

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\
 Data File : BF111096.D
 Acq On : 29 Nov 2018 17:52
 Operator : JU/SJ
 Sample : J5767-19 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-112818-B

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-BF112618.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	30	rVB	42636	66653	8.61%	0.624%
2	5.163	520	523	535	rBV	22568	41691	5.39%	0.390%
3	5.551	586	589	609	rBV	411190	627960	81.13%	5.881%
4	6.557	758	760	781	rBV	509468	774055	100.00%	7.250%
5	6.698	781	784	802	rVB	750194	767150	99.11%	7.185%
6	6.928	820	823	834	rBV	374506	396476	51.22%	3.713%
7	7.086	846	850	865	rBV	495214	529682	68.43%	4.961%
8	7.498	917	920	943	rBV	301971	457313	59.08%	4.283%
9	8.216	1038	1042	1059	rBV	445253	538336	69.55%	5.042%
10	9.280	1220	1223	1233	rBV	732284	756833	97.78%	7.088%
11	9.686	1289	1292	1301	rVB	41811	46206	5.97%	0.433%
12	9.839	1315	1318	1322	rBV	29925	28313	3.66%	0.265%
13	9.969	1337	1340	1352	rBV	563137	579424	74.86%	5.427%
14	10.533	1433	1436	1442	rVB	10770	11175	1.44%	0.105%
15	10.769	1473	1476	1487	rBV	377318	395043	51.04%	3.700%
16	10.851	1487	1490	1494	rVB3	9427	11768	1.52%	0.110%
17	11.469	1591	1595	1598	rBV	524697	473082	61.12%	4.431%
18	11.492	1598	1599	1605	rVV	108987	91756	11.85%	0.859%
19	11.557	1605	1610	1616	rVV	26802	32940	4.26%	0.309%
20	11.721	1633	1638	1642	rBV4	10954	14322	1.85%	0.134%
21	11.827	1654	1656	1661	rVB	10480	8296	1.07%	0.078%
22	11.969	1677	1680	1684	rBV2	57826	70082	9.05%	0.656%
23	12.004	1684	1686	1690	rVB	29745	26373	3.41%	0.247%
24	12.086	1697	1700	1703	rBV	31940	36519	4.72%	0.342%
25	12.268	1728	1731	1733	rBV	12918	12849	1.66%	0.120%
