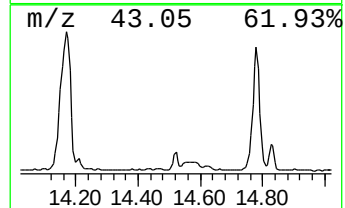
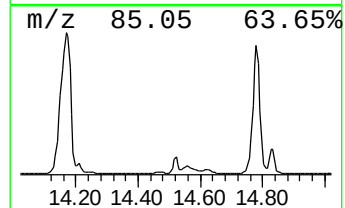
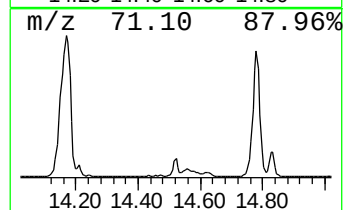
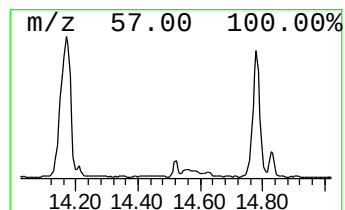
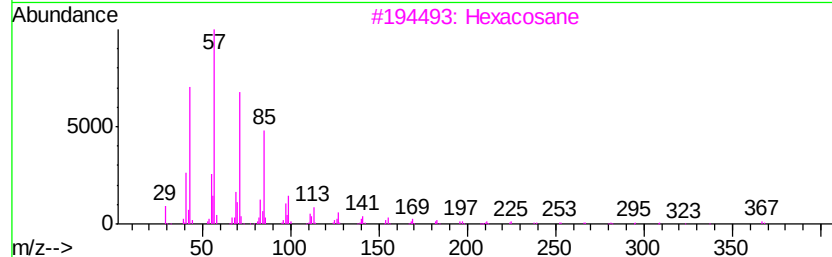
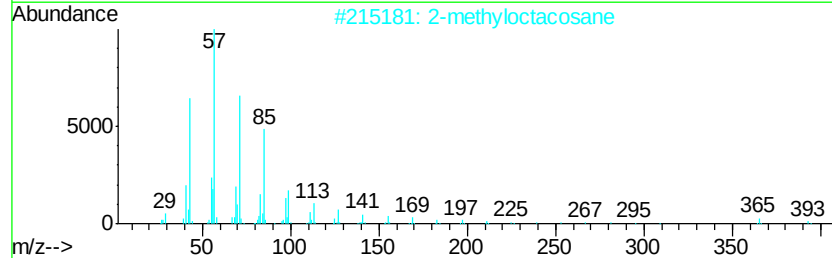
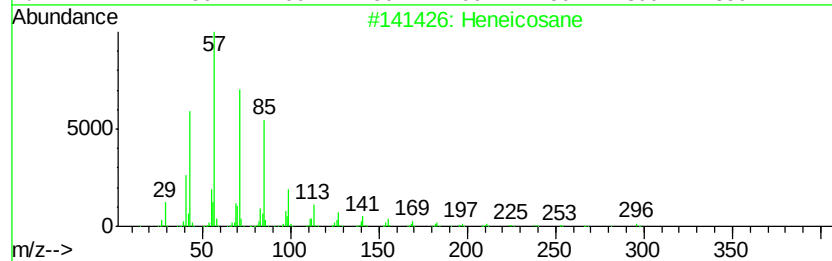
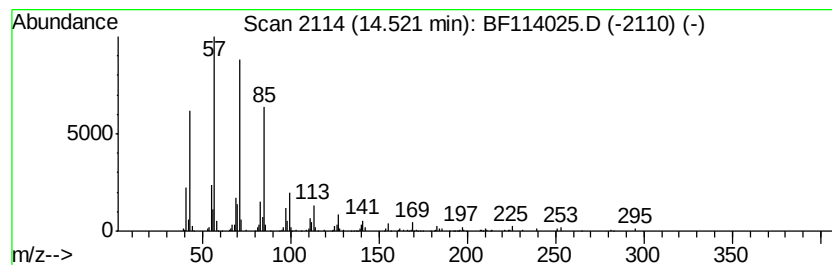
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane, 11-(1-ethylpro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.66 ng	203016	Chrysene-d12	14.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
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Misc :
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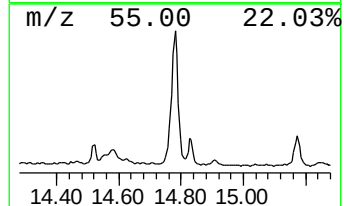
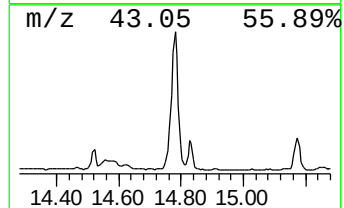
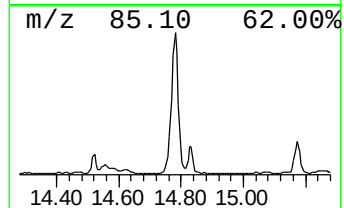
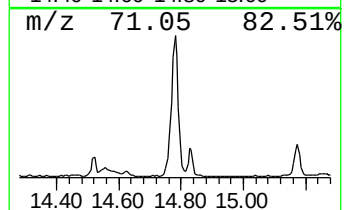
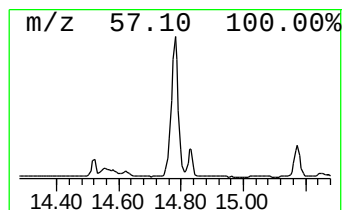
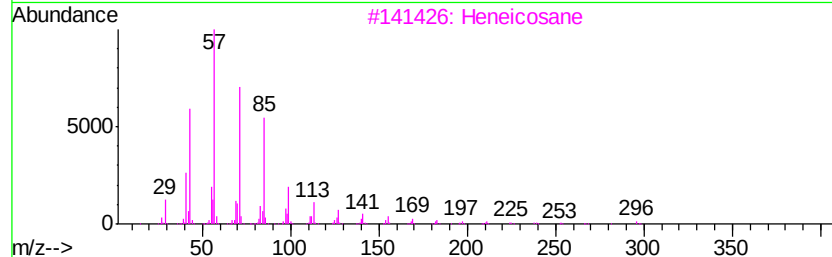
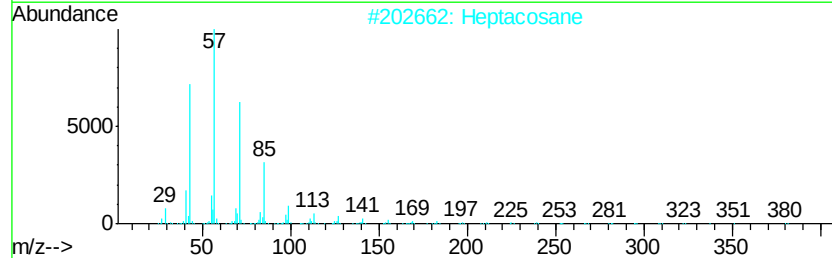
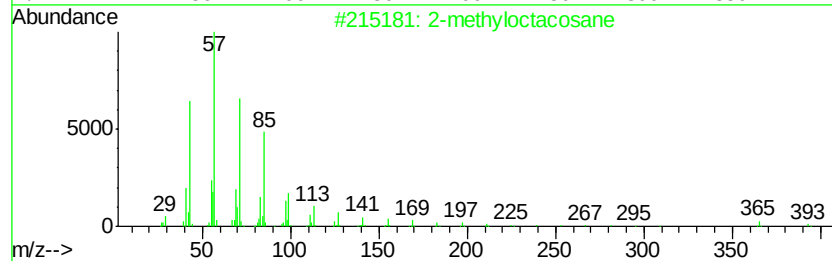
