

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110824.D
 Acq On : 16 Nov 2018 18:40
 Operator : JU/SJ
 Sample : J5964-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LR-RBR-200036

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-BF110818.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	2.234	21	25	37	rVB	84284	136774	7.46%	0.887%
2	5.175	522	525	536	rBV	42538	66712	3.64%	0.433%
3	5.563	587	591	612	rBV	1420607	1529137	83.39%	9.917%
4	6.569	757	762	782	rBV	1523050	1624754	88.60%	10.537%
5	6.710	782	786	789	rBV	1903303	1629784	88.87%	10.570%
6	6.940	822	825	832	rBV	409440	351609	19.17%	2.280%
7	7.092	847	851	865	rBV	1442540	1256825	68.54%	8.151%
8	7.504	917	921	933	rBV	1065657	1014023	55.30%	6.576%
9	8.222	1039	1043	1061	rBV	441406	461553	25.17%	2.993%
10	9.292	1221	1225	1234	rBV	1942568	1833802	100.00%	11.893%
11	9.686	1287	1292	1298	rBV	195835	209357	11.42%	1.358%
12	9.833	1314	1317	1319	rBV2	20305	20220	1.10%	0.131%
13	9.881	1322	1325	1329	rVB2	34098	37604	2.05%	0.244%
14	9.981	1339	1342	1351	rVB	545274	490289	26.74%	3.180%
15	10.304	1392	1397	1399	rBV5	17486	26056	1.42%	0.169%
16	10.380	1405	1410	1414	rVB3	50921	66631	3.63%	0.432%
17	10.422	1414	1417	1419	rBV2	18061	21247	1.16%	0.138%
18	10.610	1444	1449	1451	rBV	48312	64538	3.52%	0.419%
19	10.775	1473	1477	1484	rBV	973542	962160	52.47%	6.240%
20	10.875	1489	1494	1497	rBV2	96512	135629	7.40%	0.880%
21	11.004	1514	1516	1520	rBV5	24162	27513	1.50%	0.178%
22	11.339	1570	1573	1575	rBV	53347	49942	2.72%	0.324%
23	11.475	1593	1596	1599	rBV	465701	433965	23.66%	2.814%
24	11.498	1599	1600	1605	rVB	124407	88262	4.81%	0.572%
