

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106942.D
 Acq On : 29 Jun 2018 00:57
 Operator : JU/SJ
 Sample : J3734-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-SOIL

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-BF061918.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	5.189	481	485	497	rBV	115301	138610	10.90%	0.790%
2	5.595	550	554	566	rBV	1284412	1149436	90.42%	6.552%
3	6.595	719	724	736	rBV	1182774	1135944	89.36%	6.475%
4	6.731	743	747	750	rBV	1312496	1169216	91.97%	6.665%
5	6.954	781	785	788	rBV	402939	329198	25.90%	1.877%
6	7.107	807	811	815	rBV	1123094	960870	75.58%	5.477%
7	7.519	876	881	884	rBV	731553	692279	54.46%	3.946%
8	8.236	999	1003	1015	rBV	393999	367699	28.92%	2.096%
9	9.307	1181	1185	1194	rBV	1397233	1168068	91.88%	6.658%
10	9.701	1248	1252	1259	rBV	99024	87871	6.91%	0.501%
11	9.989	1298	1301	1309	rBV	360981	336806	26.49%	1.920%
12	10.401	1369	1371	1374	rVB	23503	16327	1.28%	0.093%
13	10.783	1433	1436	1445	rVB	695646	627098	49.33%	3.575%
14	10.871	1449	1451	1456	rVB	17487	18445	1.45%	0.105%
15	10.948	1461	1464	1467	rBV	32679	26489	2.08%	0.151%
16	11.030	1475	1478	1480	rBV	67719	53273	4.19%	0.304%
17	11.054	1480	1482	1486	rVV	71001	53173	4.18%	0.303%
18	11.118	1490	1493	1496	rVB	63869	46678	3.67%	0.266%
19	11.230	1508	1512	1514	rBV	76485	58843	4.63%	0.335%
20	11.407	1536	1542	1548	rBV	160425	146299	11.51%	0.834%
21	11.466	1548	1552	1554	rBV	338689	371004	29.18%	2.115%
22	11.483	1554	1555	1557	rBV	156576	123891	9.75%	0.706%
23	11.560	1565	1568	1572	rVB	255943	222136	17.47%	1.266%
24	11.677	1582	1588	1590	rBV	367395	296441	23.32%	1.690%
25	11.701	1590	1592	1595	rVB	34279	25748	2.03%	0.147%
26	11.854	1614	1618	1620	rBV	717324	642913	50.57%	3.665%
27	11.877	1620	1622	1624	rVV	111530	123482	9.71%	0.704%
28	11.895	1624	1625	1627	rVV	113166	55724	4.38%	0.318%