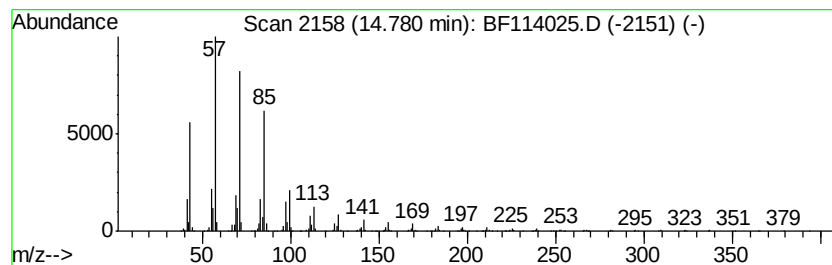
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	45.73 ng	2537420	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
Acq On : 29 Apr 2019 16:25
Operator : JU/SJ
Sample : K2576-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

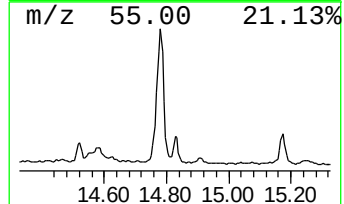
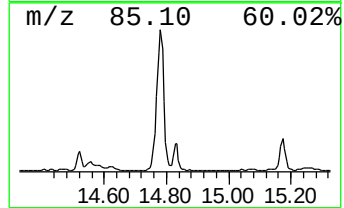
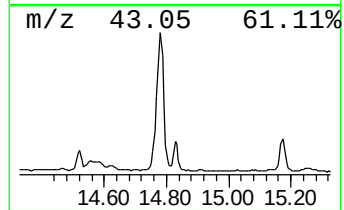
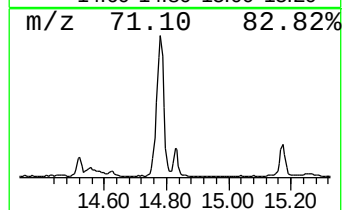
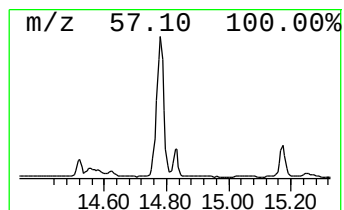
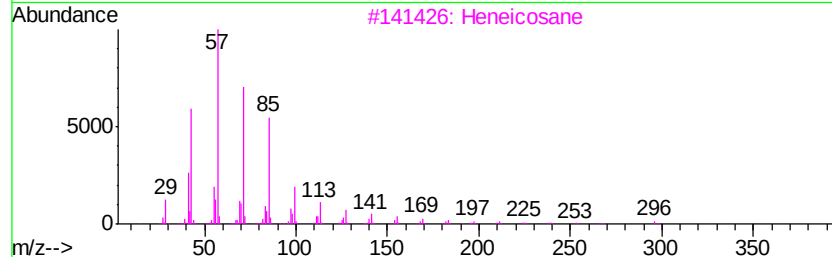
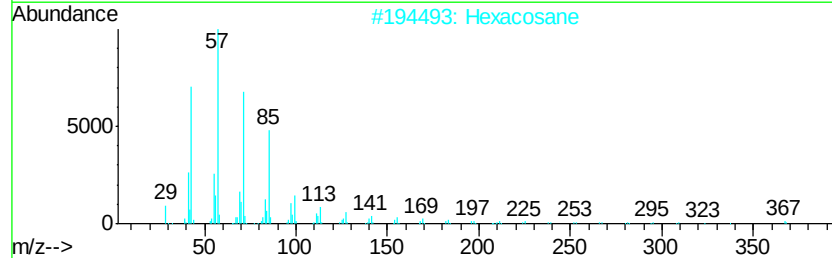
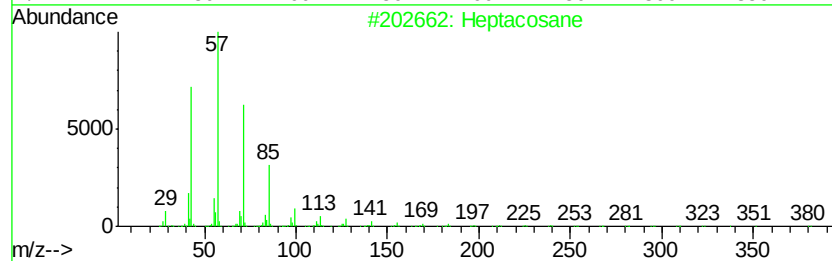
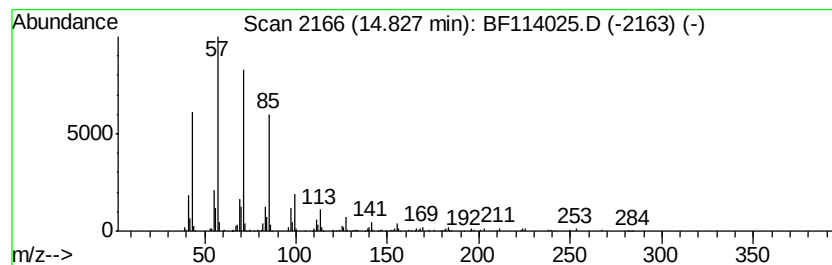
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	7.19 ng	369677	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
Acq On : 29 Apr 2019 16:25
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Sample : K2576-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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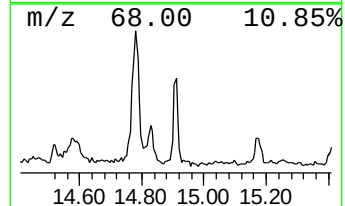