26	12.327	1738	1741	1746	rVB5	8082	10595	1.37%	0.099%
27	12.516	1769	1773	1779	rBV3	55553	80137	10.35%	0.751%
28	12.633	1790	1793	1797	rVB3	14935	17695	2.29%	0.166%
29	12.692	1799	1803	1807	rBV	228776	225479	29.13%	2.112%
30	12.751	1811	1813	1818	rBV3	28319	34821	4.50%	0.326%
31	12.792	1818	1820	1825	rVB	20796	19982	2.58%	0.187%
32	12.845	1826	1829	1830	rBV3	9549	8795	1.14%	0.082%
33	12.904	1835	1839	1840	rVV2	35419	41073	5.31%	0.385%
34	12.921	1840	1842	1848	rVV	231110	216234	27.94%	2.025%

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35	12.968	1848	1850	1853	rVB2	15473	15326	1.98%	0.144%
36	13.045	1860	1863	1867	rBV	628171	517167	66.81%	4.844%
37	13.145	1875	1880	1884	rVB2	20757	33669	4.35%	0.315%
38	13.186	1884	1887	1891	rBV3	7501	9267	1.20%	0.087%
39	13.251	1891	1898	1903	rBV2	48004	79300	10.24%	0.743%
40	13.315	1907	1909	1912	rVV	26257	25313	3.27%	0.237%
41	13.357	1912	1916	1923	rVB2	32531	44427	5.74%	0.416%
42	13.451	1929	1932	1935	rBV	26798	25489	3.29%	0.239%
43	13.480	1935	1937	1945	rVB3	22771	34380	4.44%	0.322%
44	13.592	1953	1956	1958	rBV2	16144	17164	2.22%	0.161%
45	13.821	1993	1995	1997	rVB2	10347	9475	1.22%	0.089%
46	13.857	1999	2001	2002	rBV2	9679	8520	1.10%	0.080%
47	13.880	2002	2005	2006	rVV	31517	30080	3.89%	0.282%
48	13.898	2006	2008	2009	rVV	34909	30862	3.99%	0.289%
49	13.921	2009	2012	2020	rVV4	85983	154126	19.91%	1.443%
50	13.986	2021	2023	2028	rVB	24219	25860	3.34%	0.242%
51	14.127	2041	2047	2049	rBV2	493661	630878	81.50%	5.909%
52	14.151	2049	2051	2058	rVB	145420	150697	19.47%	1.411%
53	14.233	2062	2065	2068	rVB	50223	47321	6.11%	0.443%
54	14.292	2073	2075	2078	rVV2	22756	22087	2.85%	0.207%