29	11.924	1627	1630	1635	rVB	127250	102798	8.09%	0.586%
30	11.989	1635	1641	1644	rBV	126180	114240	8.99%	0.651%
31	12.101	1657	1660	1663	rBV	152810	130484	10.26%	0.744%
32	12.224	1678	1681	1685	rVB2	42879	43831	3.45%	0.250%
33	12.271	1685	1689	1691	rBV	318539	274275	21.58%	1.563%
34	12.330	1695	1699	1701	rBV3	43669	43196	3.40%	0.246%

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35	12.418	1712	1714	1718	rVB3	21816	19093	1.50%	0.109%
36	12.460	1718	1721	1723	rBV3	46763	61829	4.86%	0.352%
37	12.483	1723	1725	1727	rVB2	49331	43335	3.41%	0.247%
38	12.542	1733	1735	1736	rBV2	20263	18532	1.46%	0.106%
39	12.571	1737	1740	1743	rVB4	44741	49027	3.86%	0.279%
40	12.630	1748	1750	1753	rVB3	34011	32792	2.58%	0.187%
41	12.671	1753	1757	1759	rBV2	86081	129814	10.21%	0.740%
42	12.695	1759	1761	1763	rVV	47370	40180	3.16%	0.229%
43	12.724	1763	1766	1768	rVV2	24219	27089	2.13%	0.154%
44	12.748	1768	1770	1772	rVB2	73615	59017	4.64%	0.336%
45	12.771	1772	1774	1776	rBV2	42224	33698	2.65%	0.192%
46	12.813	1777	1781	1783	rBV3	102548	116249	9.14%	0.663%
47	12.836	1783	1785	1788	rBV2	73119	80055	6.30%	0.456%
48	12.895	1793	1795	1797	rBV2	101596	106636	8.39%	0.608%
49	12.942	1801	1803	1809	rVB4	36442	48626	3.83%	0.277%
50	13.007	1811	1814	1817	rBV2	101430	129600	10.19%	0.739%
51	13.071	1820	1825	1829	rVB	1303812	1271247	100.00%	7.246%
52	13.148	1836	1838	1841	rVB	53878	49592	3.90%	0.283%
53	13.177	1841	1843	1847	rVB4	62183	64746	5.09%	0.369%
54	13.218	1847	1850	1853	rBV2	116501	118831	9.35%	0.677%
55	13.254	1853	1856	1858	rBV3	70220	94441	7.43%	0.538%
56	13.277	1858	1860	1862	rVB2	86721	66503	5.23%	0.379%
57	13.301	1862	1864	1865	rBV2	43285	35013	2.75%	0.200%
58	13.348	1870	1872	1874	rVB	60814	46530	3.66%	0.265%
59	13.371	1874	1876	1881	rVB4	100412	141935	11.17%	0.809%
60	13.412	1881	1883	1885	rBV3	43612	39485	3.11%	0.225%