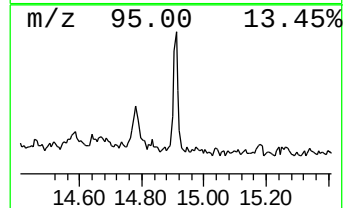
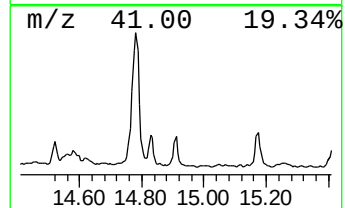
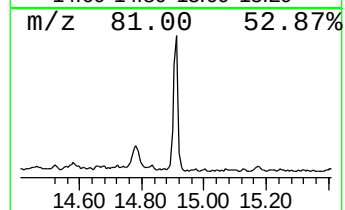
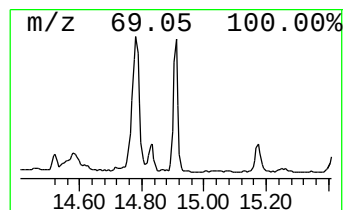
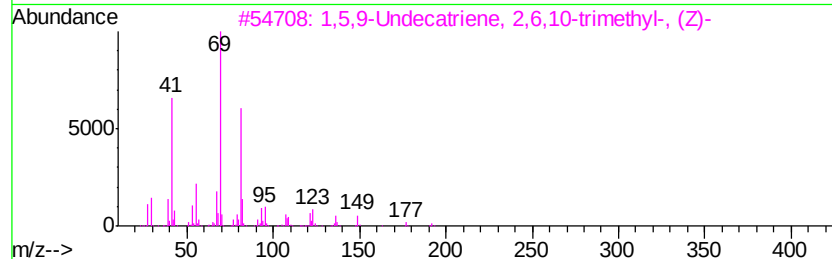
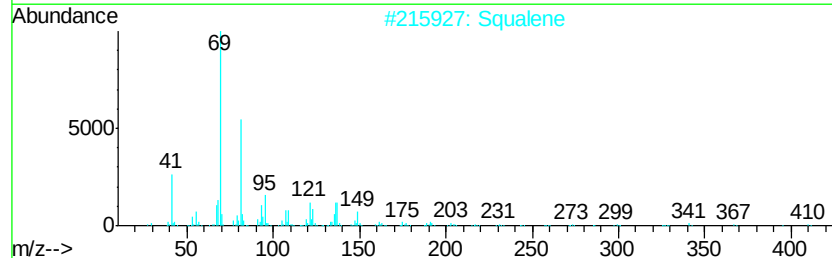
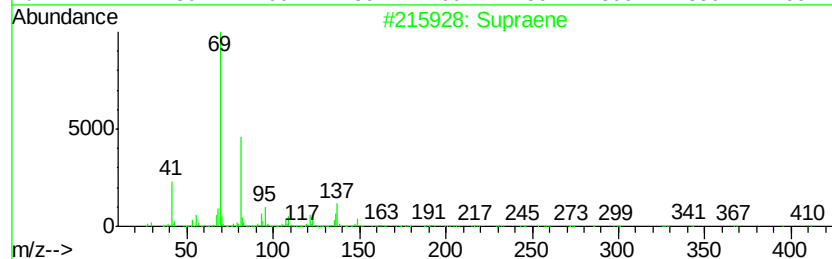
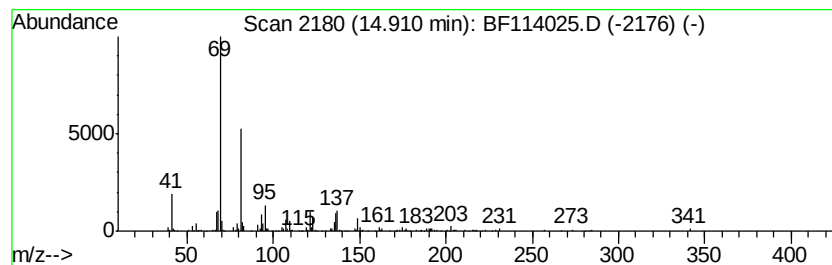
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Supraene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.63 ng	186415	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
Acq On : 29 Apr 2019 16:25
Operator : JU/SJ
Sample : K2576-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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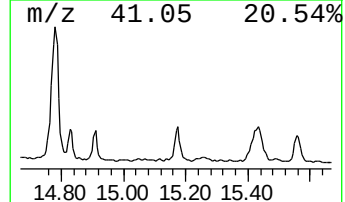
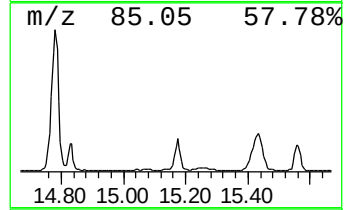
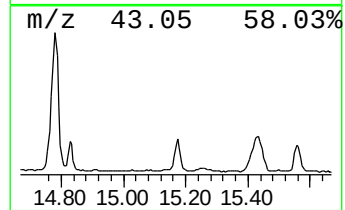
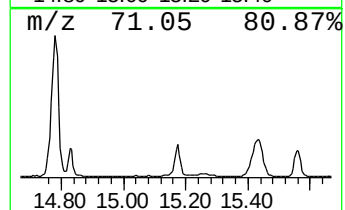
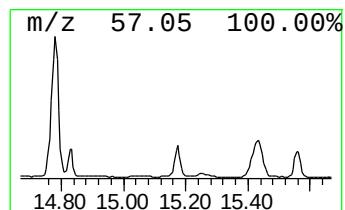
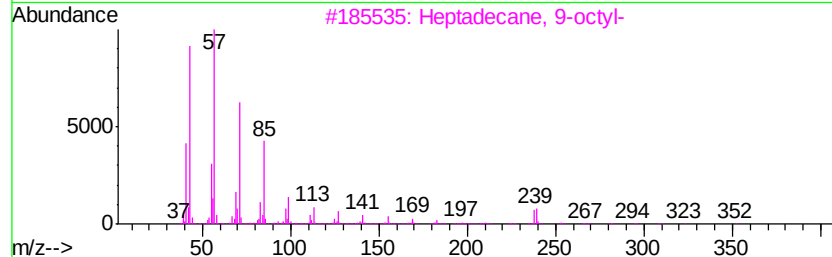
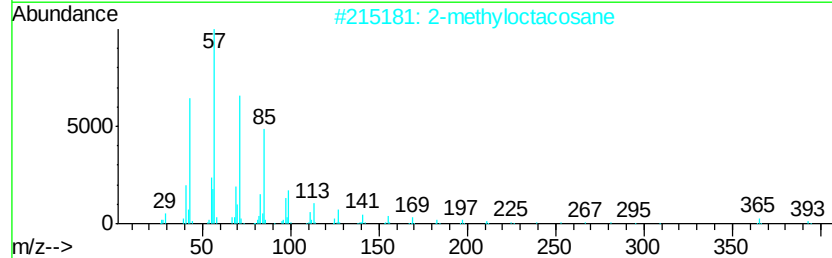