25	11.980	1679	1682	1684	rBV2	34500	37222	2.03%	0.241%
26	12.692	1800	1803	1809	rVB	164476	158051	8.62%	1.025%
27	12.904	1837	1839	1841	rBV2	34408	38034	2.07%	0.247%
28	12.927	1841	1843	1849	rVB	131492	116442	6.35%	0.755%
29	13.057	1861	1865	1868	rBV	1519652	1265890	69.03%	8.210%
30	13.257	1897	1899	1903	rVB3	23447	22091	1.20%	0.143%
31	13.933	2011	2014	2021	rVB3	39253	51060	2.78%	0.331%
32	14.127	2042	2047	2050	rBV	424008	427491	23.31%	2.772%
33	14.239	2058	2066	2075	rBV6	20169	52668	2.87%	0.342%
34	14.551	2117	2119	2124	rBV5	15435	27790	1.52%	0.180%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.663	2133	2138	2145	rVB8	14861	32844	1.79%	0.213%
36	14.721	2145	2148	2153	rBV	34345	39144	2.13%	0.254%
37	14.863	2170	2172	2178	rVB3	29171	37721	2.06%	0.245%
38	14.951	2183	2187	2191	rVB3	18183	24292	1.32%	0.158%
39	15.215	2227	2232	2237	rBV2	33379	58871	3.21%	0.382%
40	15.610	2292	2299	2302	rBV6	23228	44456	2.42%	0.288%
41	15.657	2302	2307	2323	rVB	205687	335396	18.29%	2.175%
42	16.062	2371	2376	2382	rBV2	28589	45439	2.48%	0.295%
43	16.592	2459	2466	2470	rBV4	13112	24429	1.33%	0.158%
44	17.209	2564	2571	2575	rBV3	20442	41729	2.28%	0.271%

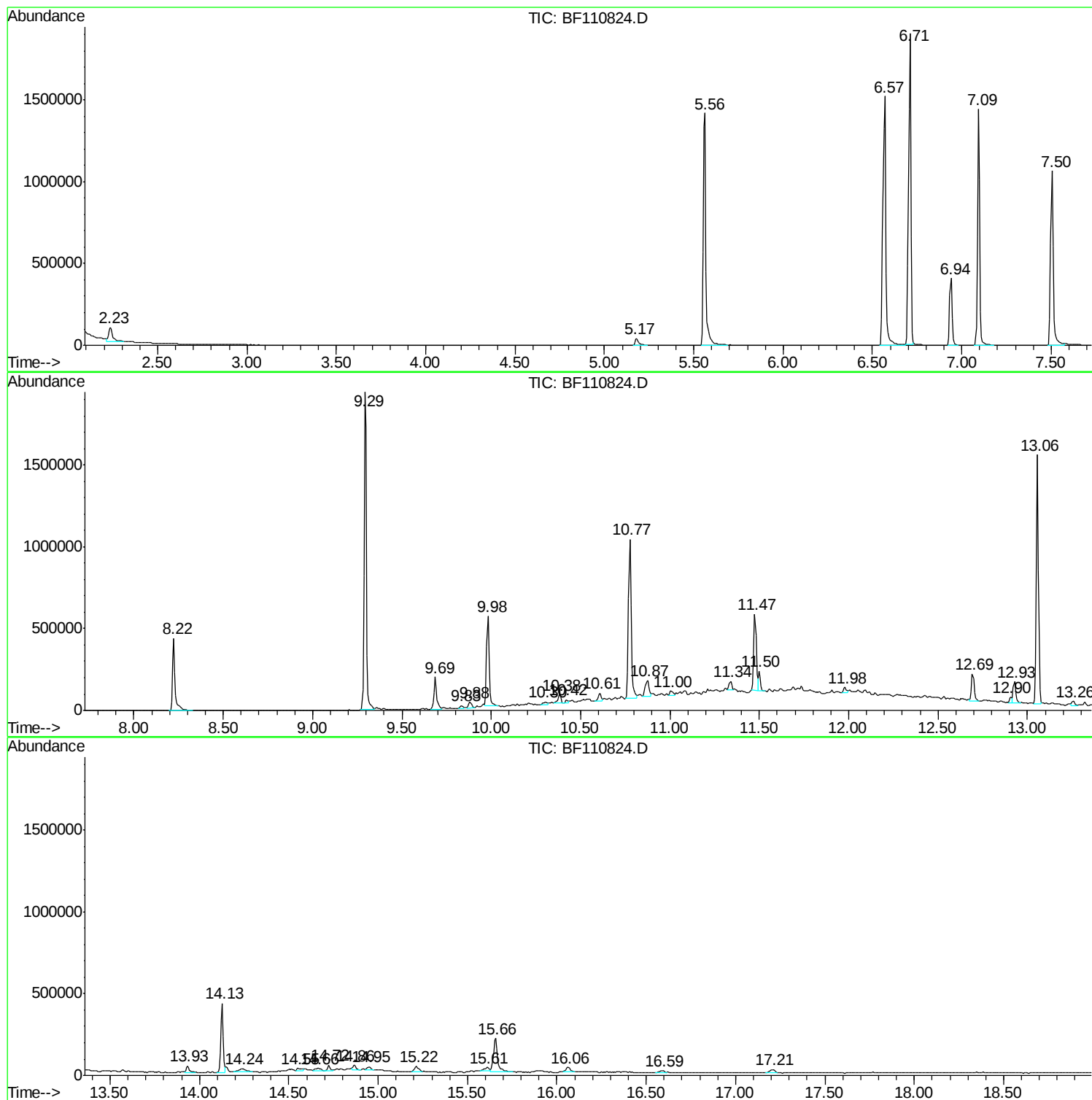
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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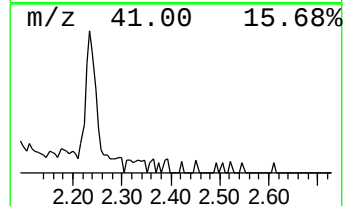
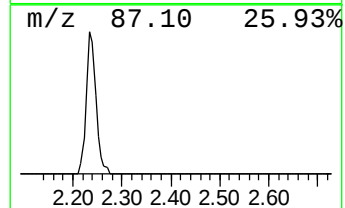
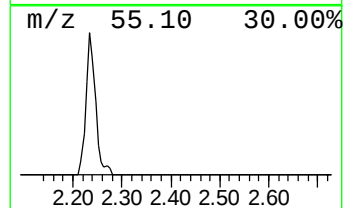
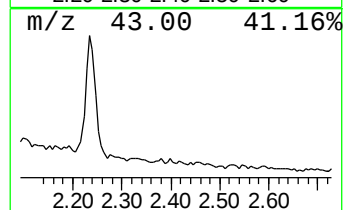
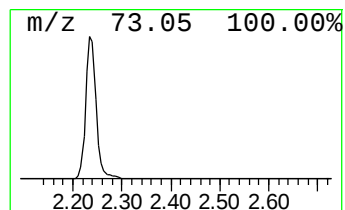
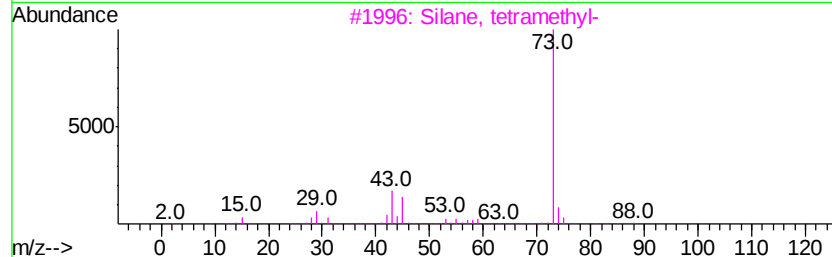
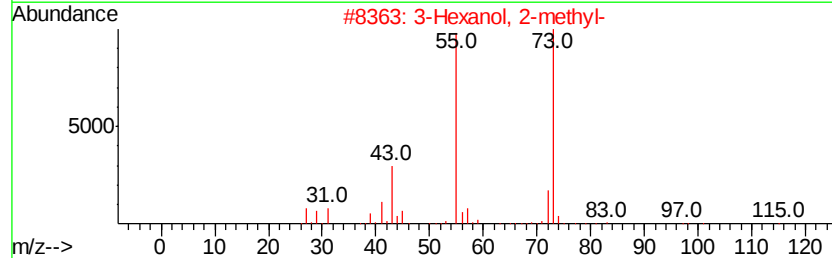
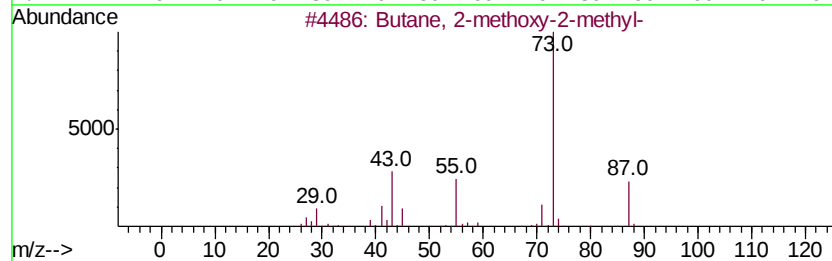