61	13.442	1885	1888	1889	rBV2	83066	68220	5.37%	0.389%
62	13.460	1889	1891	1893	rVB2	64162	47775	3.76%	0.272%
63	13.489	1893	1896	1900	rBV5	100961	121101	9.53%	0.690%
64	13.536	1901	1904	1907	rBV3	105797	152102	11.96%	0.867%
65	13.595	1912	1914	1916	rVB2	60956	41668	3.28%	0.238%
66	13.660	1922	1925	1929	rBV3	68311	78648	6.19%	0.448%
67	13.765	1940	1943	1945	rBV4	92622	114446	9.00%	0.652%
68	13.789	1945	1947	1952	rVV3	118944	138703	10.91%	0.791%
69	13.854	1952	1958	1962	rVV6	124811	233703	18.38%	1.332%
70	13.971	1975	1978	1980	rVB2	67867	54349	4.28%	0.310%
71	14.030	1986	1988	1991	rVB3	79436	58952	4.64%	0.336%

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72	14.136	2001	2006	2015	rVB	550552	801483	63.05%	4.569%
73	14.277	2027	2030	2036	rVB3	107201	126688	9.97%	0.722%
74	14.336	2036	2040	2041	rBV2	81074	99484	7.83%	0.567%
75	14.354	2041	2043	2048	rVV4	82625	137344	10.80%	0.783%
76	14.395	2048	2050	2052	rVV2	49100	43442	3.42%	0.248%
77	14.430	2054	2056	2058	rVV2	90771	71671	5.64%	0.409%
78	14.454	2058	2060	2066	rVB2	145050	141802	11.15%	0.808%
79	14.518	2068	2071	2074	rBV4	61374	67592	5.32%	0.385%
80	14.583	2079	2082	2087	rVB5	68321	106343	8.37%	0.606%
81	14.636	2088	2091	2093	rBV3	110545	126620	9.96%	0.722%
82	14.818	2119	2122	2127	rBV3	55521	84454	6.64%	0.481%
83	14.954	2142	2145	2148	rBV3	52334	69466	5.46%	0.396%
84	15.159	2178	2180	2187	rVB3	44101	63192	4.97%	0.360%
85	15.671	2262	2267	2272	rVB	330306	417058	32.81%	2.377%

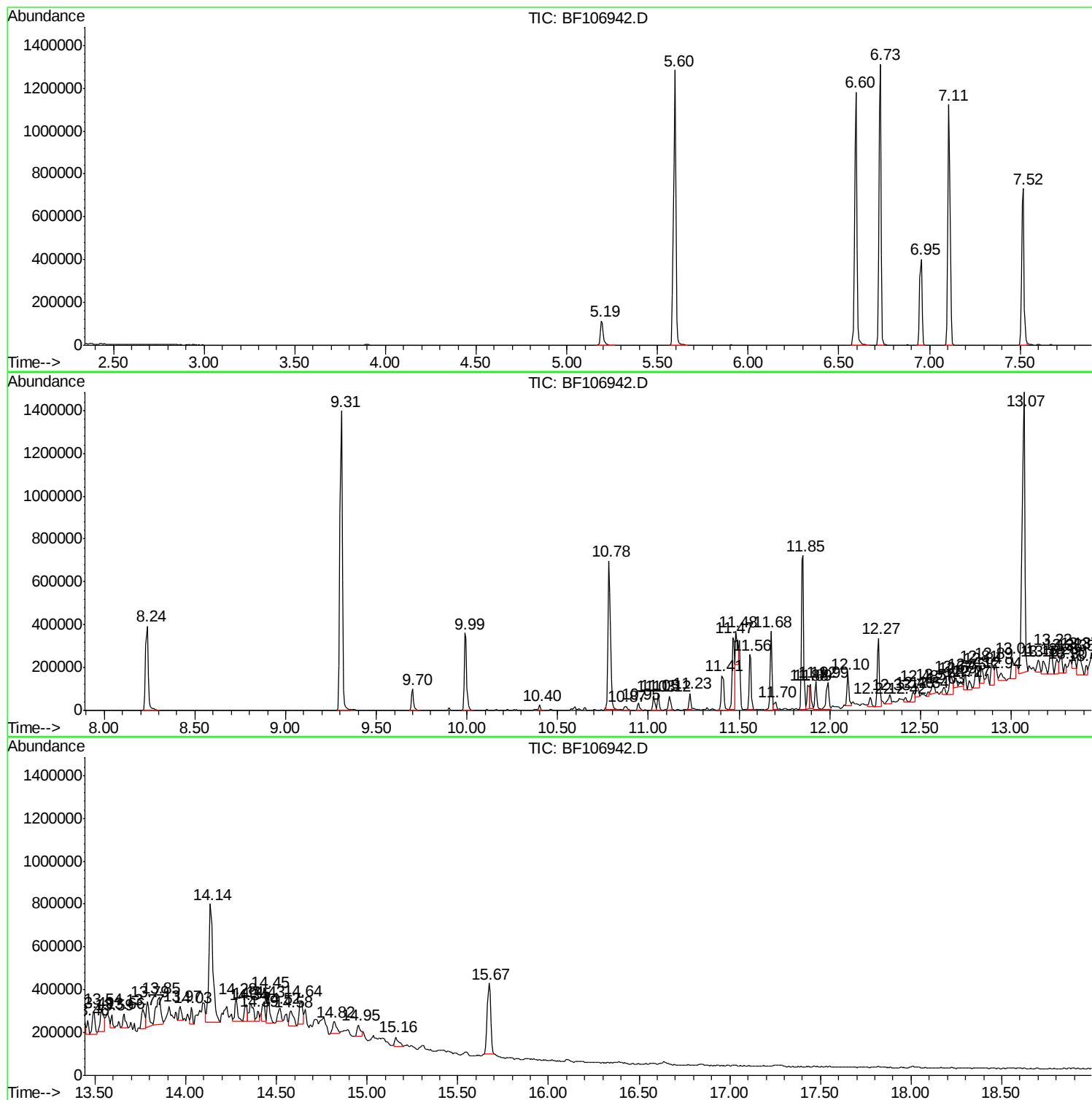
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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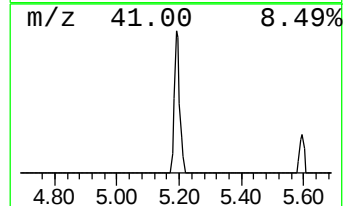
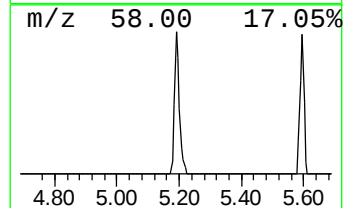
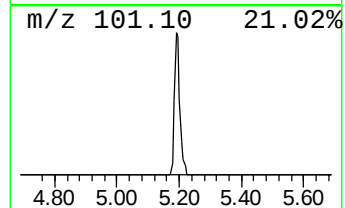
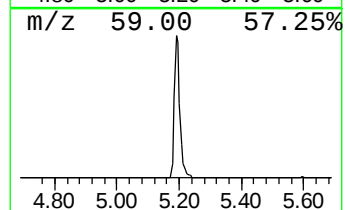
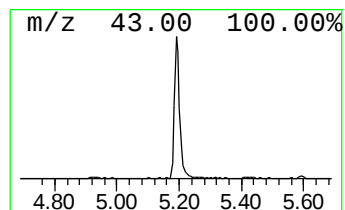