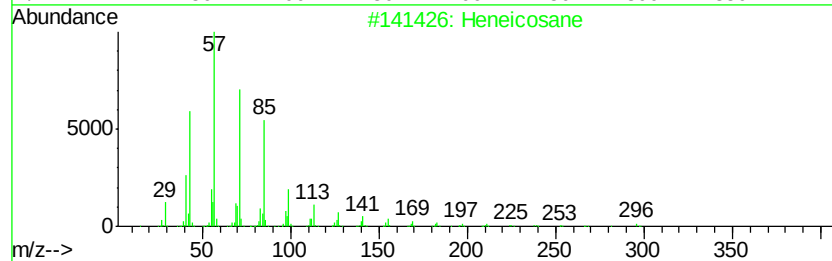
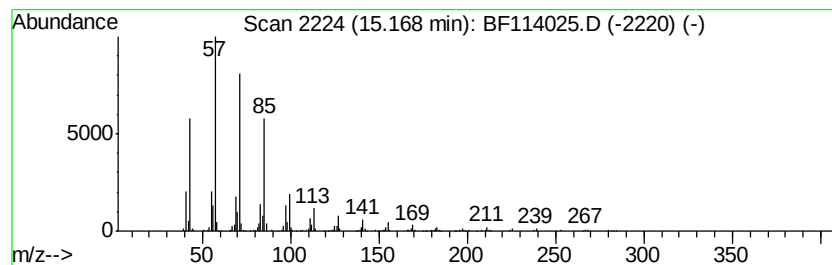
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.17 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	9.13 ng	469478	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
Acq On : 29 Apr 2019 16:25
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Sample : K2576-02
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ALS Vial : 3 Sample Multiplier: 1

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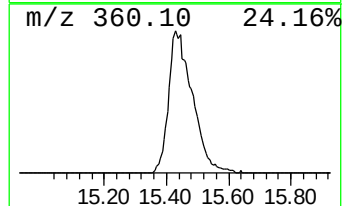
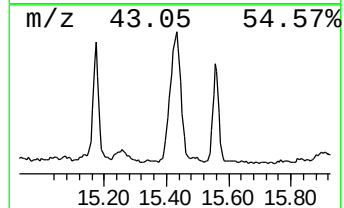
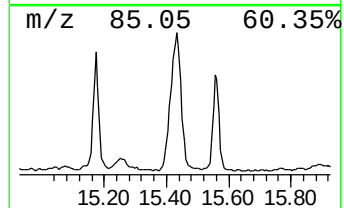
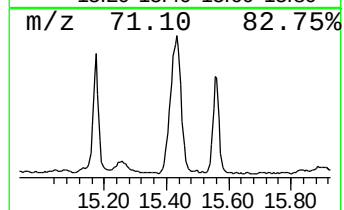
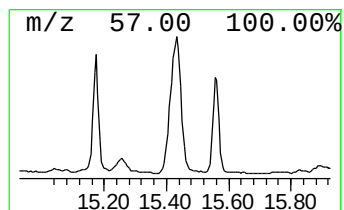
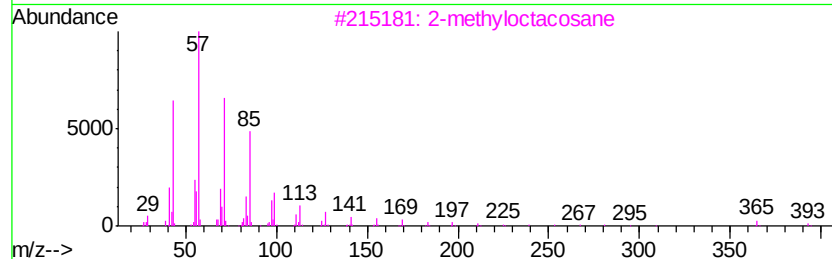
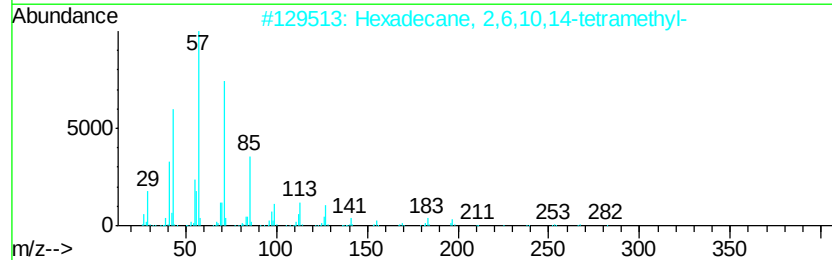
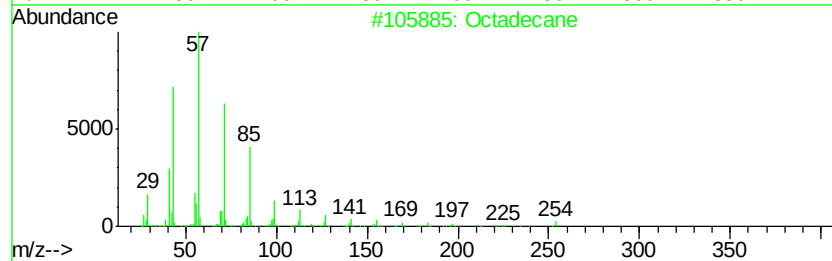
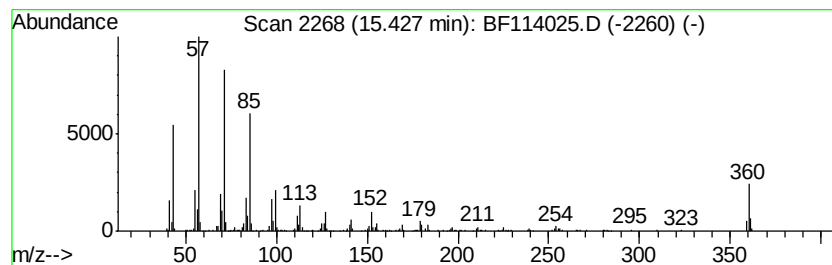
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	24.44 ng	1256480	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3		2-methyloctacosane	408	C29H60	1000376-72-8	81