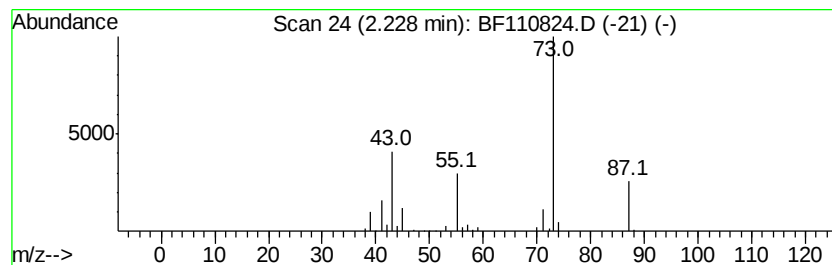
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	7.78 ng	136774	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17



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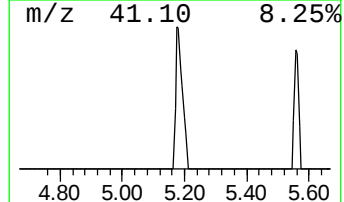
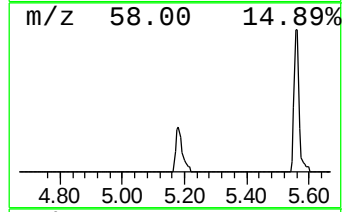
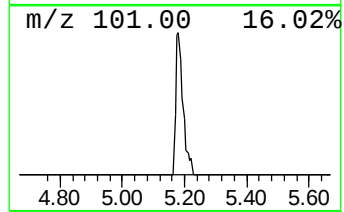
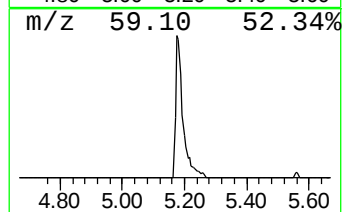
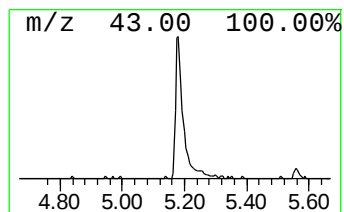
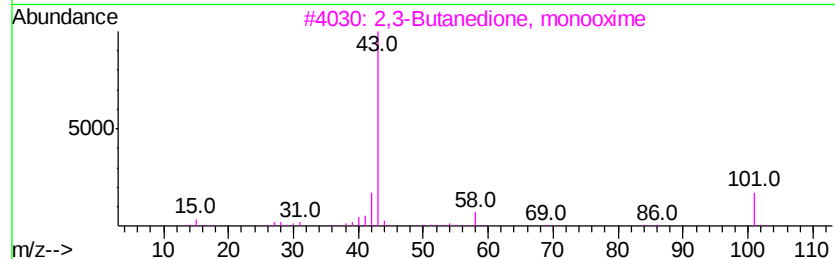
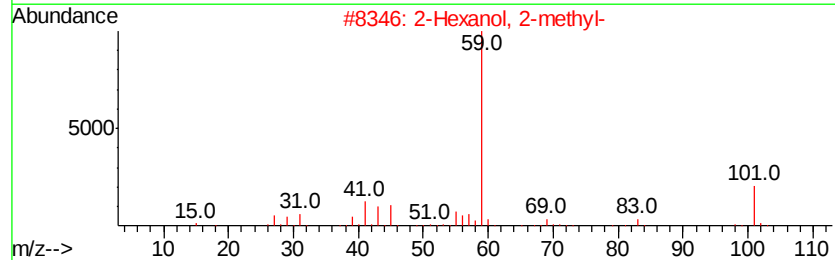
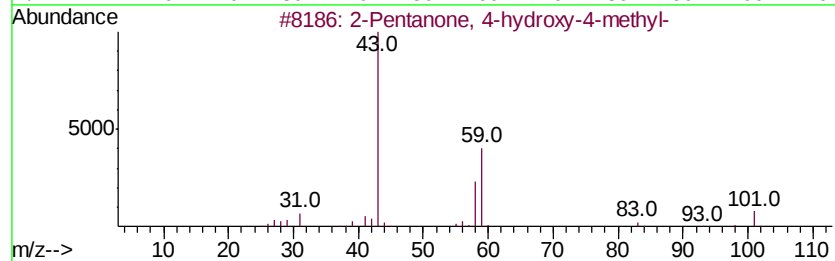
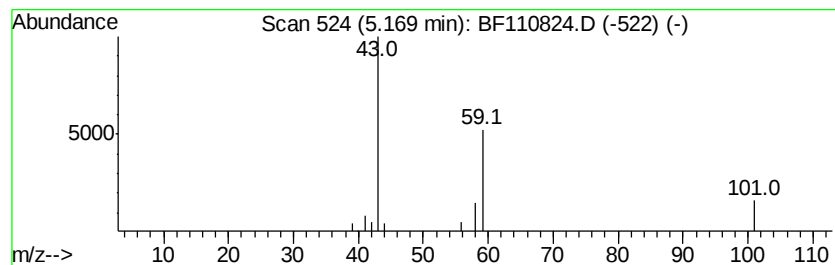
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	3.79 ng	66712	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		3-Octanol	130	C8H18O	000589-98-0	9



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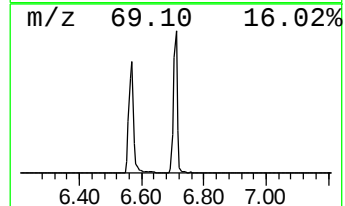
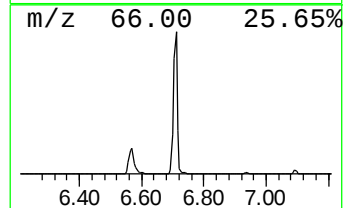
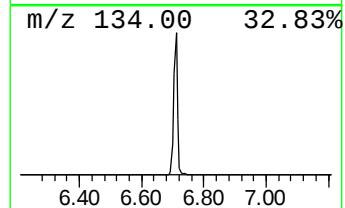
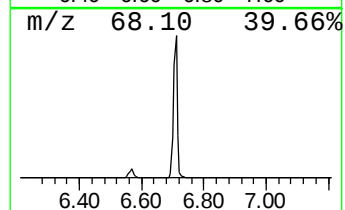
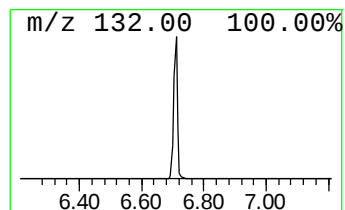
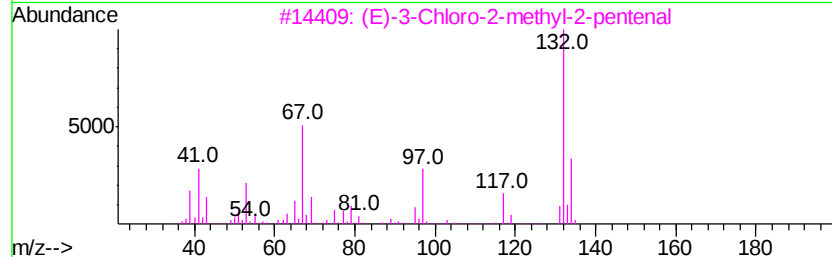
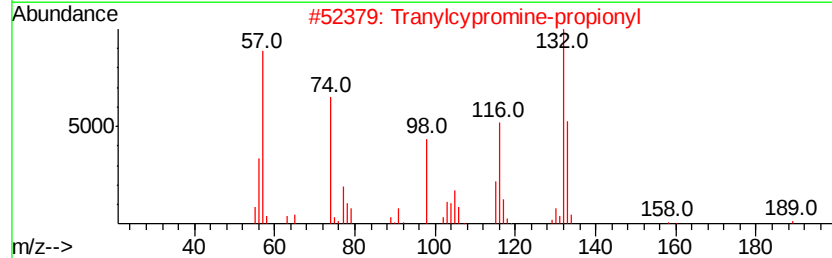
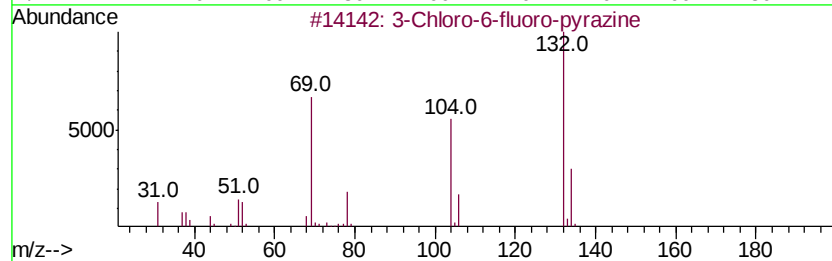
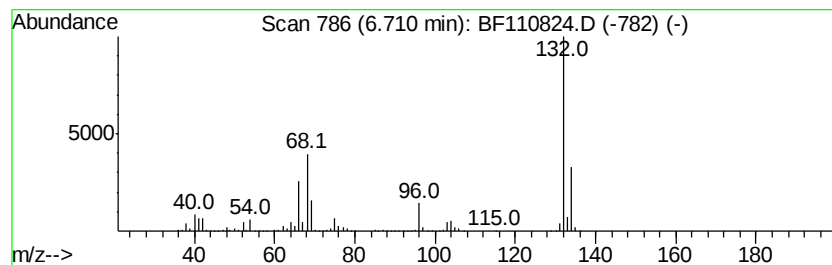
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	92.70 ng	1629780	1,4-Dichlorobenzene-d4	6.94

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	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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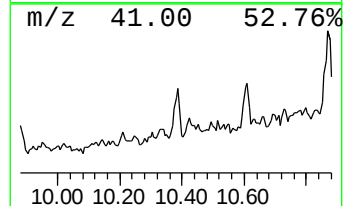
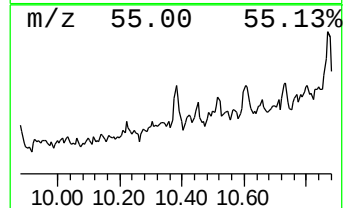
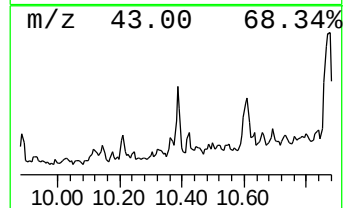
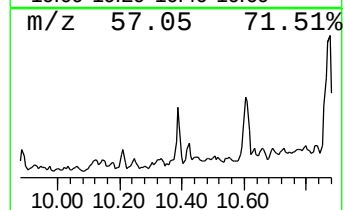