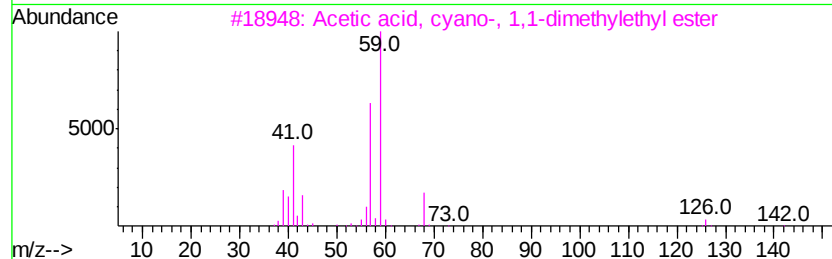
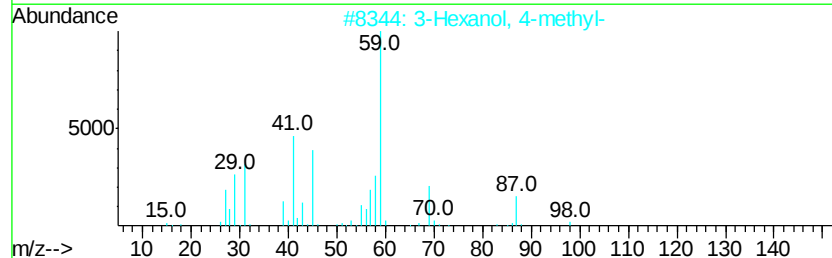
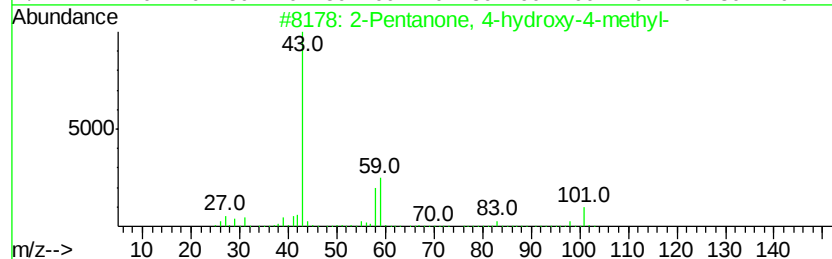
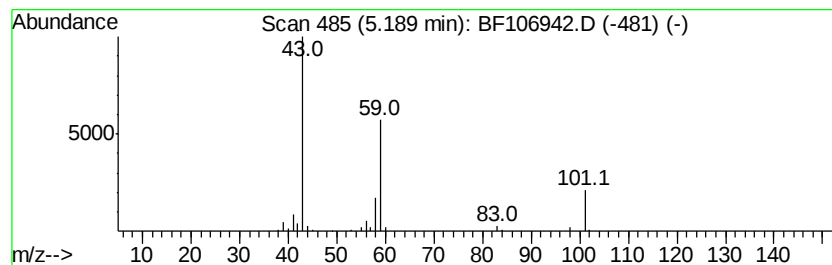
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	8.42 ng	138610	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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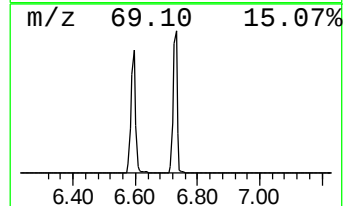
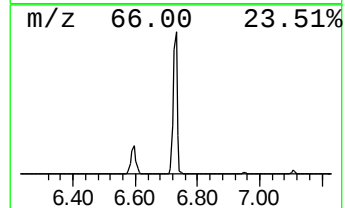
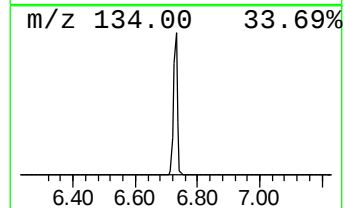
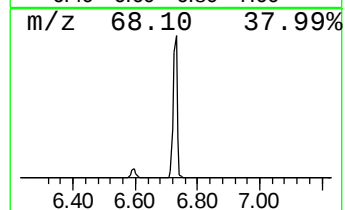
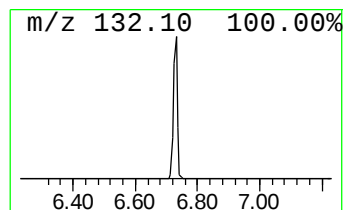
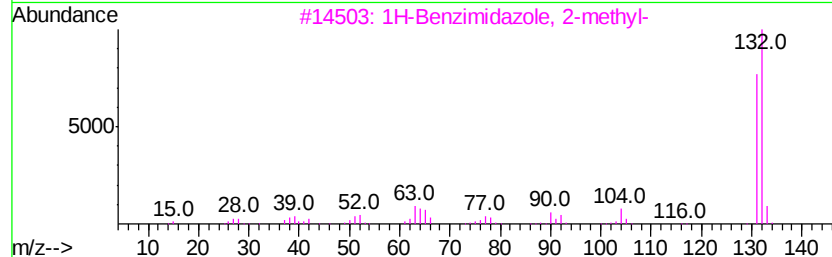
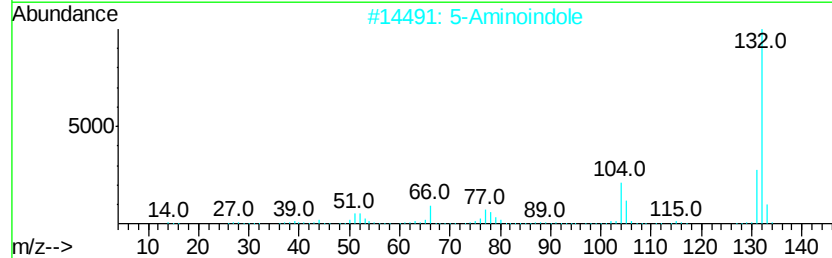
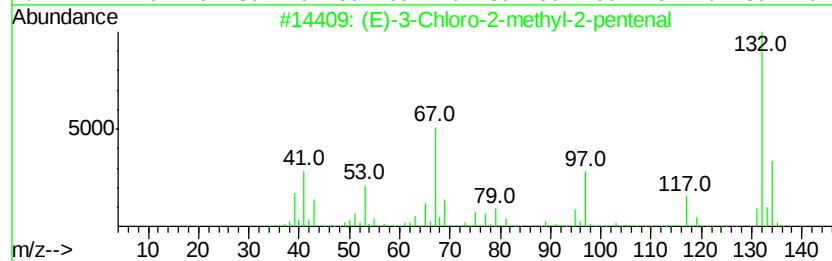
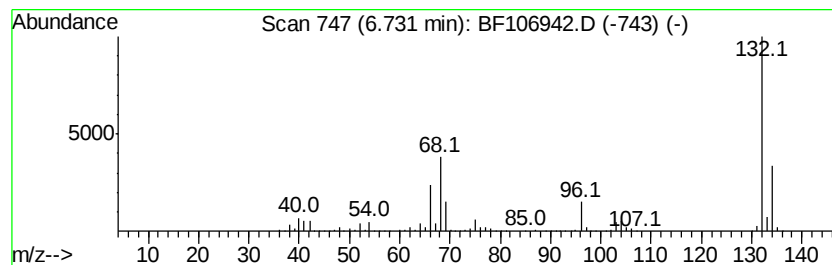
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	71.03 ng	1169220	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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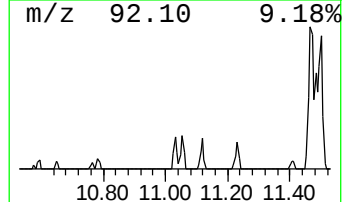
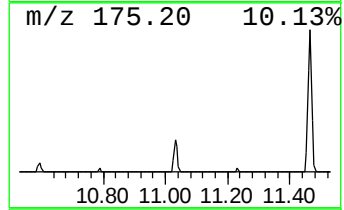
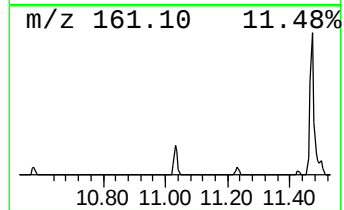
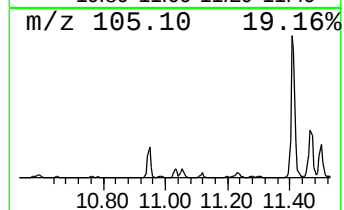
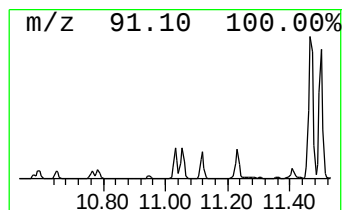
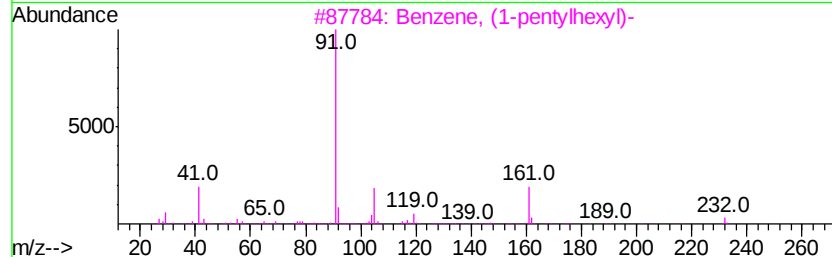
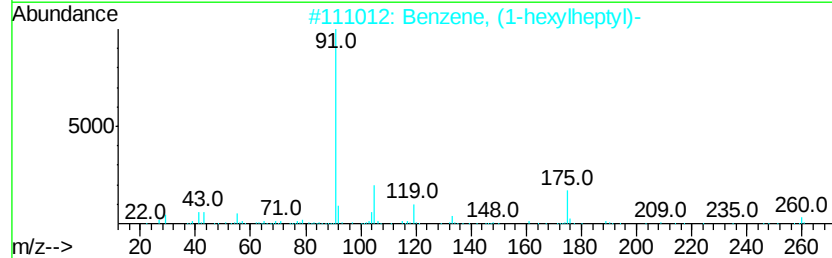
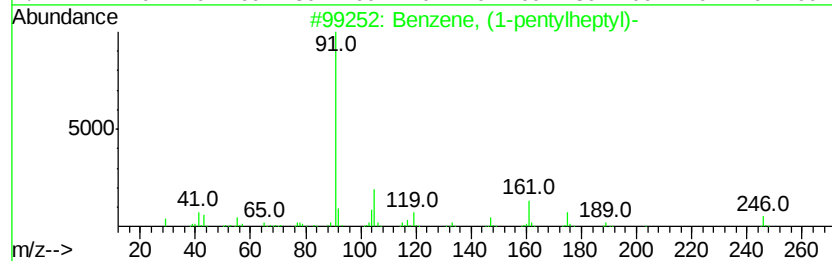
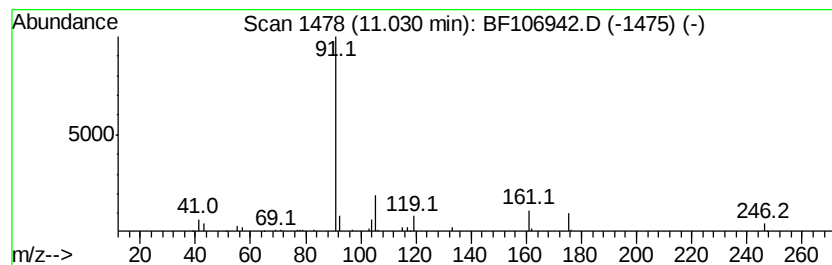
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1-pentylheptyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	8.60 ng	53273	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	97
2		Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	64
3		Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	59
4		Benzene, (1-pentylloctyl)-	260	C19H32	004534-49-0	59
5		Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	43



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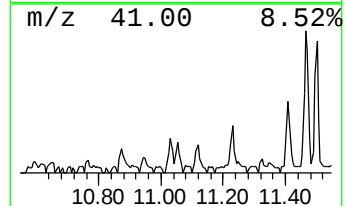
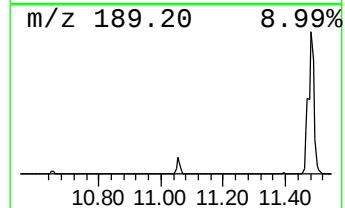