4		Heneicosane	296	C21H44	000629-94-7	81
5		Hexacosane	366	C26H54	000630-01-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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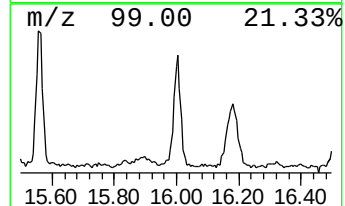
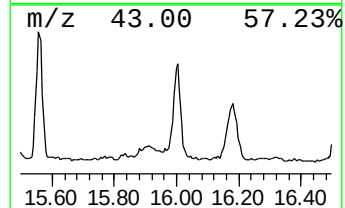
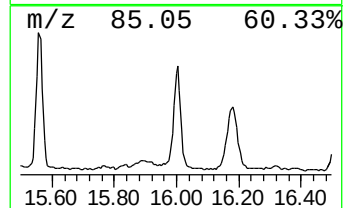
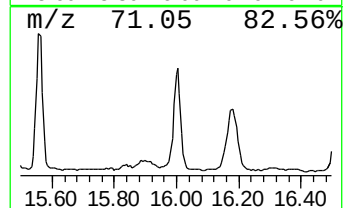
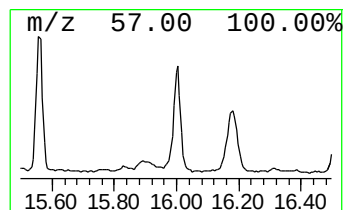
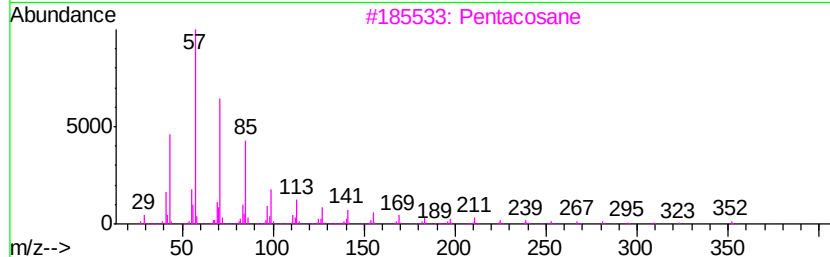
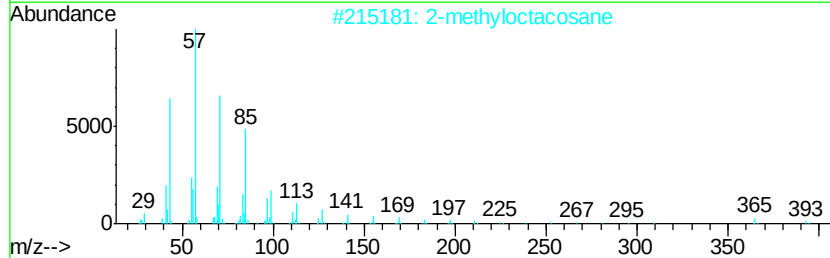
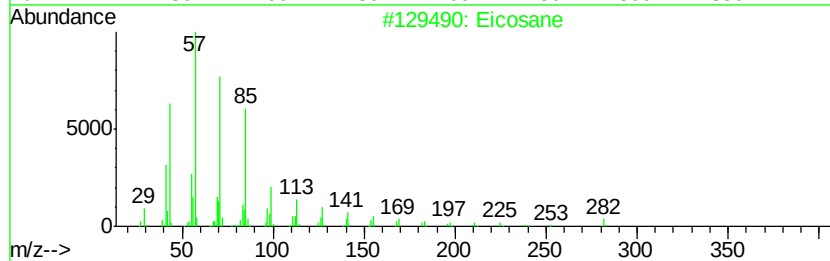
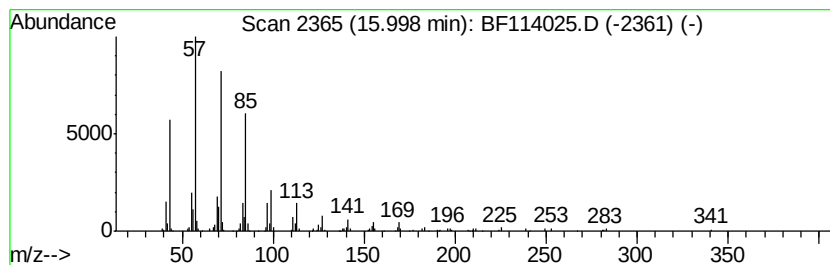
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	7.97 ng	409570	Perylene-d12	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 91
2	2-methyloctacosane		408 C29H60	1000376-72-8 91
3	Pentacosane		352 C25H52	000629-99-2 91
4	Heneicosane		296 C21H44	000629-94-7 90
5	Nonadecane, 2,3-dimethyl-		296 C21H44	075163-99-4 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114025.D