55	14.515	2111	2113	2115	rBV	31533	21916	2.83%	0.205%
56	14.539	2115	2117	2122	rVB2	43705	51208	6.62%	0.480%
57	14.851	2167	2170	2173	rBV2	88878	93825	12.12%	0.879%
58	15.204	2226	2230	2233	rBV2	179870	244442	31.58%	2.289%
59	15.321	2248	2250	2257	rVB	30275	38974	5.04%	0.365%
60	15.527	2282	2285	2293	rBV	66659	90281	11.66%	0.846%
61	15.598	2293	2297	2303	rVB2	131248	181436	23.44%	1.699%
62	15.656	2303	2307	2312	rBV	244514	331677	42.85%	3.106%
63	16.039	2368	2372	2377	rVB	51144	81143	10.48%	0.760%
64	16.562	2456	2461	2466	rVB3	30222	50295	6.50%	0.471%
65	17.251	2575	2578	2587	rVB3	32356	65498	8.46%	0.613%
66	17.745	2658	2662	2671	rVB2	28217	66133	8.54%	0.619%

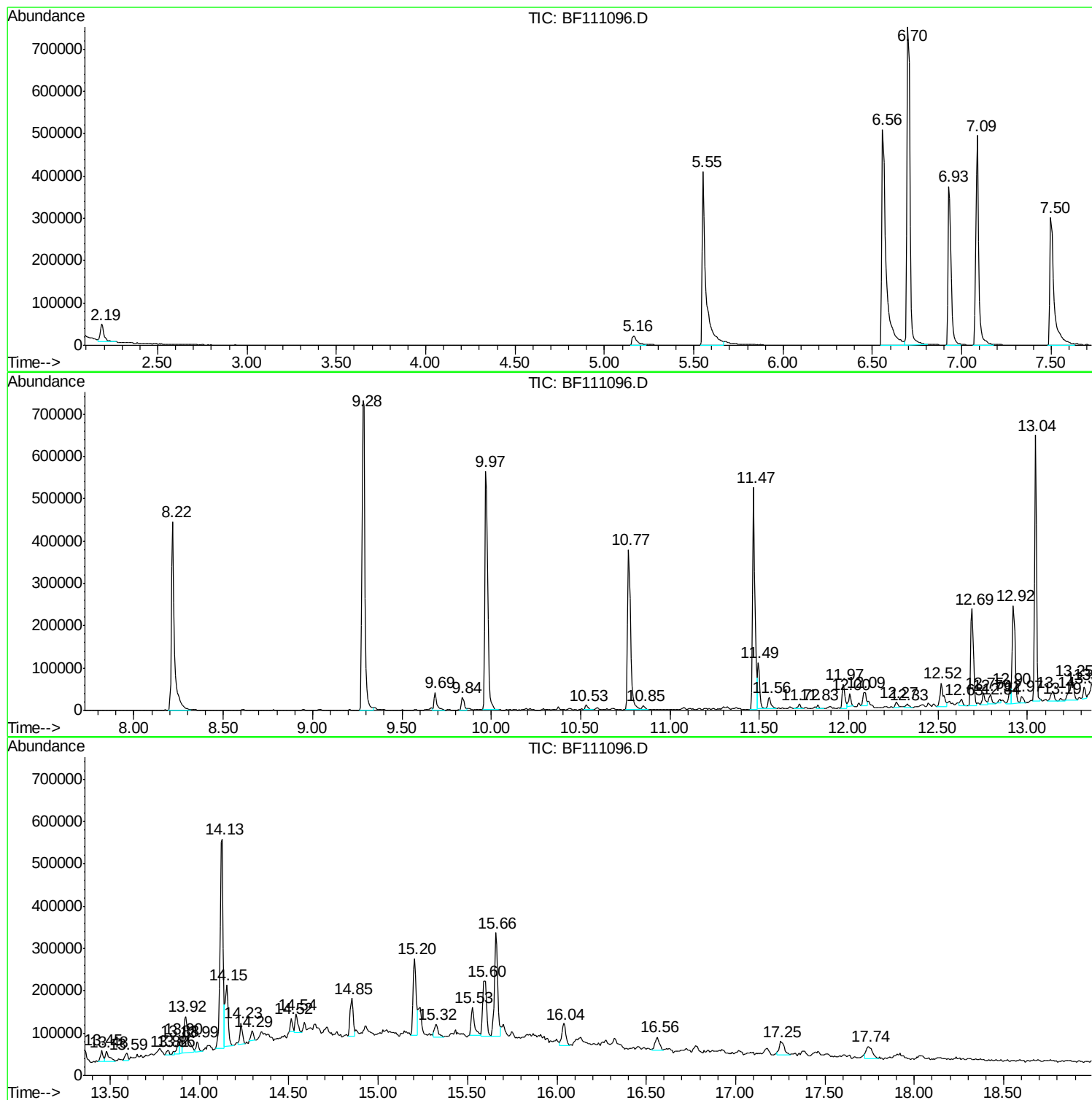
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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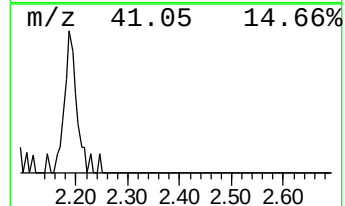
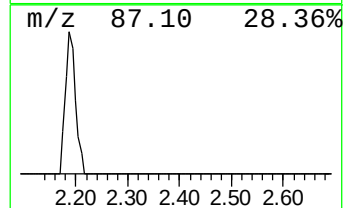
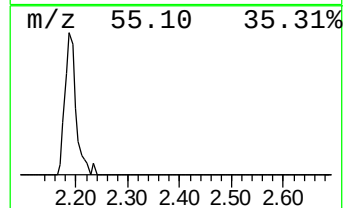
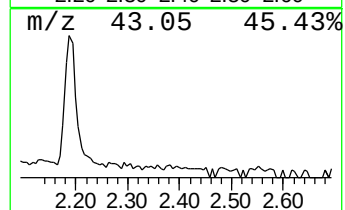
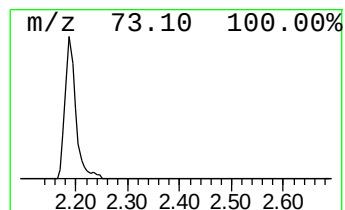
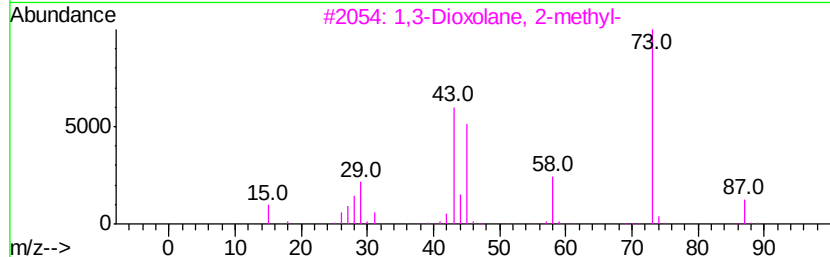
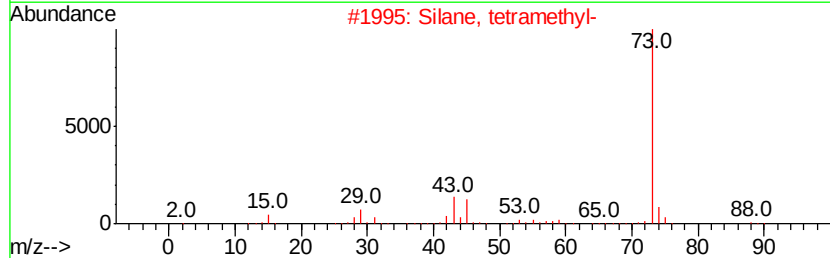
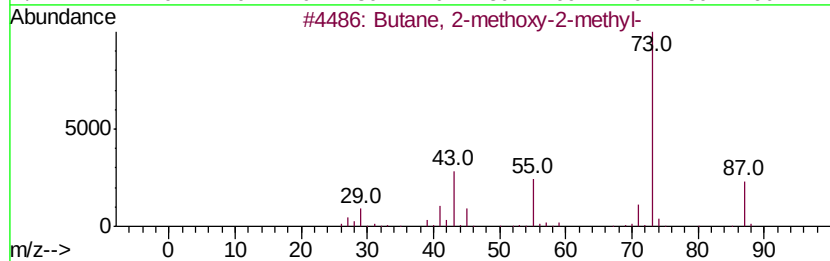
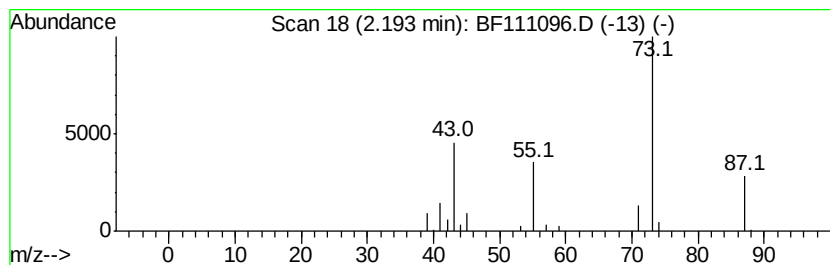
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	3.36 ng	66653	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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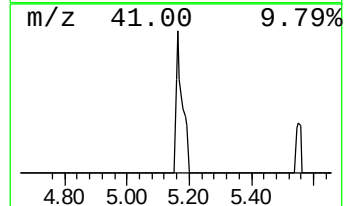
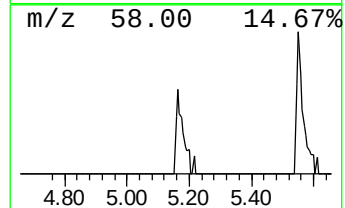
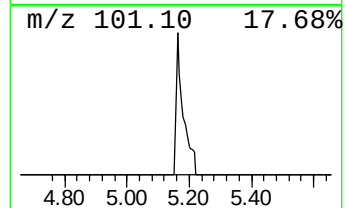
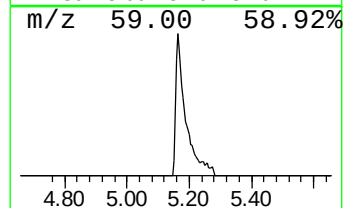
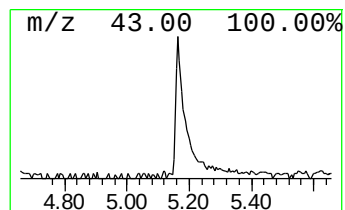
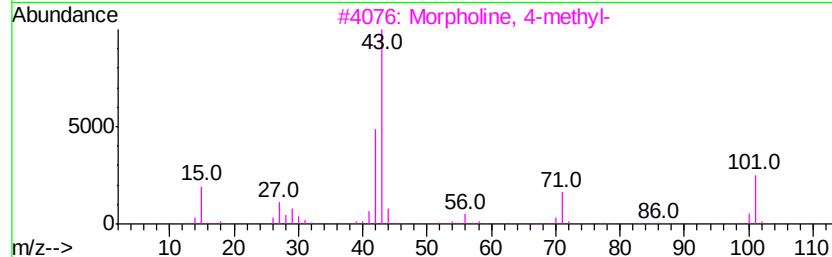
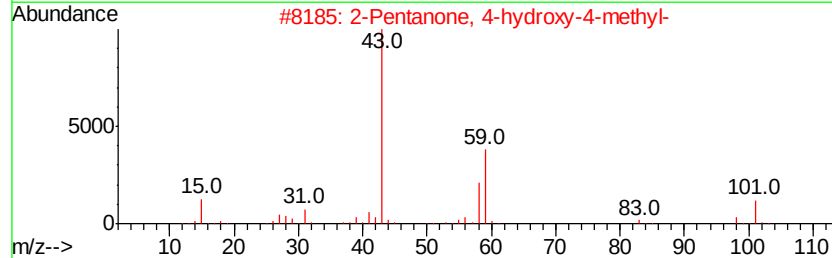