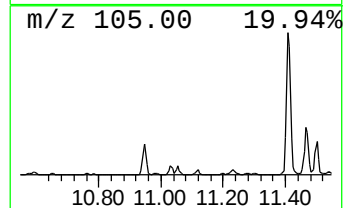
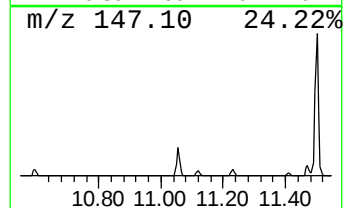
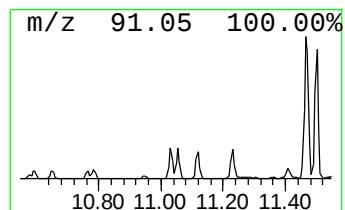
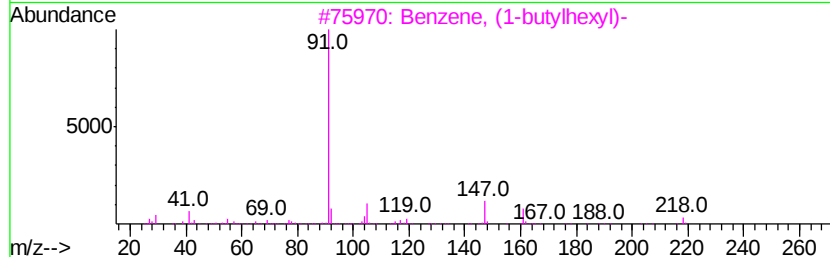
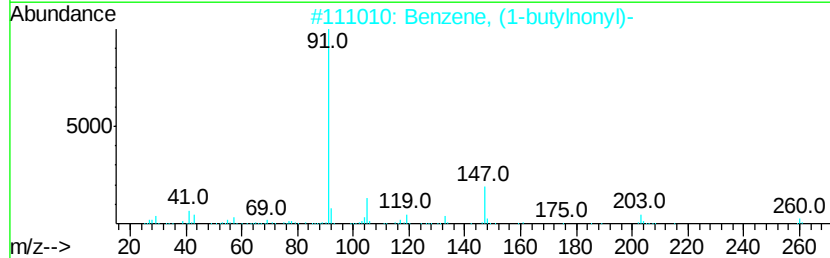
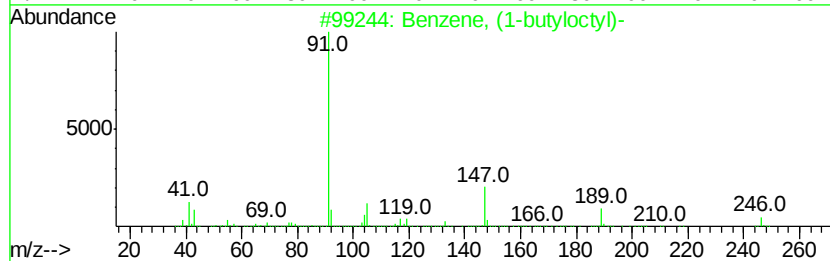
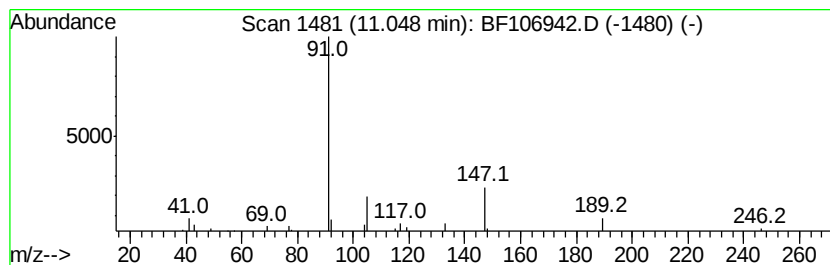
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ClientSampleId :
WS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, (1-butyloctyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.05	8.58 ng	53173	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butyl-octyl)-	246	C18H30	002719-63-3	95
2	Benzene, (1-butyl-nonyl)-	260	C19H32	004534-50-3	64
3	Benzene, (1-butyl-hexyl)-	218	C16H26	004537-11-5	59
4	Benzene, (1-butyl-heptyl)-	232	C17H28	004537-15-9	53
5	Benzene, (3,3-dimethyl-decyl)-	246	C18H30	055134-09-3	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106942.D
Acq On : 29 Jun 2018 00:57
Operator : JU/SJ
Sample : J3734-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-SOIL

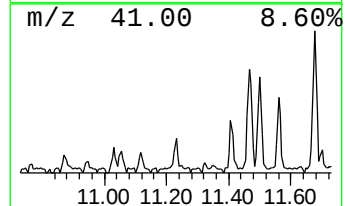
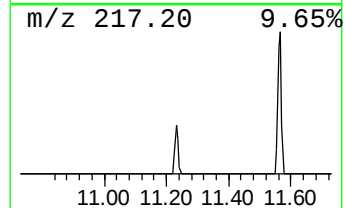
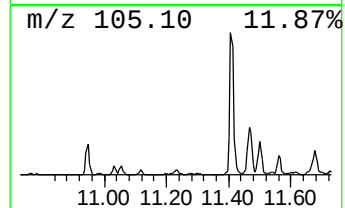
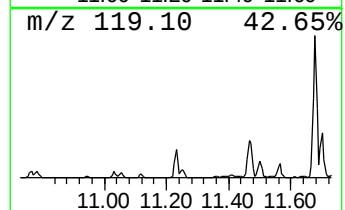
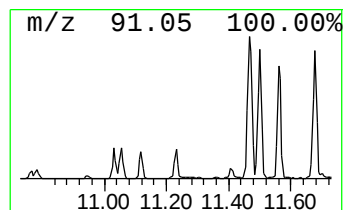
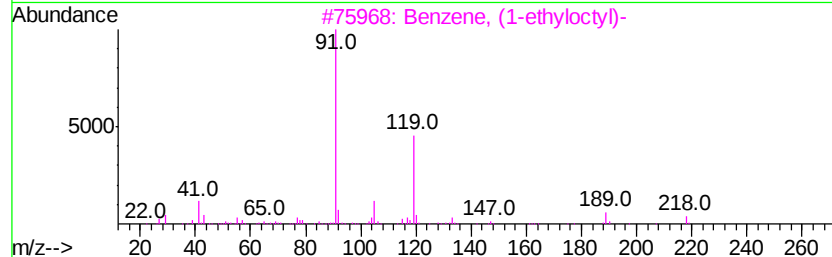
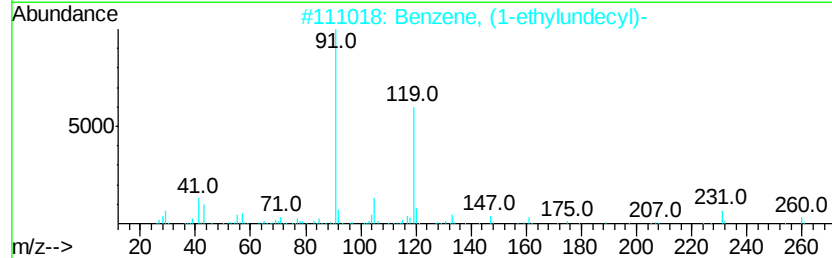
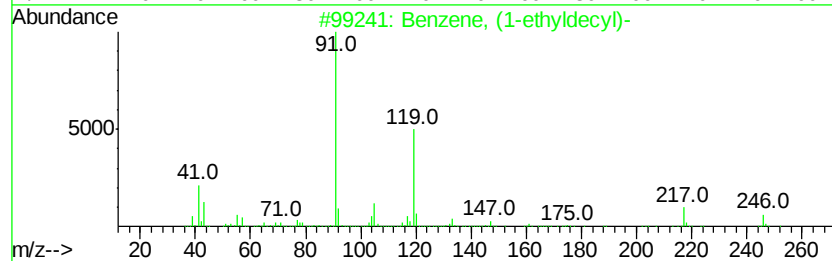
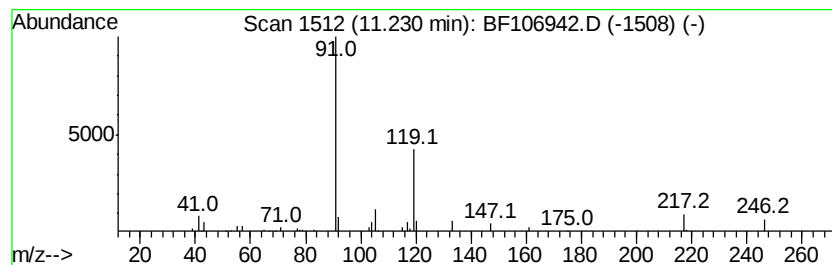
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, (1-ethyldecyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	9.50 ng	58843	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	93
2	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	80
3	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	72
4	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	64
5	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106942.D
Acq On : 29 Jun 2018 00:57