Acq On : 29 Apr 2019 16:25
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Sample : K2576-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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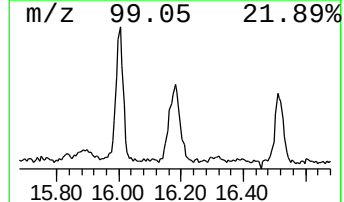
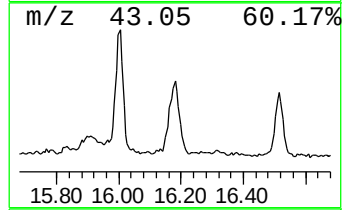
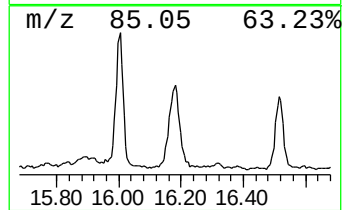
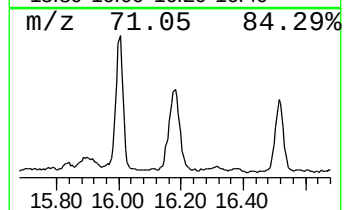
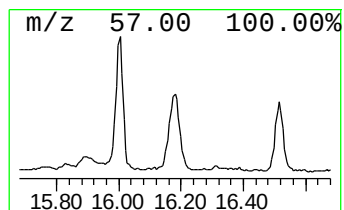
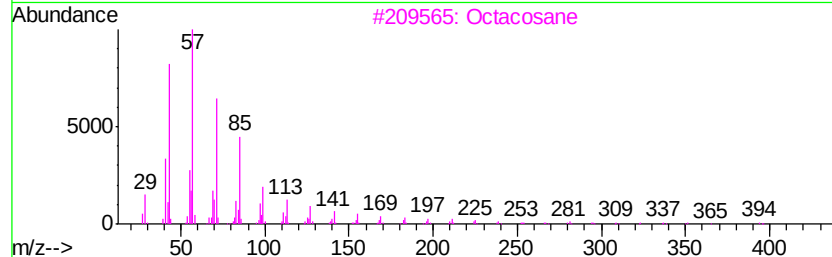
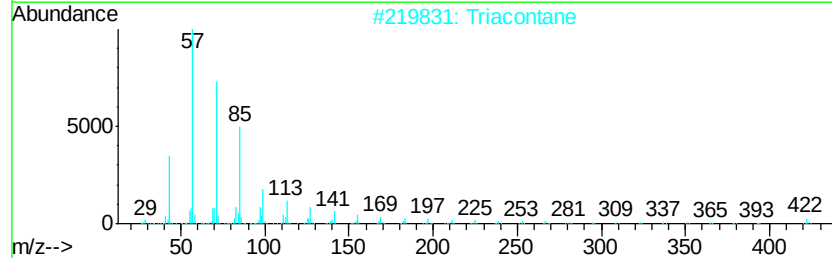
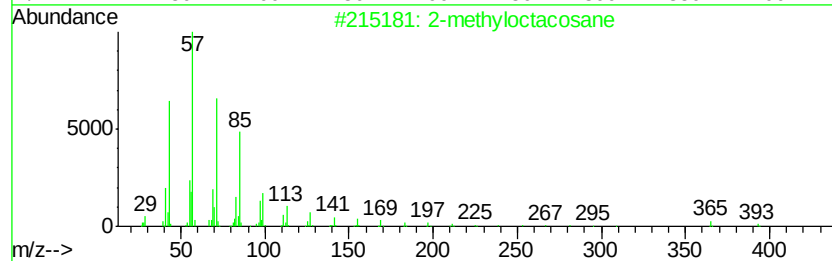
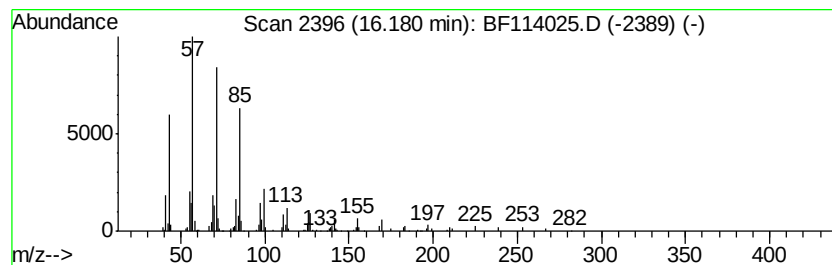
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	6.80 ng	349522	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		triacontane	422	C30H62	000638-68-6	91
3		octacosane	394	C28H58	000630-02-4	91
4		heneicosane	296	C21H44	000629-94-7	91
5		pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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Sample : K2576-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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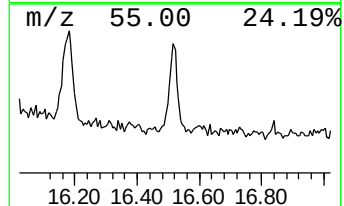