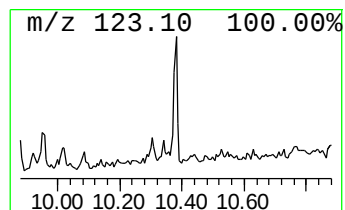
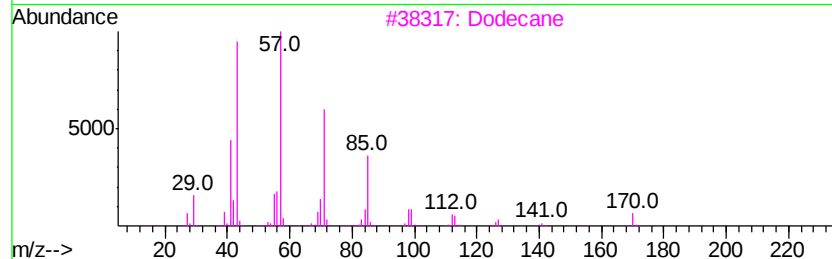
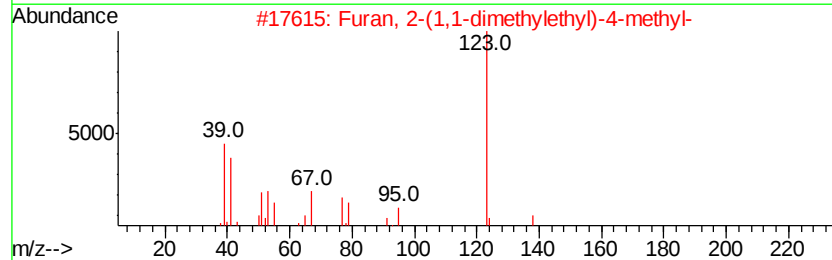
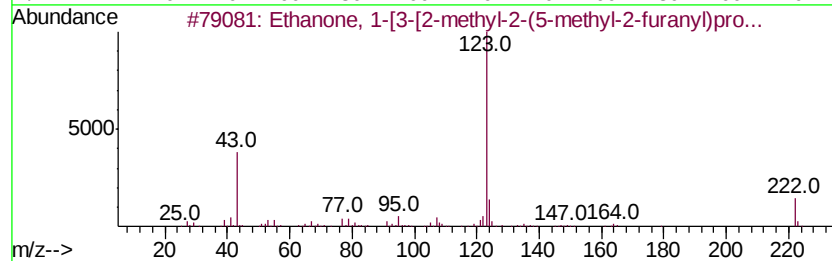
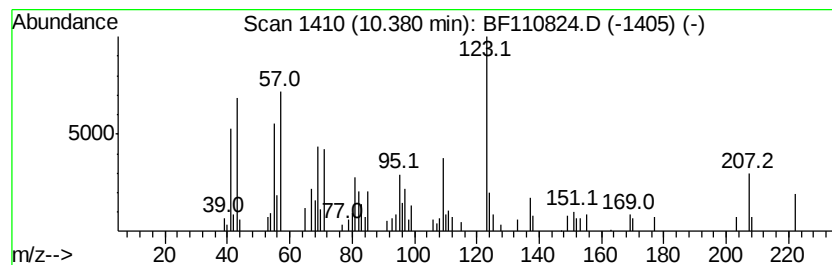
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown10.38 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.72 ng	66631	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-[3-[2-methyl-2-(5-methyl-2-furanyl)propyl]-4-methoxyphenyl]-	222	C13H18O3	080114-28-9	35
2		Furan, 2-(1,1-dimethylethyl)-4-methyl-	138	C9H14O	006141-68-0	22
3		Dodecane	170	C12H26	000112-40-3	15
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	11
5		Undecane	156	C11H24	001120-21-4	10



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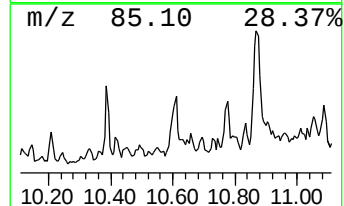
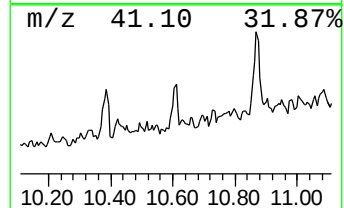
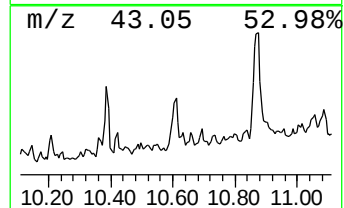
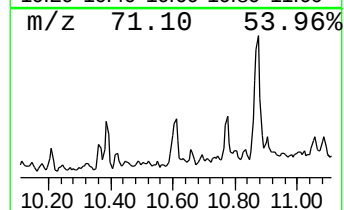
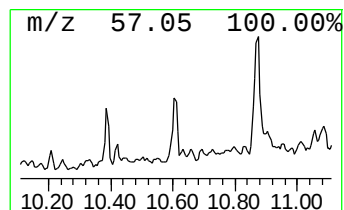
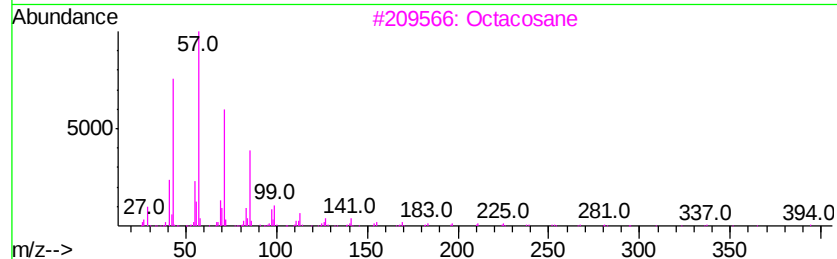
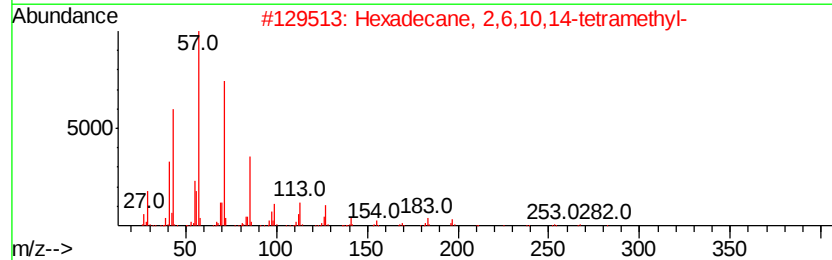
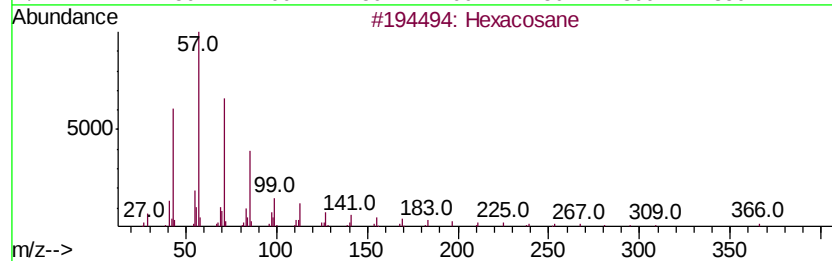
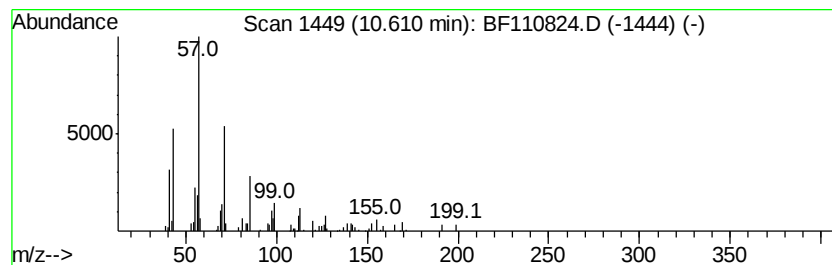
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	2.63 ng	64538	Acenaphthene-d10	9.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane		366 C26H54	000630-01-3 86
2	Hexadecane, 2,6,10,14-tetramethyl-		282 C20H42	000638-36-8 83
3	Octacosane		394 C28H58	000630-02-4 72
4	Sulfurous acid, butyl tridecyl e...		320 C17H36O3S	1000309-18-0 72
5	Tridecane, 5-propyl-		226 C16H34	055045-11-9 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110824.D
Acq On : 16 Nov 2018 18:40
Operator : JU/SJ