Operator : JU/SJ
Sample : J3734-01
Misc :
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Instrument :
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ClientSampleId :
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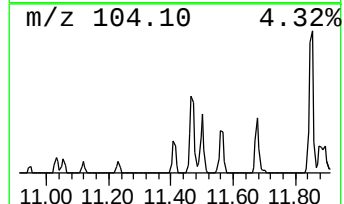
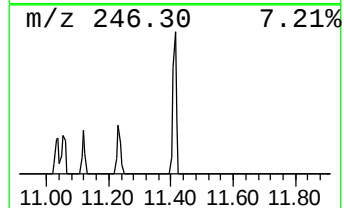
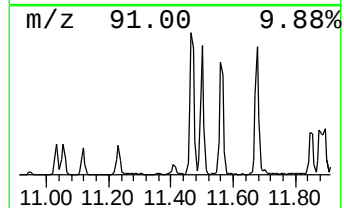
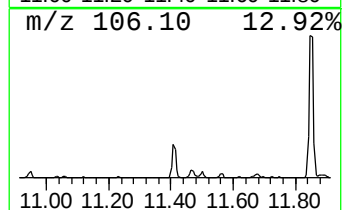
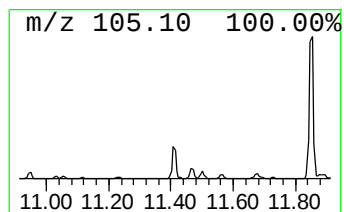
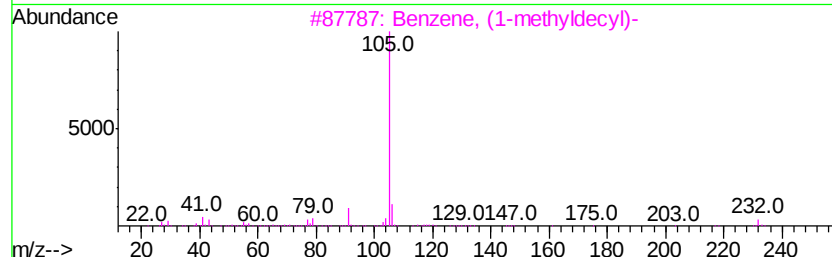
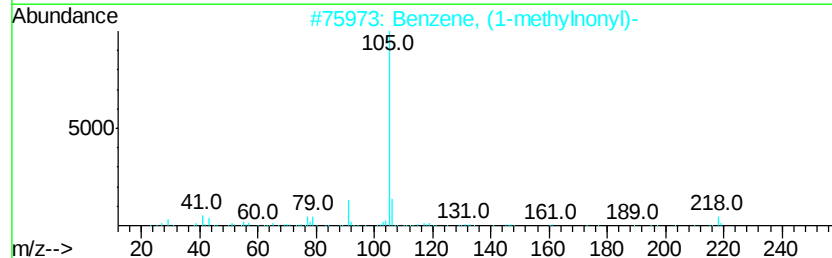
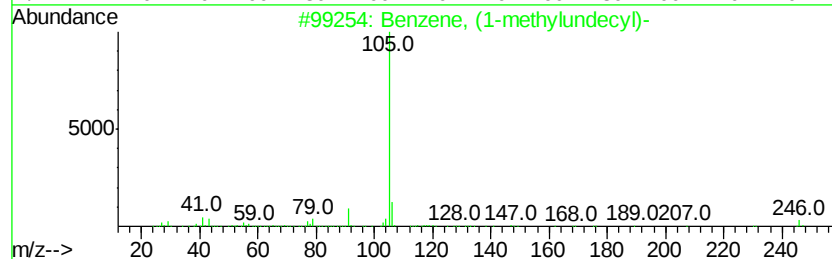
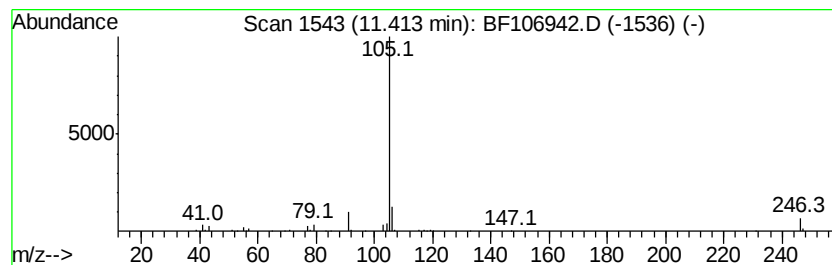
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (1-methylundecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	23.62 ng	146299	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	97
2		Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
3		Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
4		Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
5		Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106942.D
Acq On : 29 Jun 2018 00:57
Operator : JU/SJ
Sample : J3734-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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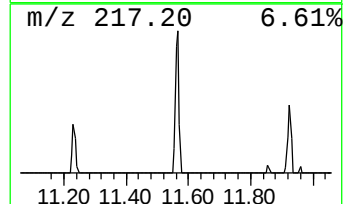
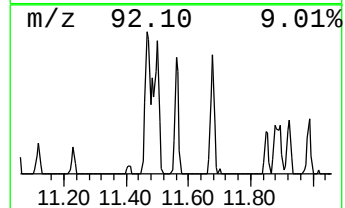
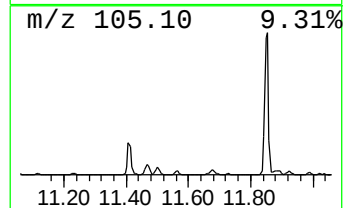
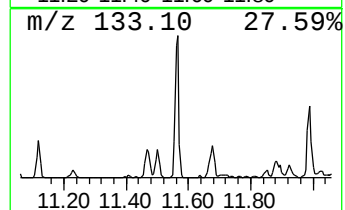
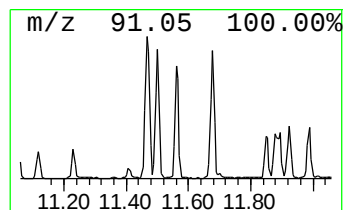
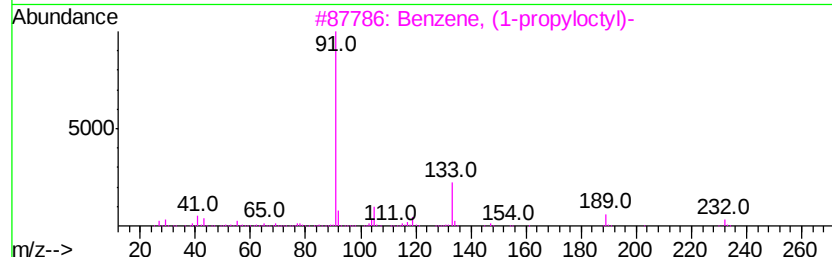
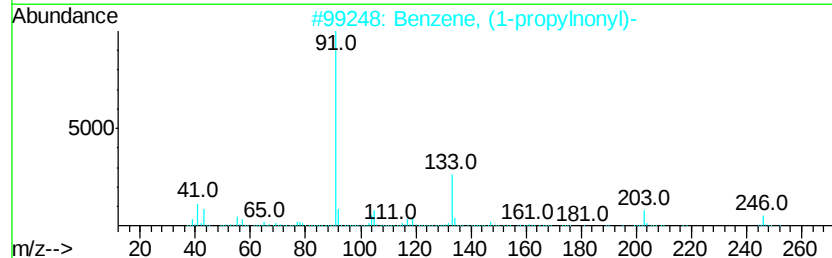
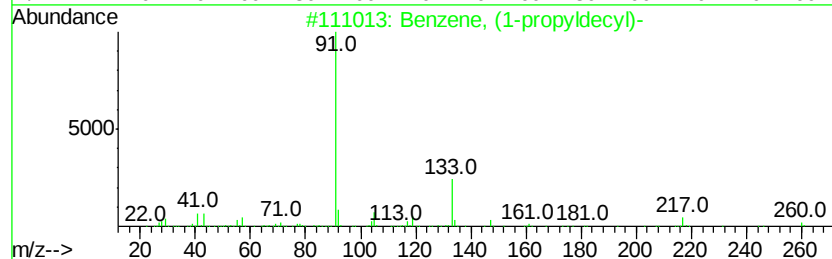
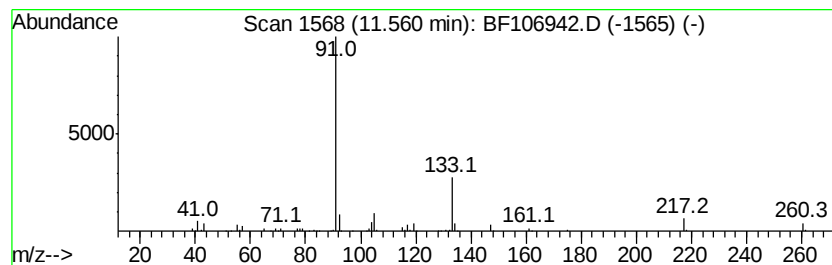
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (1-propyldecyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	35.86 ng	222136	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	95
2		Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	80