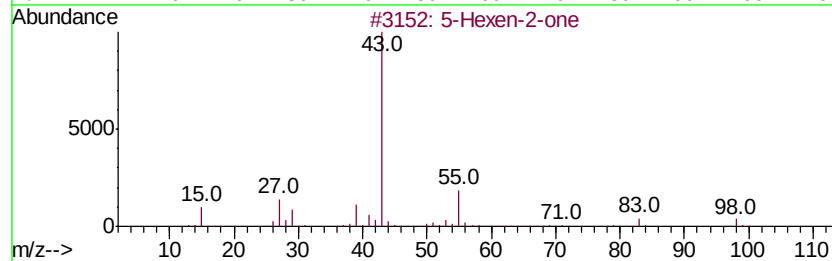
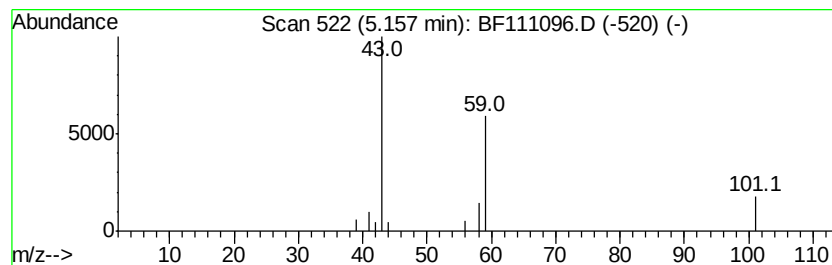
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.16 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.10 ng	41691	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Hexen-2-one	98	C6H10O	000109-49-9	9
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
4		Diacetamide	101	C4H7NO2	000625-77-4	5
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	4



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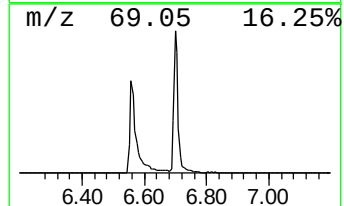
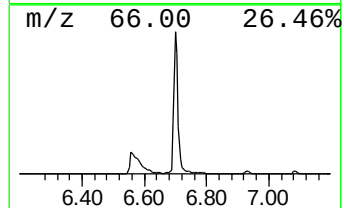
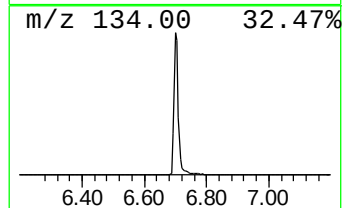
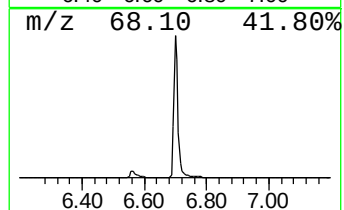
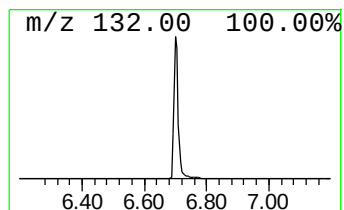
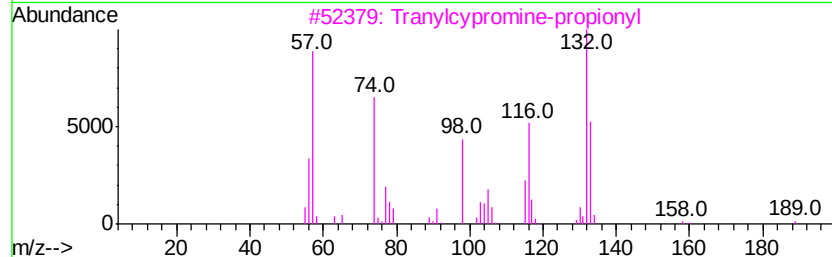
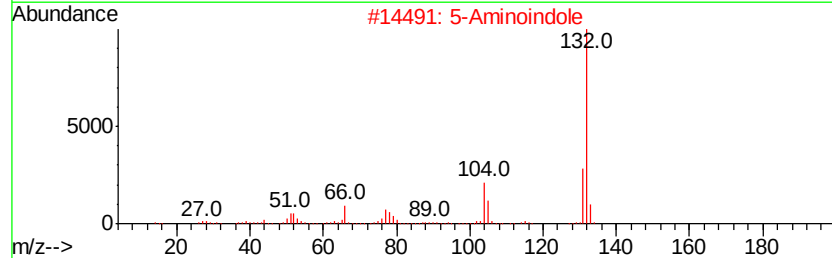
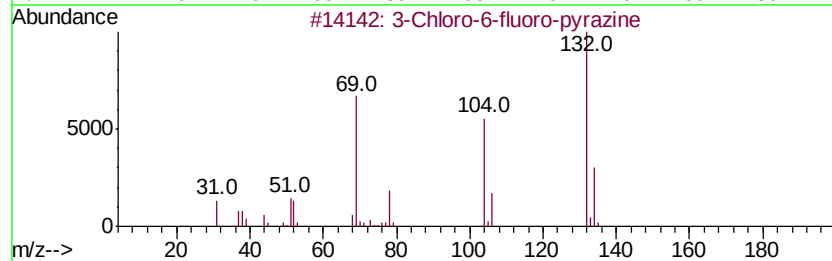
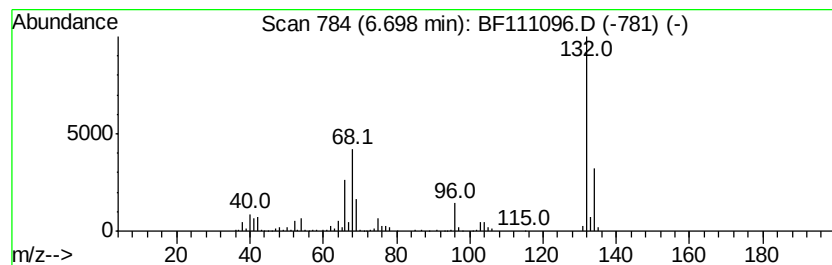
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	38.70 ng	767150	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypromine-propionvl	189	C12H15NO	1000123-86-3	10
4			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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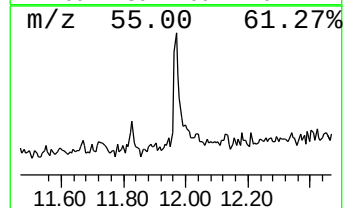
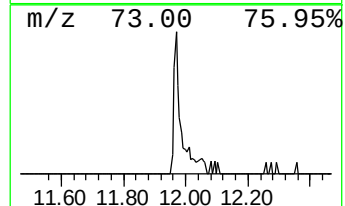
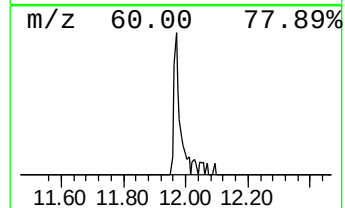
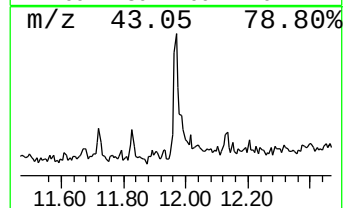
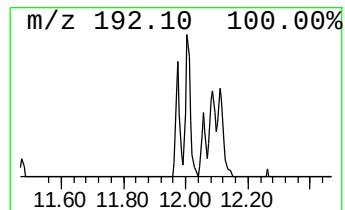
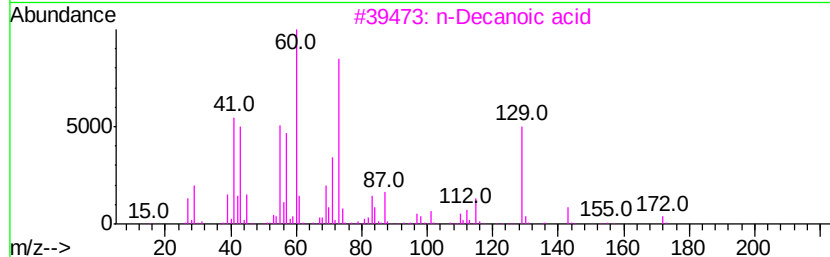
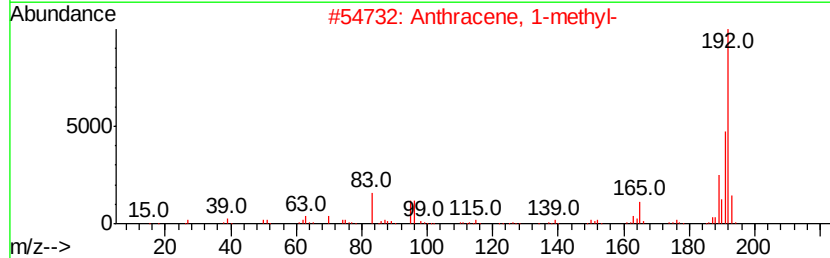
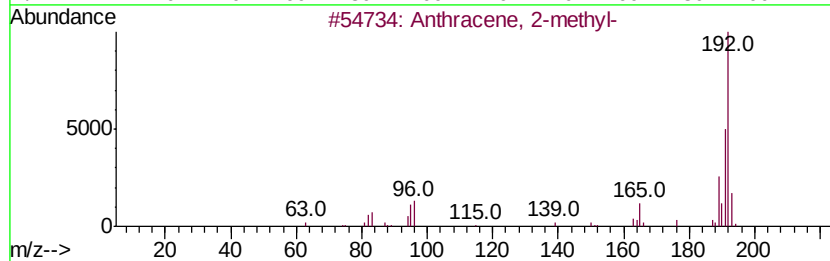
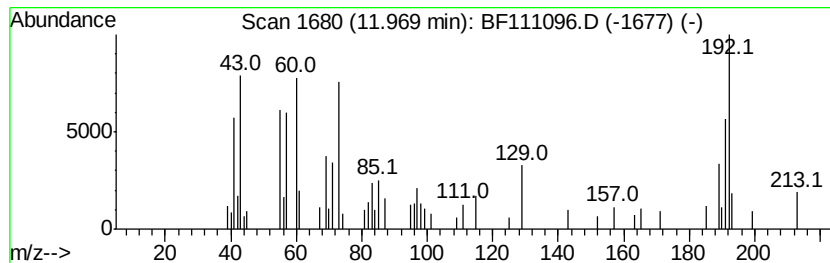
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	2.96 ng	70082	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