Sample : J5964-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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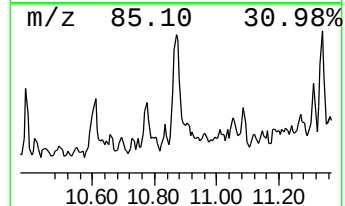
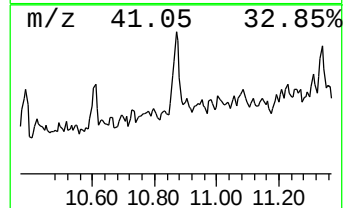
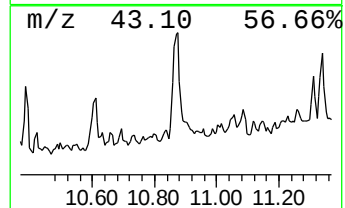
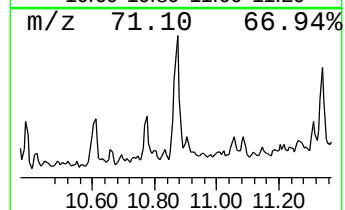
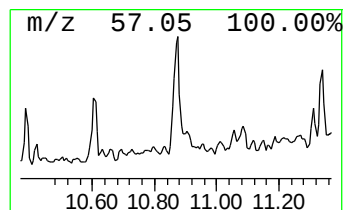
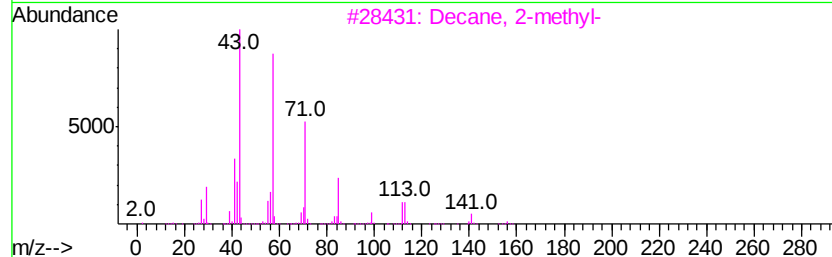
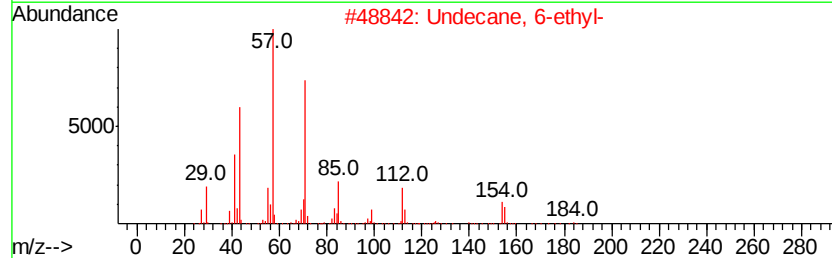
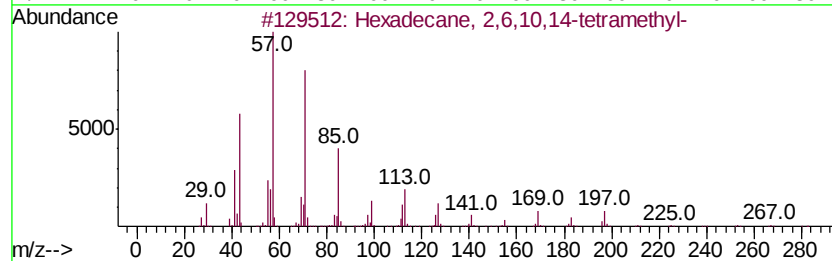
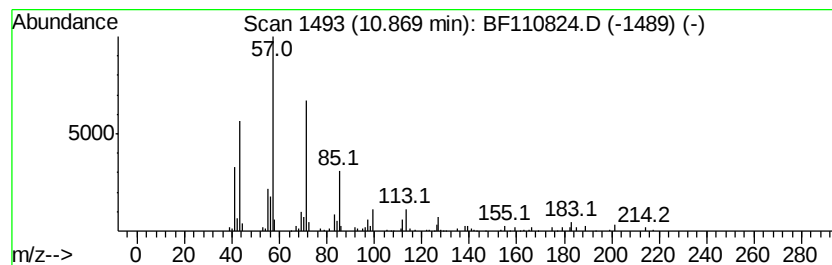
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.25 ng	135629	Phenanthrene-d10	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
3			Decane, 2-methyl-	156	C11H24	006975-98-0	72
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	68
5			Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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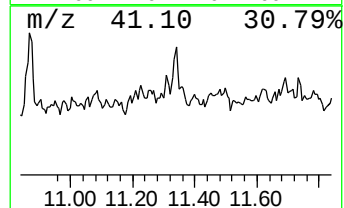
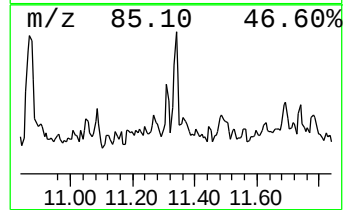
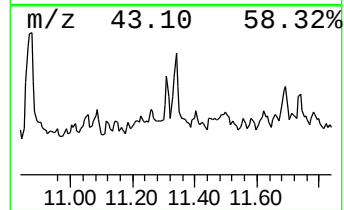
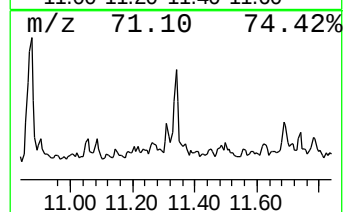
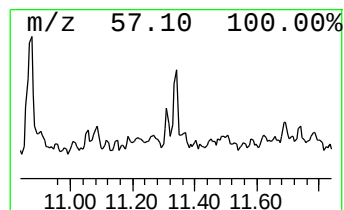
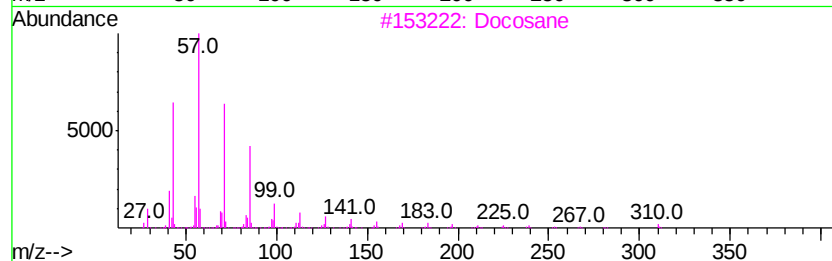
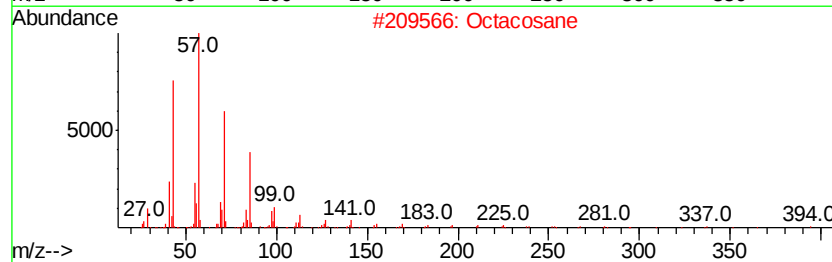
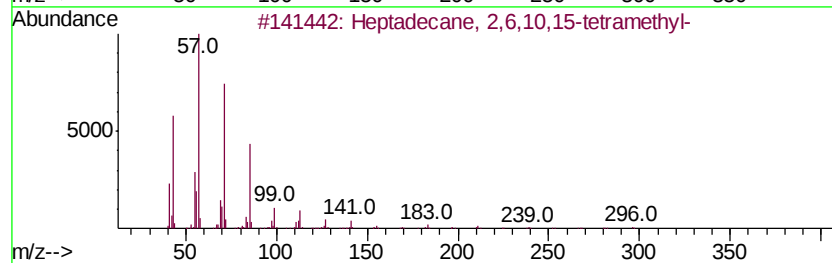
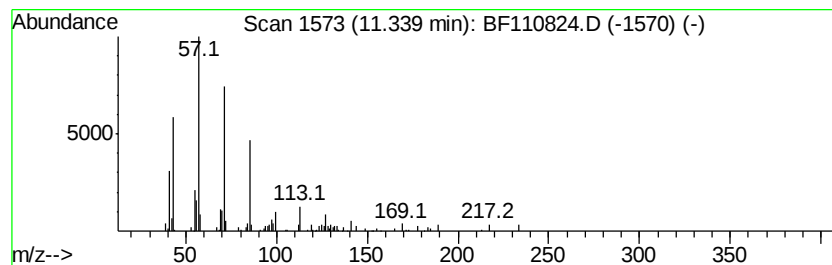
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.30 ng	49942	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Octacosane	394	C28H58	000630-02-4	86
3		Docosane	310	C22H46	000629-97-0	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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Sample : J5964-01
Misc :
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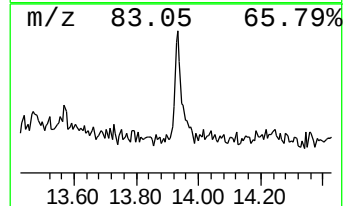