3		Benzene, (1-propylloctyl)-	232	C17H28	004536-86-1	72
4		Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	72
5		Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106942.D
Acq On : 29 Jun 2018 00:57
Operator : JU/SJ
Sample : J3734-01
Misc :
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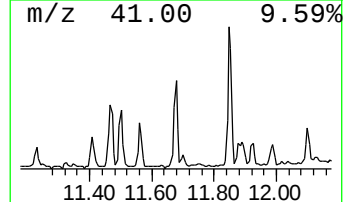
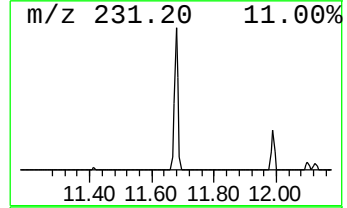
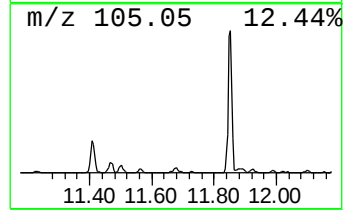
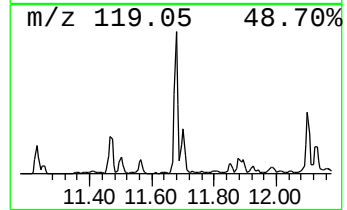
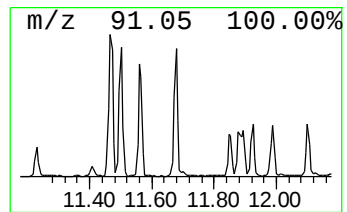
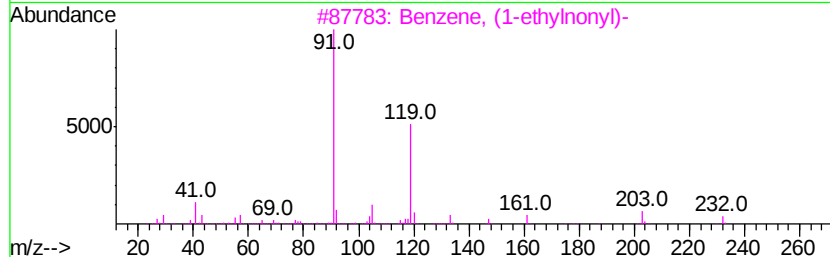
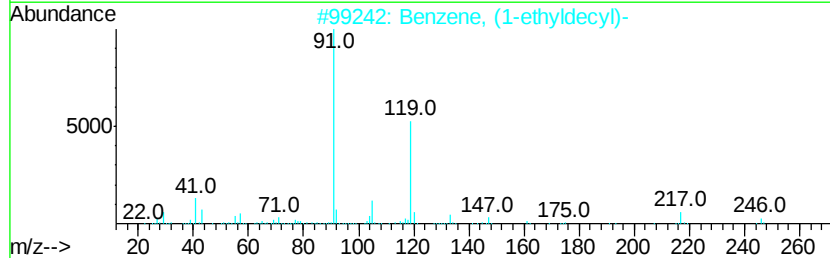
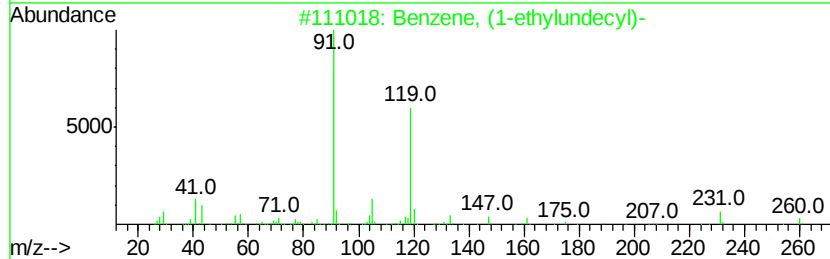
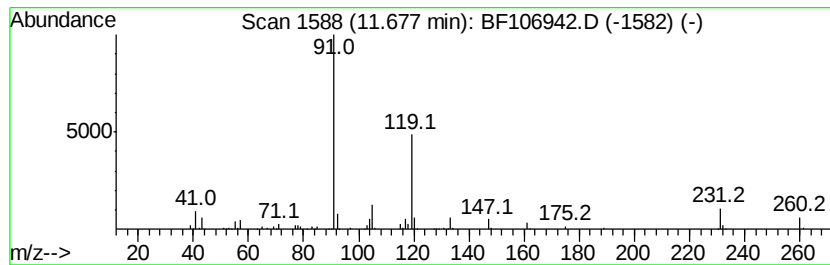
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (1-ethylundecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	47.86 ng	296441	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	94
2		Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	72
3		Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	72
4		Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	64
5		Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106942.D
Acq On : 29 Jun 2018 00:57
Operator : JU/SJ
Sample : J3734-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WS-SOIL

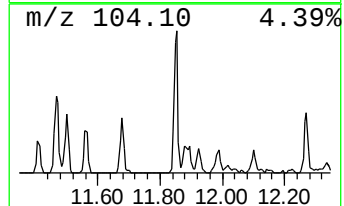
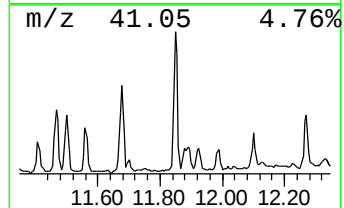
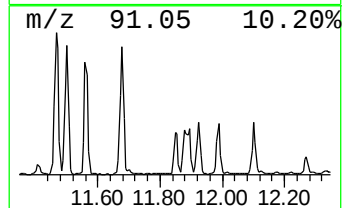
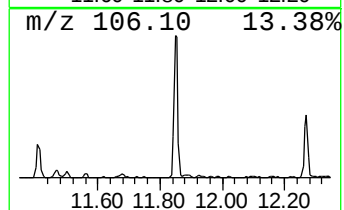
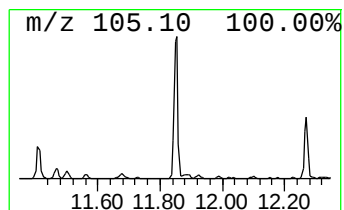
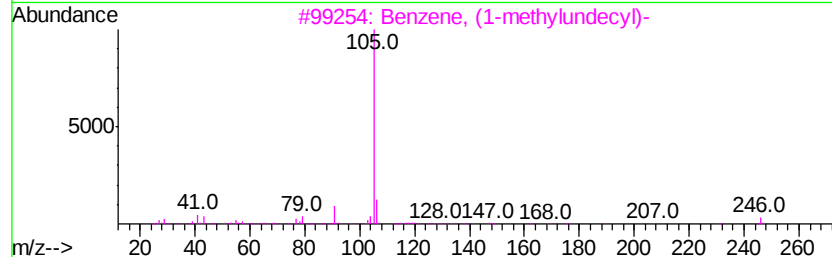
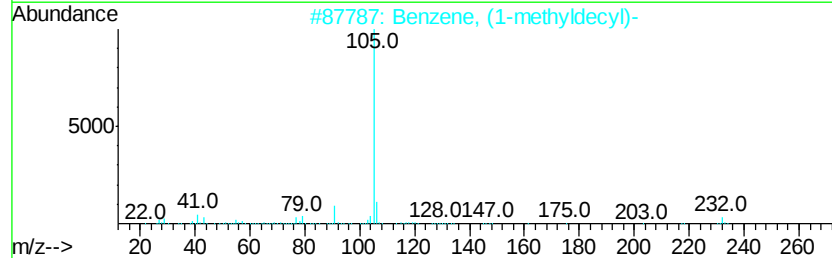
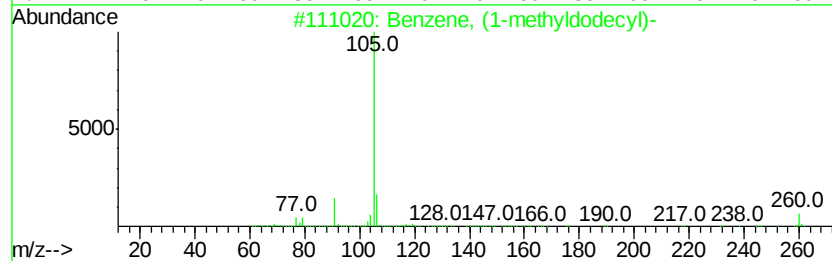
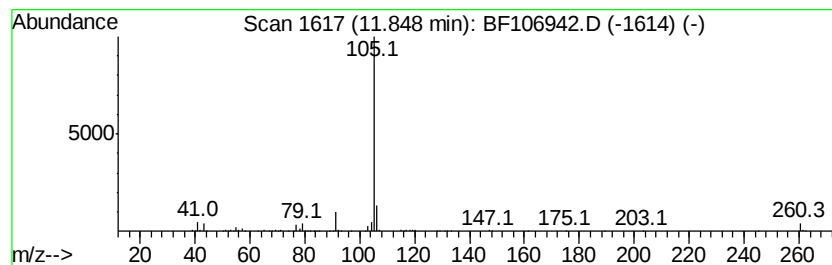
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, (1-methyldodecyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	103.79 ng	642913	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	87
2		Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