3	n-Decanoic acid	172	C10H20O2	000334-48-5	27
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	27
5	3,5 (4H,8H)-Dihydro-8-thia-1,3-d...	192	C9H8N2OS	014346-25-9	25



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Misc :
ALS Vial : 11 Sample Multiplier: 1

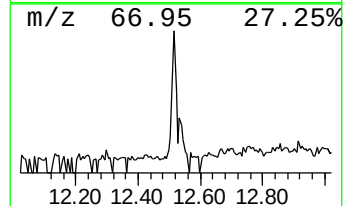
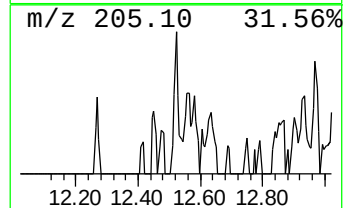
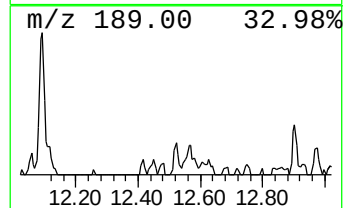
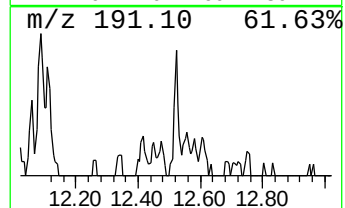
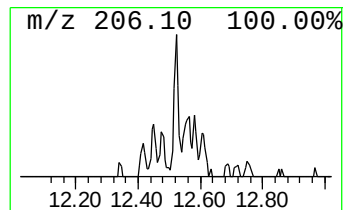
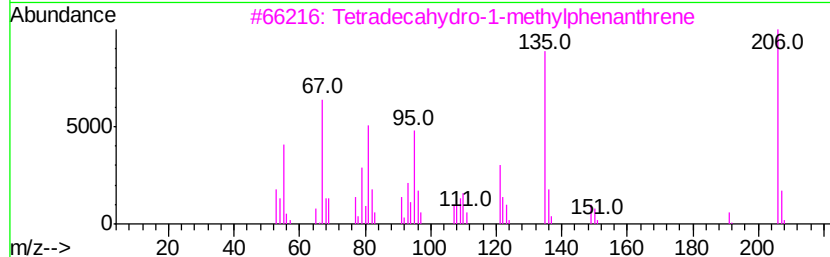
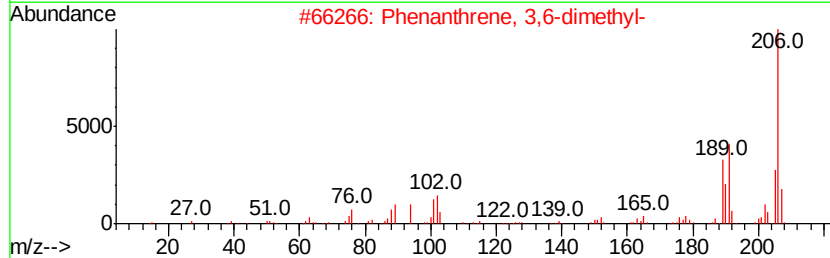
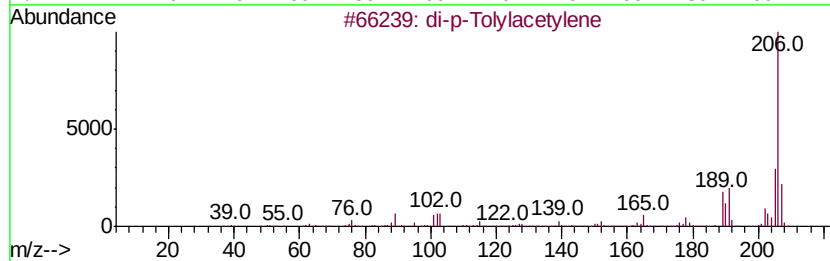
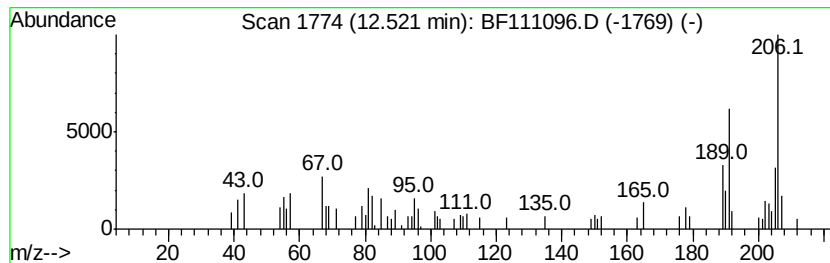
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	3.39 ng	80137	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylvene	206	C16H14	002789-88-0	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
3	Tetradecahydro-1-methylphenanthrene	206	C15H26	1000080-19-6	53
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	50
5	1,E-8,Z-10-Pentadecatriene	206	C15H26	080625-32-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111096.D
Acq On : 29 Nov 2018 17:52
Operator : JU/SJ
Sample : J5767-19 2X
Misc :
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Instrument :
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ClientSampleId :
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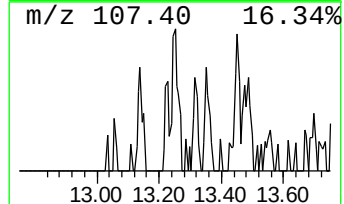
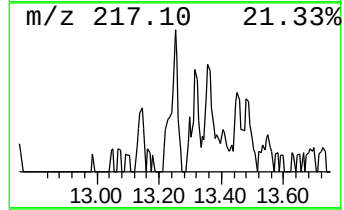
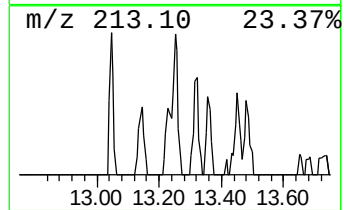
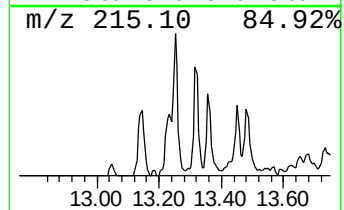
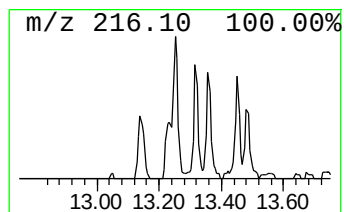
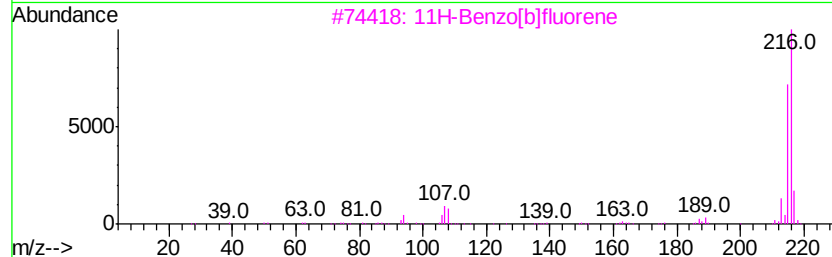
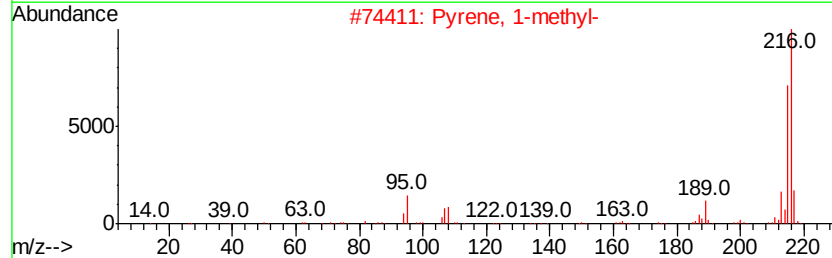