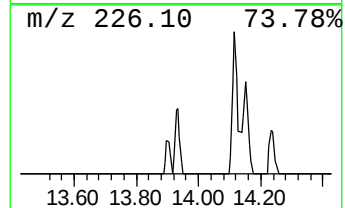
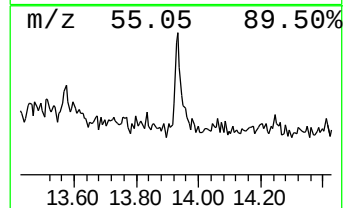
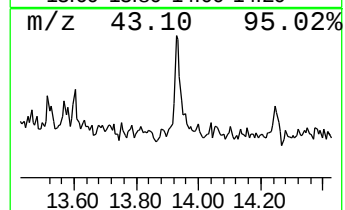
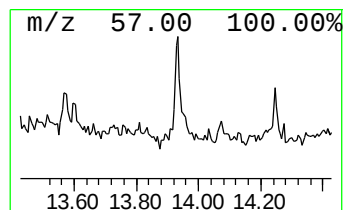
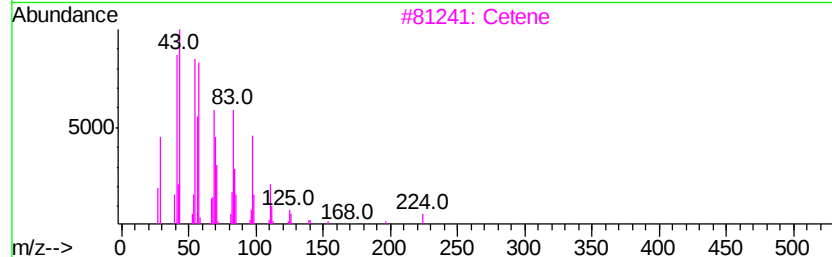
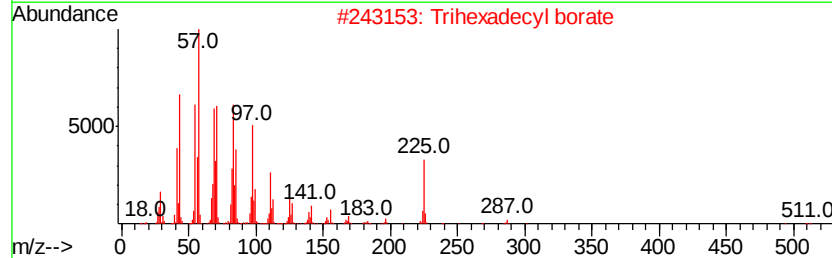
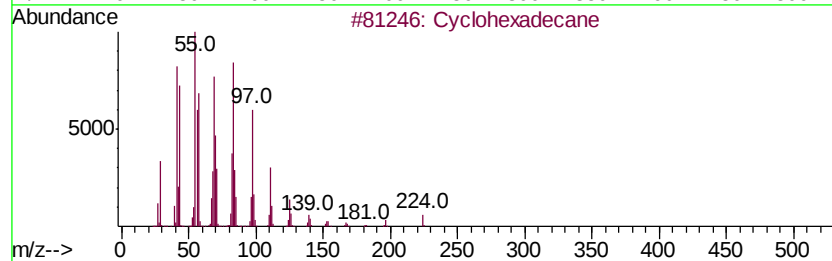
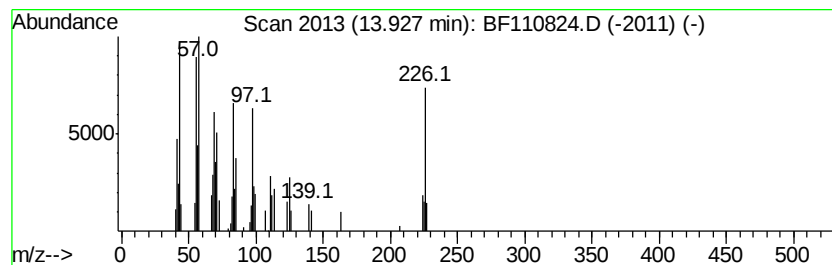
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.39 ng	51060	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 52
2		Trihexadecyl borate	735 C48H99B03	002665-11-4 49
3		Cetene	224 C16H32	000629-73-2 45
4		Cyclopentane, undecyl-	224 C16H32	006785-23-5 43
5		Carbonic acid, tetradecyl 2,2,2-...	388 C17H31Cl303	1000314-56-0 41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110824.D
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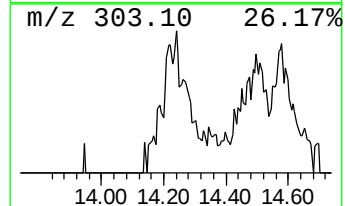
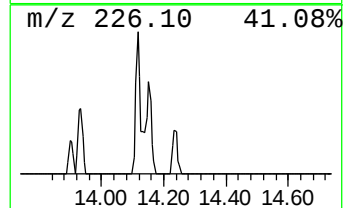
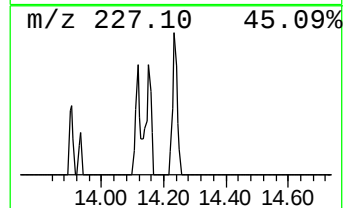
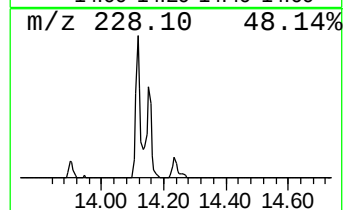
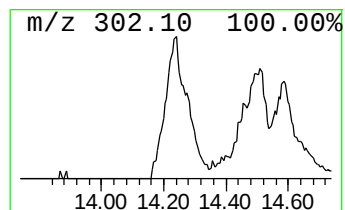
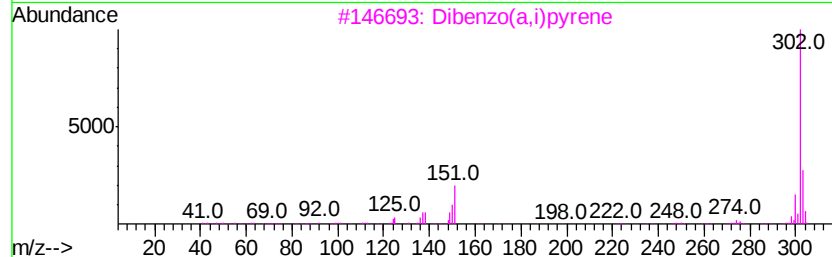
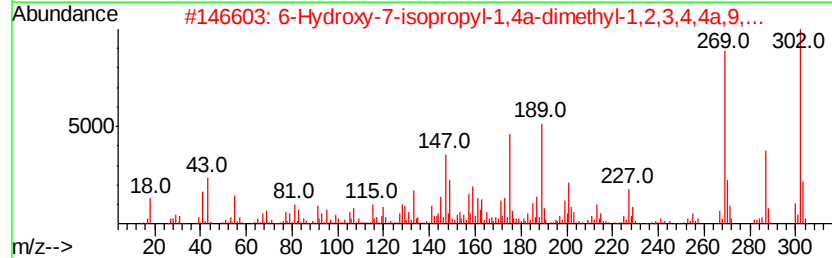
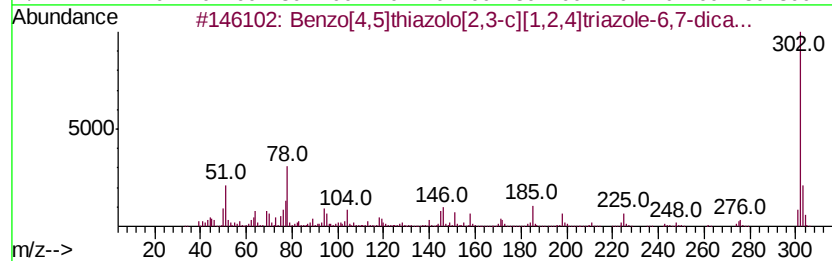
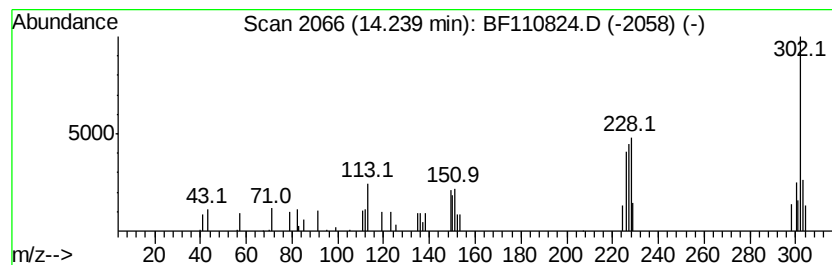
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.24 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.46 ng	52668	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[4,5]thiazolo[2,3-c][1,2,4]...	302	C15H6N6S	1000303-95-5	30
2		6-Hydroxy-7-isopropyl-1,4a-dimet...	302	C20H30O2	022595-48-8	30
3		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	30
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	27