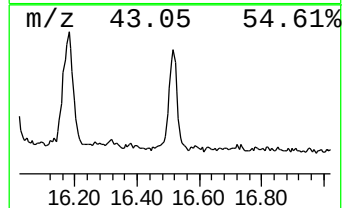
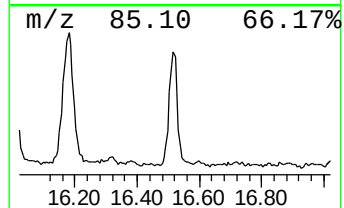
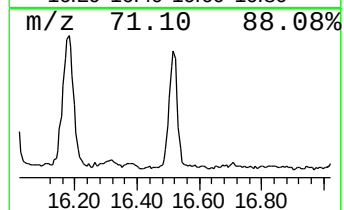
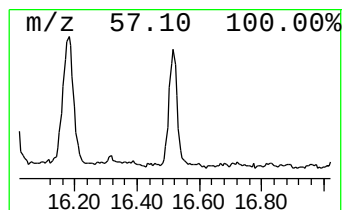
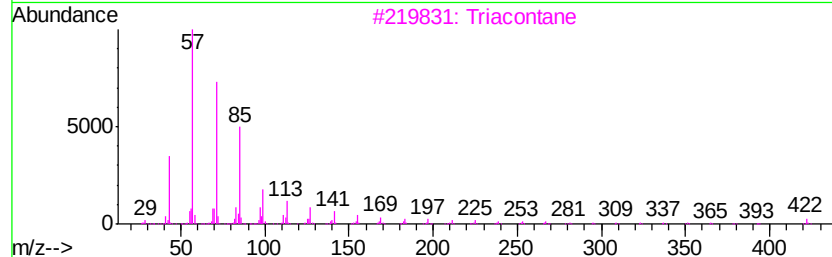
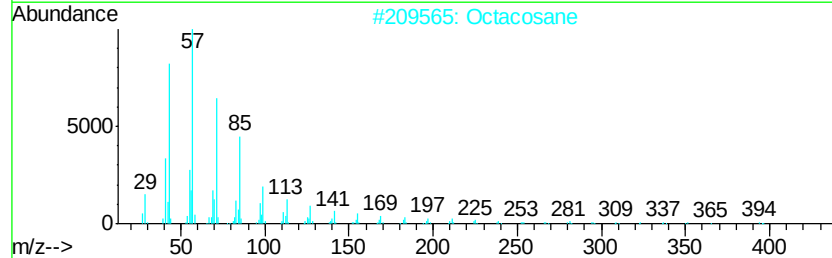
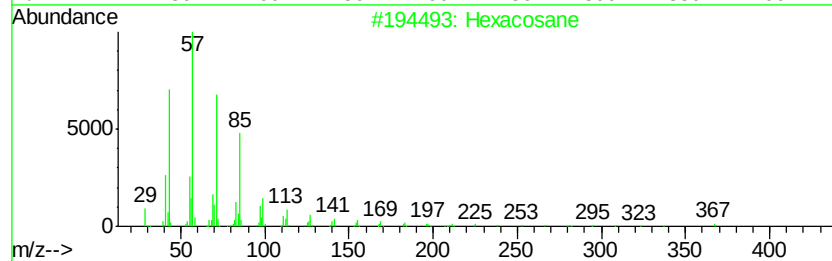
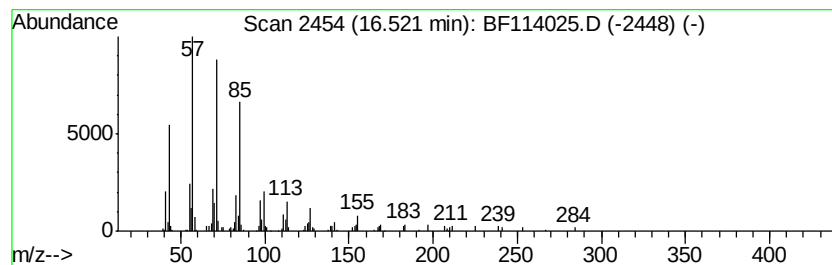
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown16.52 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	4.32 ng	222152	Perylene-d12	15.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Triacotane	422	C30H62	000638-68-6	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114025.D
 Acq On : 29 Apr 2019 16:25
 Operator : JU/SJ
 Sample : K2576-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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...	2.19	11.5	ng	421937	1	6.89	736116	20.0
unknown6.66	6.66	75.0	ng	2761460	1	6.89	736116	20.0