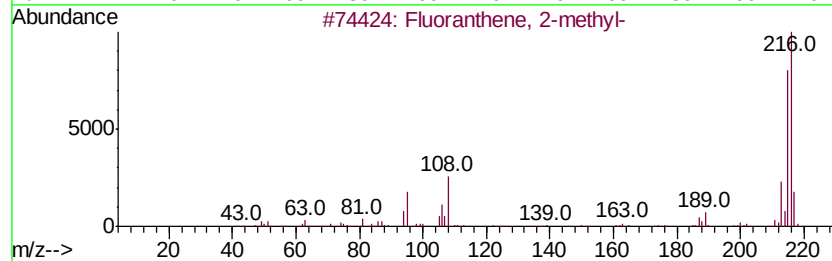
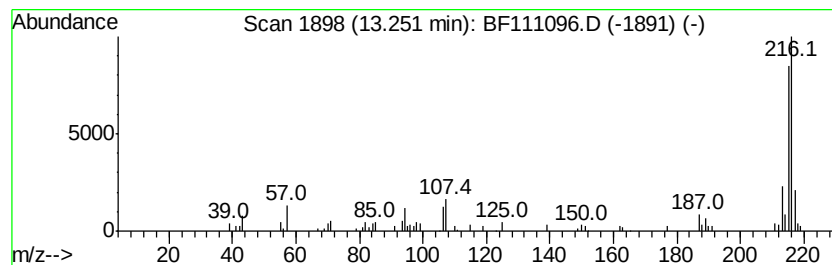
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.51 ng	79300	Chrysene-d12	14.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111096.D
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Sample : J5767-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

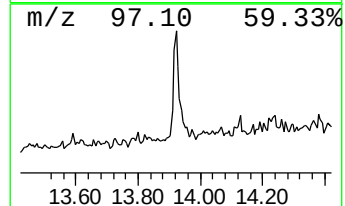
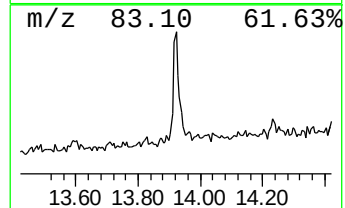
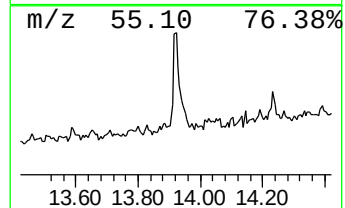
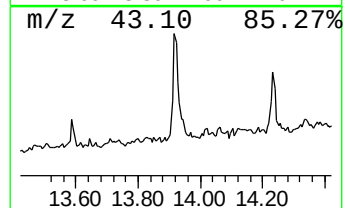
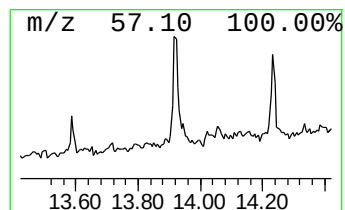
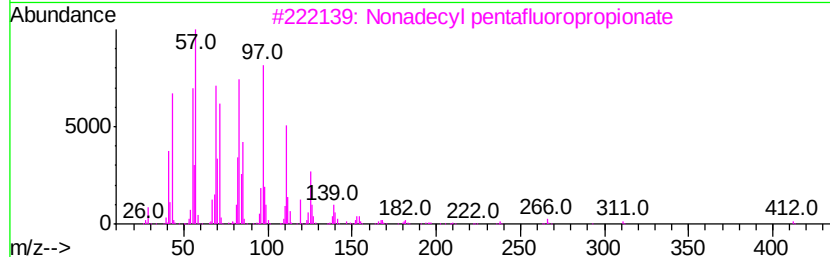
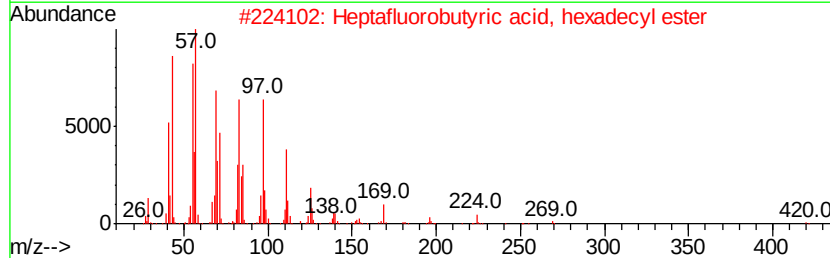
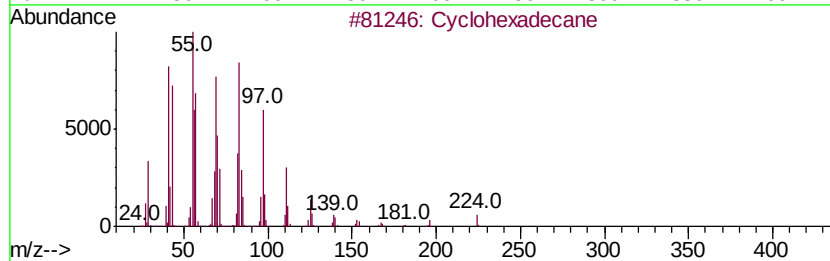
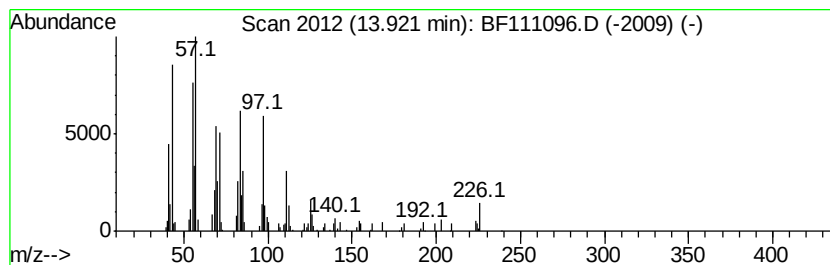
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.92	4.89 ng	154126	Chrysene-d12	14.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	95
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
5		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111096.D
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Sample : J5767-19 2X
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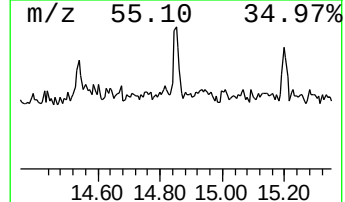
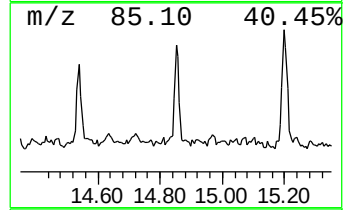
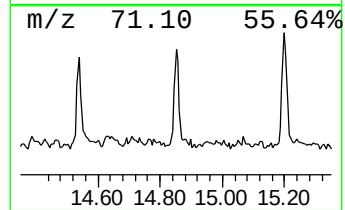
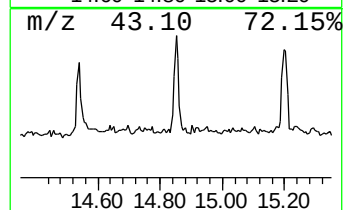
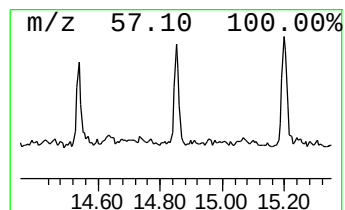
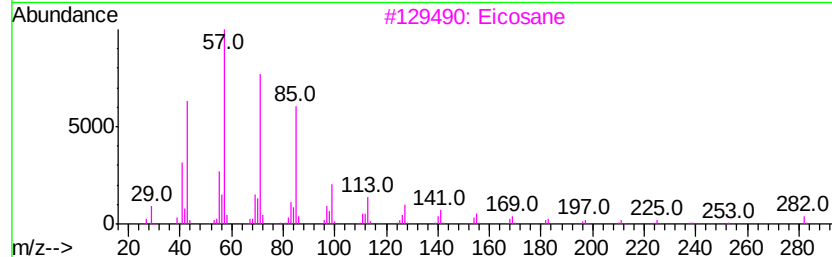
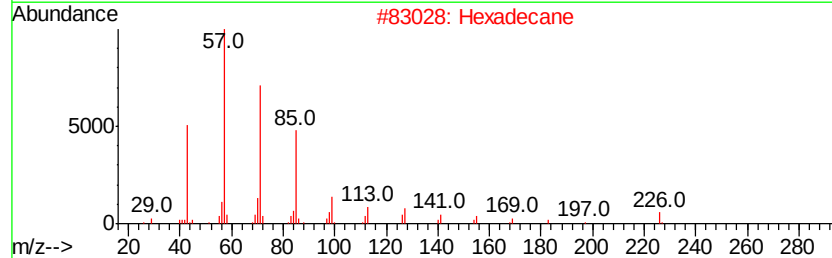
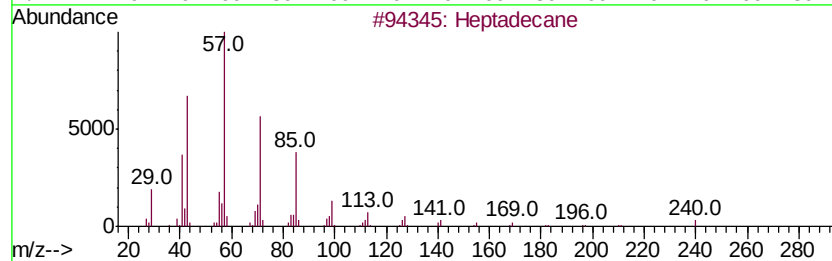
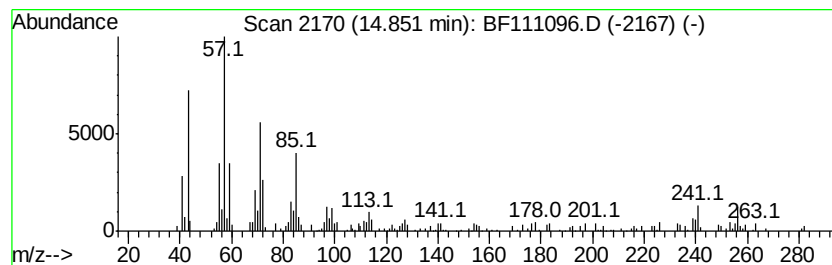
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.85	2.97 ng	93825	Chrysene-d12		14.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Eicosane	282	C20H42	000112-95-8	95