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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ClientSampleId :
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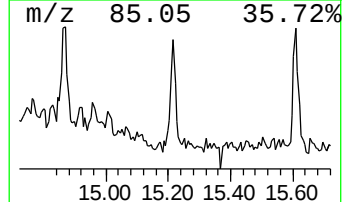
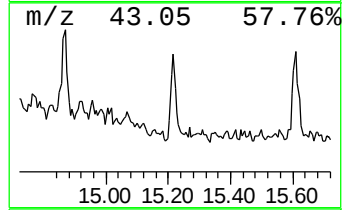
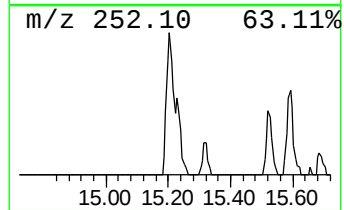
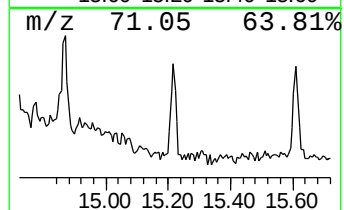
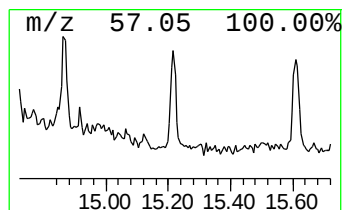
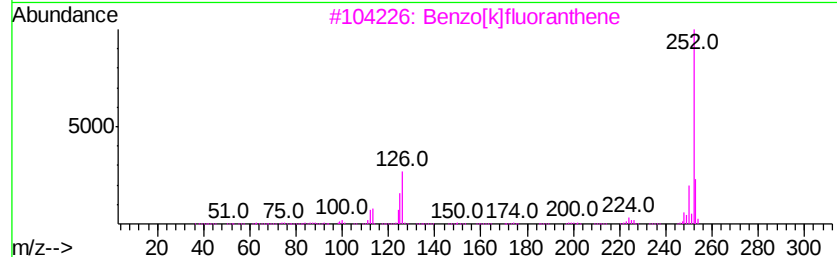
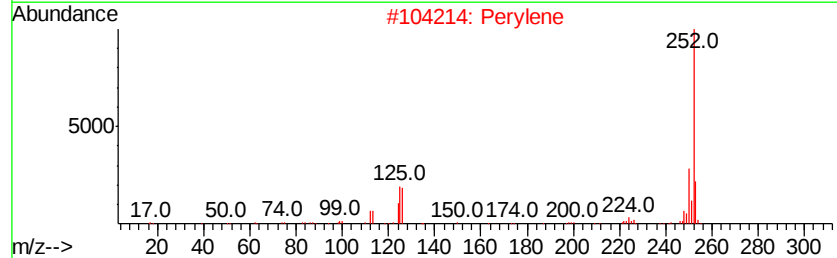
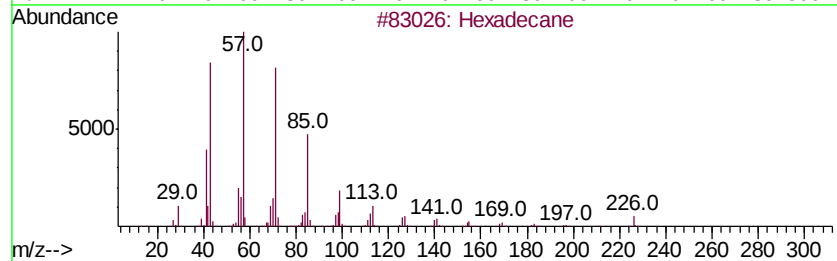
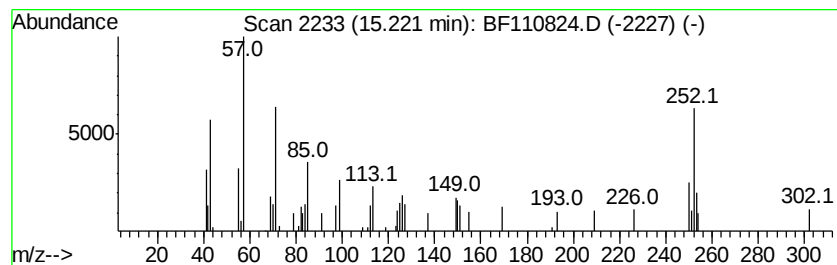
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.51 ng	58871	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Perylene	252	C20H12	000198-55-0	46
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	43
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	43
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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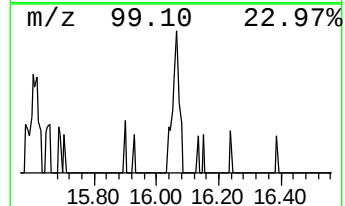
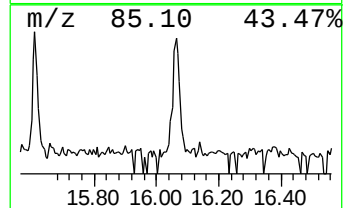
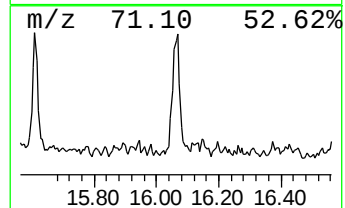
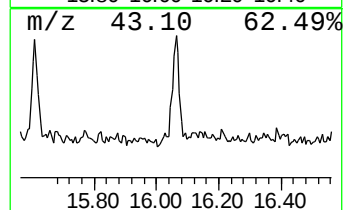
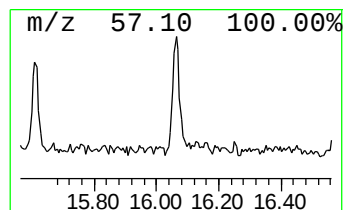
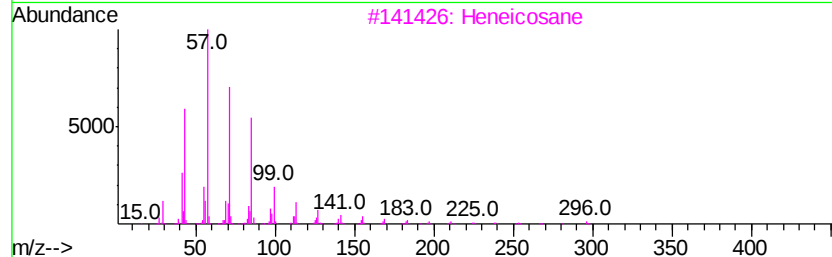
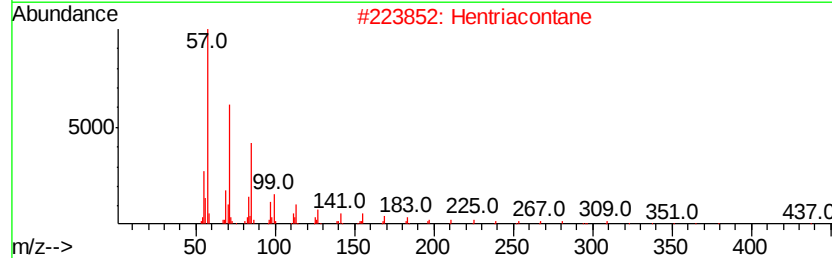
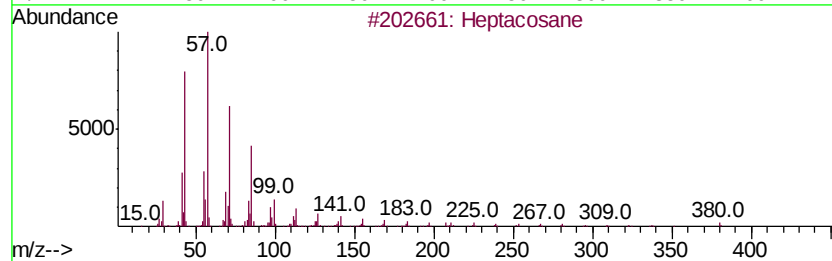
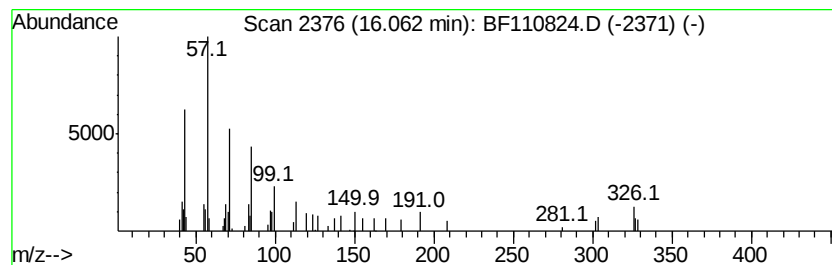
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.71 ng	45439	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	60
2		Hentriacontane	437	C31H64	000630-04-6	53
3		Heneicosane	296	C21H44	000629-94-7	49
4		Hexacosane	366	C26H54	000630-01-3	49
5		Octacosane	394	C28H58	000630-02-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110824.D
Acq On : 16 Nov 2018 18:40