Naphthalene, 1-(2...	10.53	2.3	ng	136177	3	9.92	1209700	20.0
1-Naphthalenecarb...	10.65	5.2	ng	315722	3	9.92	1209700	20.0
n-Hexadecanoic acid	11.95	55.4	ng	3521300	4	11.41	1271230	20.0
2-methyloctacosane	12.15	24.9	ng	1580450	4	11.41	1271230	20.0
9,12-Octadecadien...	12.63	4.8	ng	302669	4	11.41	1271230	20.0
Octadecanoic acid	12.75	133.0	ng	7379910	5	14.05	1109800	20.0
Hexacosane	13.41	83.0	ng	4604800	5	14.05	1109800	20.0
Heptadecane, 9-oc...	14.17	71.5	ng	3966910	5	14.05	1109800	20.0
Heneicosane, 11-(...	14.52	3.7	ng	203016	5	14.05	1109800	20.0
Triacontane	14.78	45.7	ng	2537420	5	14.05	1109800	20.0
Heptacosane	14.83	7.2	ng	369677	6	15.53	1028180	20.0
Supraene	14.91	3.6	ng	186415	6	15.53	1028180	20.0
unknown15.17	15.17	9.1	ng	469478	6	15.53	1028180	20.0
Hexadecane, 2,6,1...	15.43	24.4	ng	1256480	6	15.53	1028180	20.0
Eicosane	16.00	8.0	ng	409570	6	15.53	1028180	20.0
Pentacosane	16.18	6.8	ng	349522	6	15.53	1028180	20.0
unknown16.52	16.52	4.3	ng	222152	6	15.53	1028180	20.0