4	Heptacosane	380	C27H56	000593-49-7	50
5	Octadecane	254	C18H38	000593-45-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
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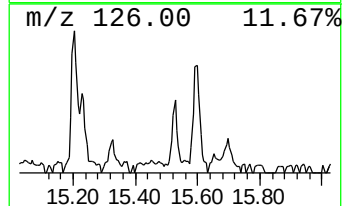
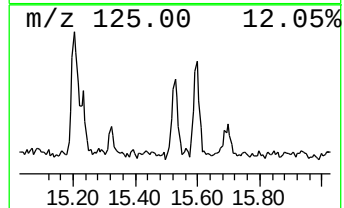
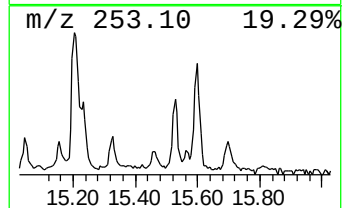
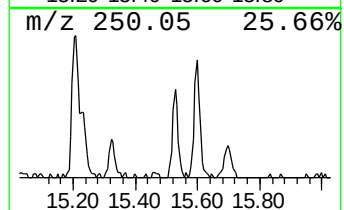
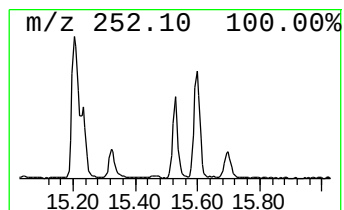
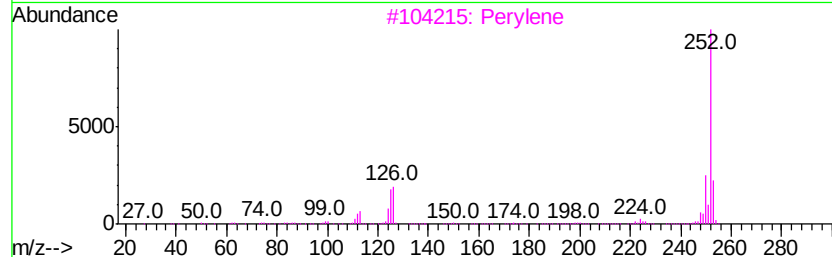
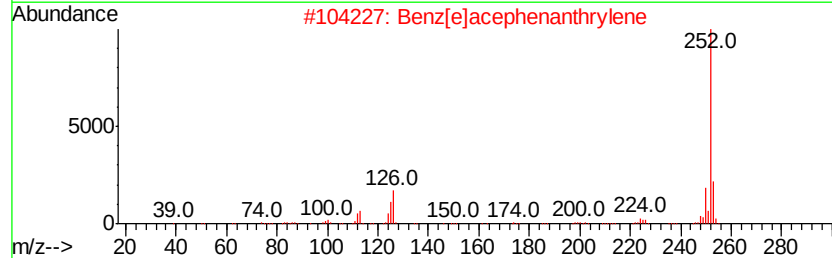
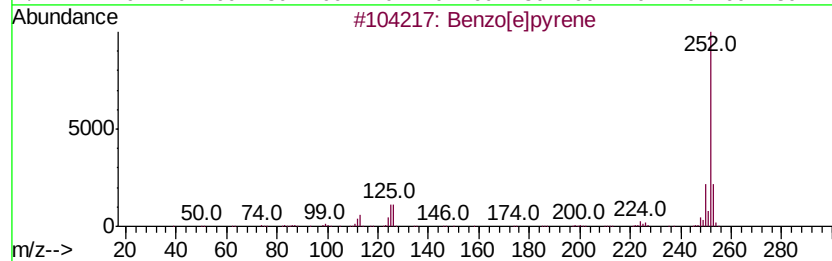
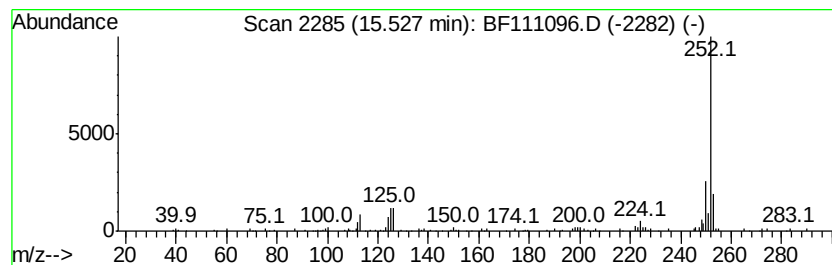
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	5.44 ng	90281	Perylene-d12	15.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 91
2		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 90
3		Perylene	252 C20H12	000198-55-0 90
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 90
5		Benzo[j]fluoranthene	252 C20H12	000205-82-3 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111096.D
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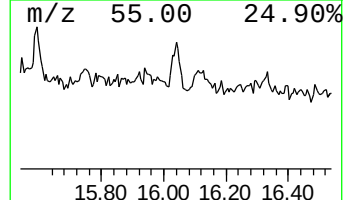
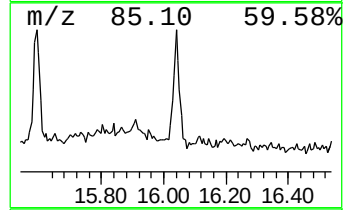
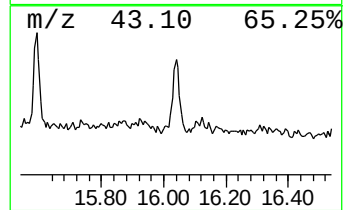
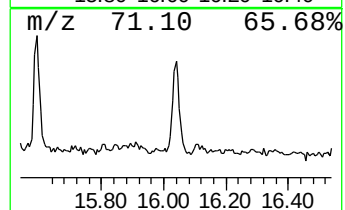
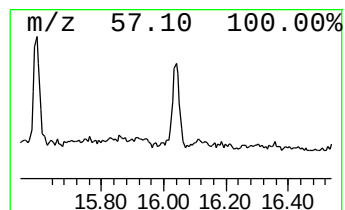
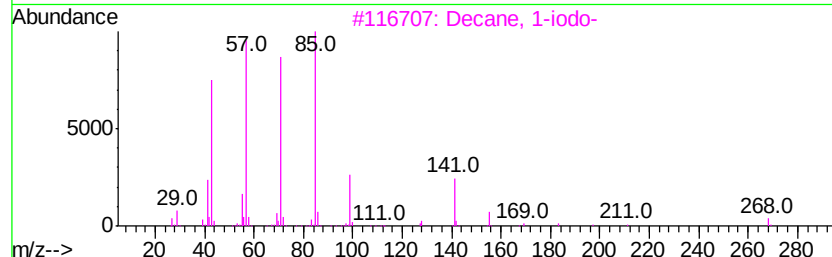
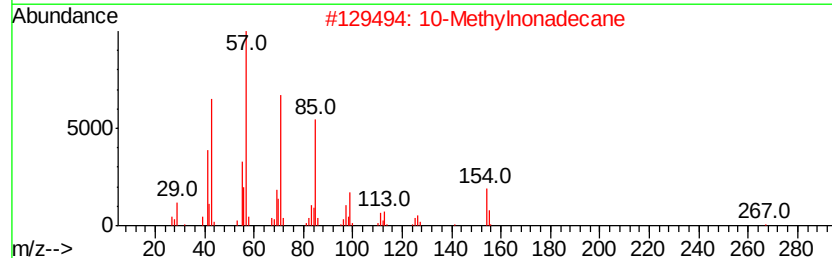
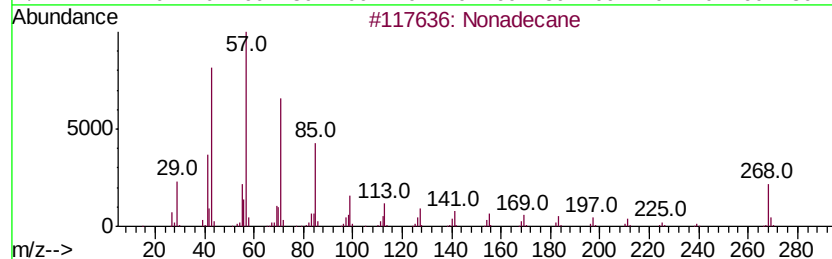
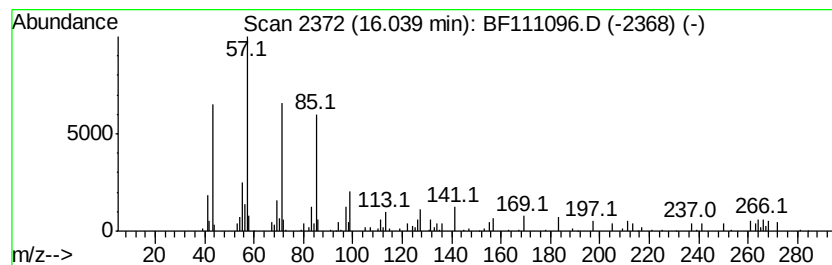
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.89 ng	81143	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	76
2			10-Methylnonadecane	282	C20H42	056862-62-5	64
3			Decane, 1-iodo-	268	C10H21I	002050-77-3	62
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111096.D