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ALS Vial : 17 Sample Multiplier: 1

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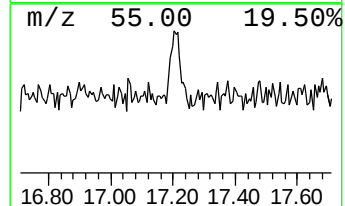
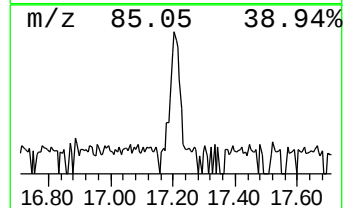
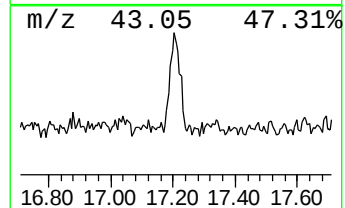
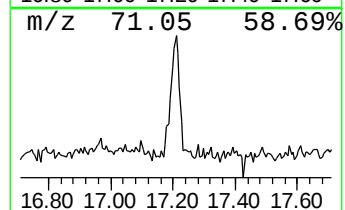
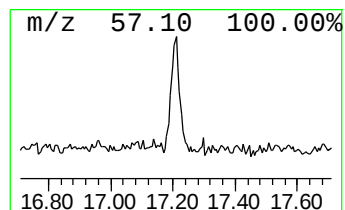
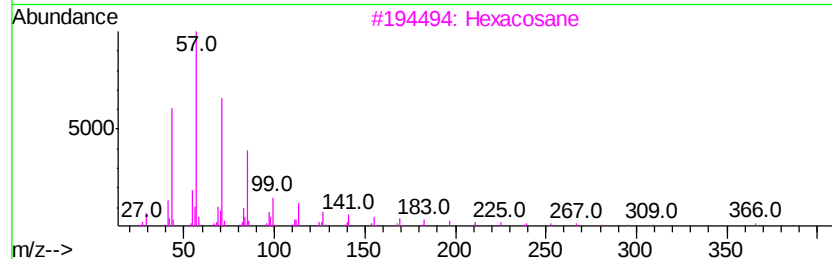
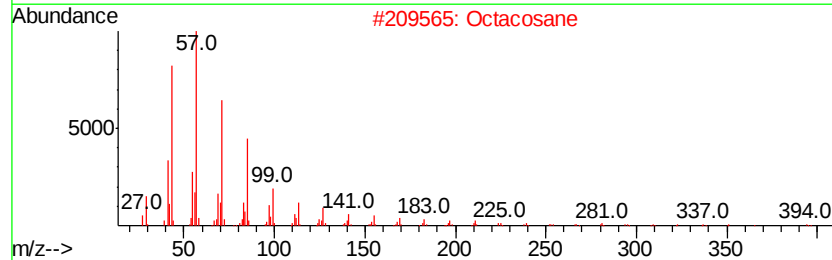
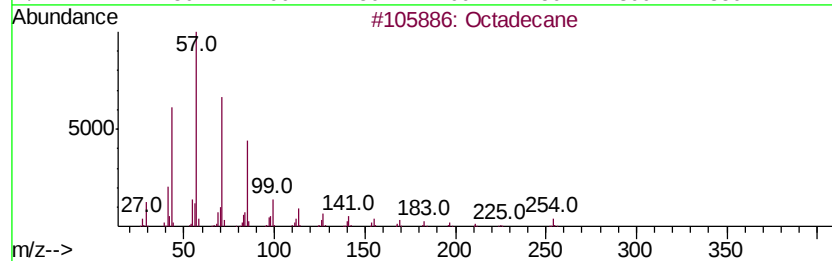
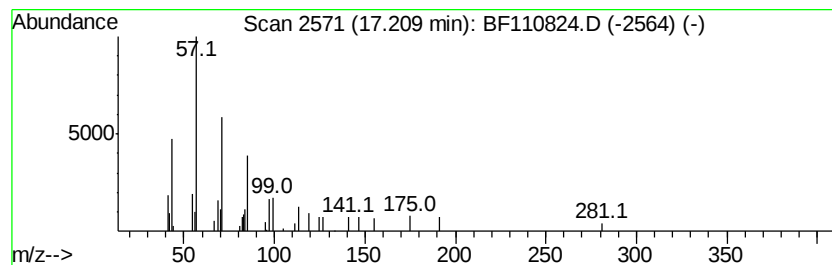
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	2.49 ng	41729	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	80
2			Octacosane	394	C28H58	000630-02-4	72
3			Hexacosane	366	C26H54	000630-01-3	72
4			Pentacosane	352	C25H52	000629-99-2	72
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110824.D
 Acq On : 16 Nov 2018 18:40
 Operator : JU/SJ
 Sample : J5964-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LR-RBR-200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	2.23	7.8	ng	136774	1	6.94	351609	20.0
2-Pentanone, 4-hy...	5.17	3.8	ng	66712	1	6.94	351609	20.0
unknown6.71	6.71	92.7	ng	1629780	1	6.94	351609	20.0
unknown10.38	10.38	2.7	ng	66631	3	9.98	490289	20.0
Hexacosane	10.61	2.6	ng	64538	3	9.98	490289	20.0
Hexadecane, 2,6,1...	10.87	6.3	ng	135629	4	11.47	433965	20.0
Heptadecane, 2,6,...	11.34	2.3	ng	49942	4	11.47	433965	20.0
Cyclohexadecane	13.93	2.4	ng	51060	5	14.13	427491	20.0
unknown14.24	14.24	2.5	ng	52668	5	14.13	427491	20.0
Hexadecane	15.22	3.5	ng	58871	6	15.66	335396	20.0
Heptacosane	16.06	2.7	ng	45439	6	15.66	335396	20.0
Octadecane	17.21	2.5	ng	41729	6	15.66	335396	20.0