3		Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
4		Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
5		3-Benzoyl-4-benzyl-2-t-butyl-4-m...	351	C22H25NO3	1000193-73-3	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106942.D
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Sample : J3734-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
WS-SOIL

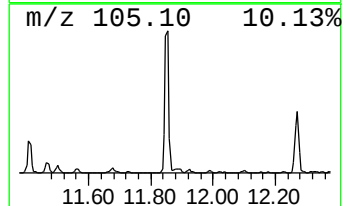
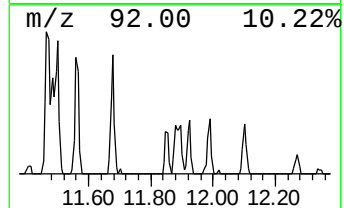
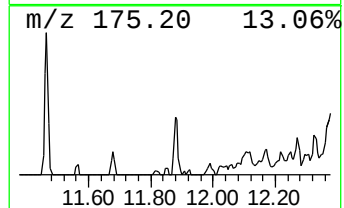
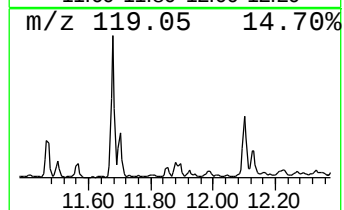
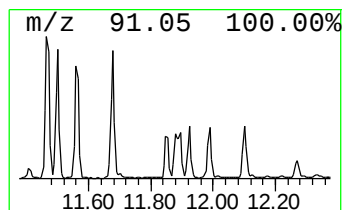
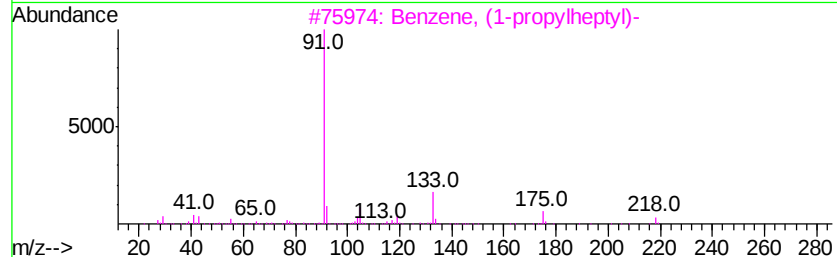
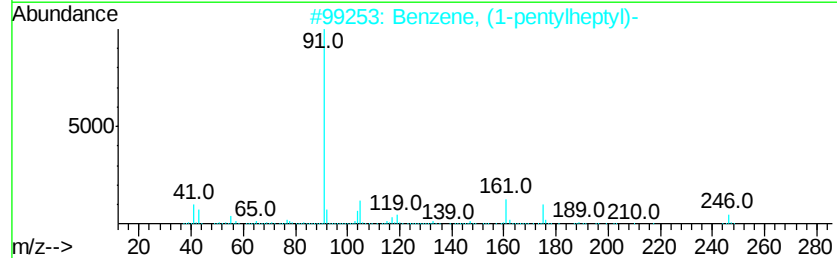
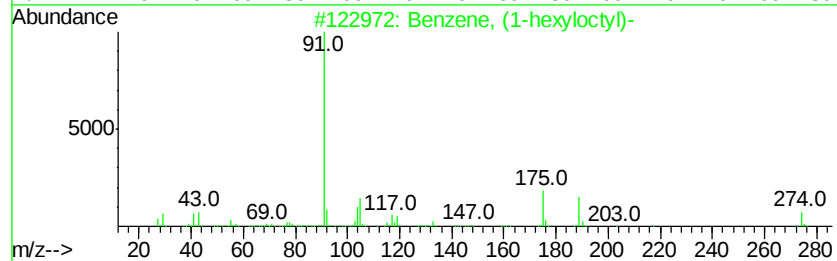
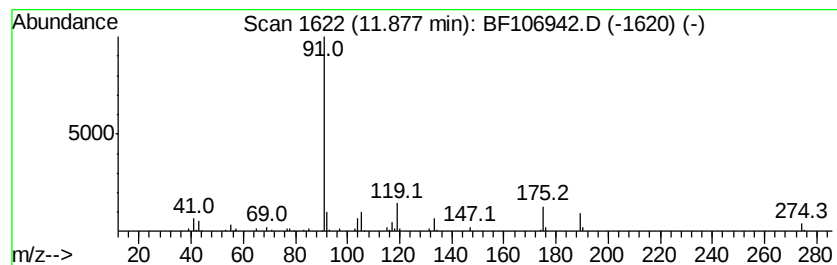
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, (1-hexyloctyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	19.93 ng	123482	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-hexyloctyl)-	274	C20H34	004534-54-7	89
2		Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	53
3		Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	50
4		Benzene, (1-butylloctyl)-	246	C18H30	002719-63-3	50
5		1H-Tetrazol-5-amine, 1-(phenylme...	175	C8H9N5	031694-90-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106942.D
Acq On : 29 Jun 2018 00:57
Operator : JU/SJ
Sample : J3734-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.89 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.00 ng	55724	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethylheptyl)-	204	C15H24	020216-87-9	22
2			N-[1,2,3-Benzotriazin-4-yl]-N'-m...	203	C9H9N5O	1000254-70-7	11
3			Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	10
4			Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	10
5			Acetamide, 2,2,2-trifluoro-N-(ph...	203	C9H8F3NO	007387-69-1	9