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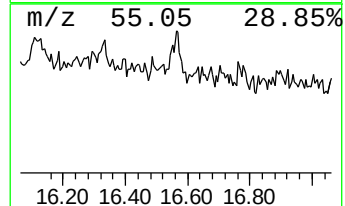
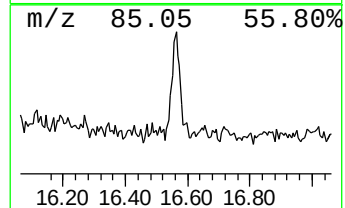
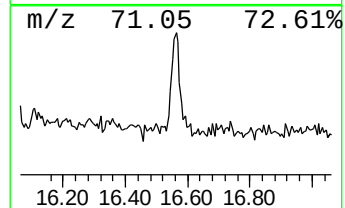
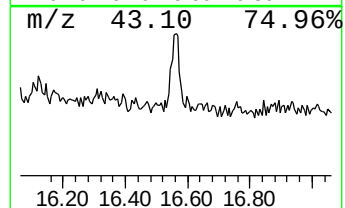
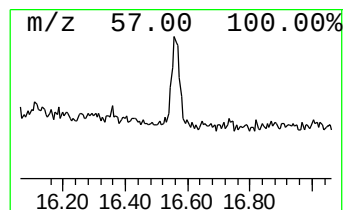
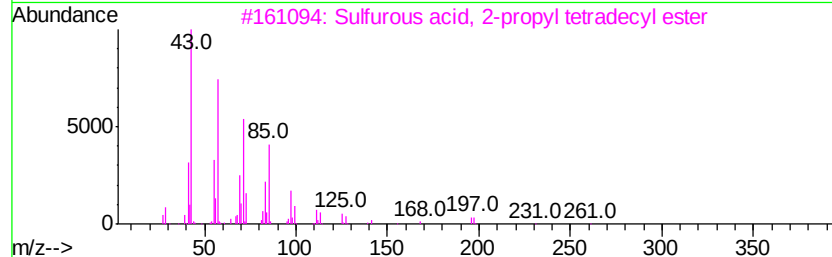
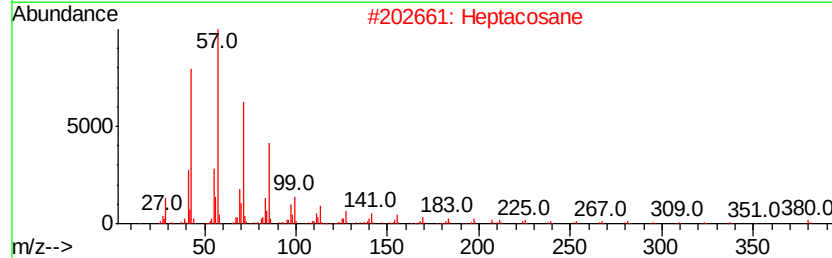
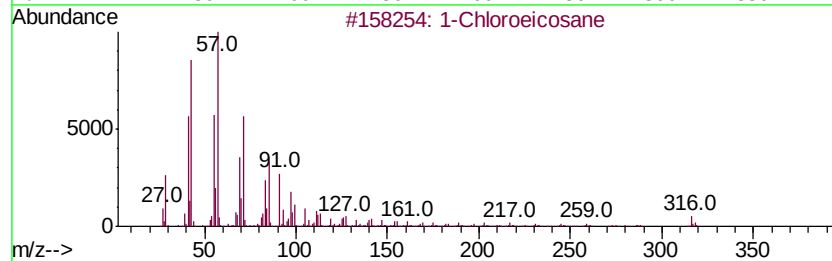
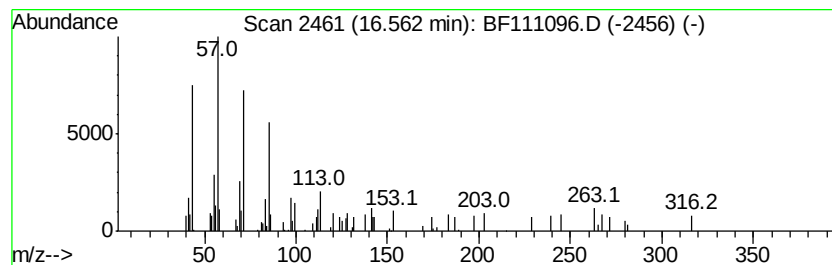
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.56 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	3.03 ng	50295	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Chloroeicosane	316	C20H41Cl	042217-02-7	49
2		Heptacosane	380	C27H56	000593-49-7	49
3		Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1000309-12-5	43
4		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	43
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\
Data File : BF111096.D
Acq On : 29 Nov 2018 17:52
Operator : JU/SJ
Sample : J5767-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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	3.4	ng	66653	1	6.93	396476	20.0
unknown5.16	5.16	2.1	ng	41691	1	6.93	396476	20.0
unknown6.70	6.70	38.7	ng	767150	1	6.93	396476	20.0
Anthracene, 2-met...	11.97	3.0	ng	70082	4	11.47	473082	20.0
di-p-Tolylacetylene	12.52	3.4	ng	80137	4	11.47	473082	20.0
Fluoranthene, 2-m...	13.25	2.5	ng	79300	5	14.13	630878	20.0
Cyclohexadecane	13.92	4.9	ng	154126	5	14.13	630878	20.0
Heptadecane	14.85	3.0	ng	93825	5	14.13	630878	20.0
Benzo[e]pyrene	15.53	5.4	ng	90281	6	15.66	331677	20.0
Nonadecane	16.04	4.9	ng	81143	6	15.66	331677	20.0
unknown16.56	16.56	3.0	ng	50295	6	15.66	331677	20.0