

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
 Data File : BF096828.D
 Acq On : 17 Jul 2017 19:18
 Operator : SJ/JU
 Sample : I4203-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04A

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	4.787	472	476	483	rBV	216020	300827	11.15%	0.805%
2	4.898	483	495	500	rVB	26110	76867	2.85%	0.206%
3	5.222	546	550	565	rVB	2628714	2698191	100.00%	7.222%
4	6.263	722	727	733	rBV	2143146	2391287	88.63%	6.400%
5	6.310	733	735	739	rVB	76332	72420	2.68%	0.194%
6	6.386	743	748	751	rBV	2454379	2264772	83.94%	6.062%
7	6.610	782	786	790	rBV	825958	639842	23.71%	1.713%
8	6.769	809	813	816	rVB	1987203	1718689	63.70%	4.600%
9	7.175	877	882	885	rBV	1542121	1395423	51.72%	3.735%
10	7.892	1000	1004	1006	rBV	1105153	878258	32.55%	2.351%
11	7.910	1006	1007	1011	rVV	89683	74898	2.78%	0.200%
12	8.333	1075	1079	1088	rBV	140243	171169	6.34%	0.458%
13	8.498	1104	1107	1110	rBV	101922	100158	3.71%	0.268%
14	8.598	1120	1124	1127	rVB2	107270	124415	4.61%	0.333%
15	8.698	1138	1141	1145	rVB	91568	84014	3.11%	0.225%
16	8.928	1177	1180	1183	rVV	156806	126704	4.70%	0.339%
17	8.969	1183	1187	1190	rVB	2537177	2169852	80.42%	5.808%
18	9.063	1198	1203	1206	rBV	230669	232921	8.63%	0.623%
19	9.227	1226	1231	1233	rBV4	61448	95402	3.54%	0.255%
20	9.304	1240	1244	1246	rBV	149990	137074	5.08%	0.367%
21	9.363	1250	1254	1255	rBV	291369	260383	9.65%	0.697%
22	9.380	1255	1257	1260	rVB	248762	202040	7.49%	0.541%
23	9.492	1273	1276	1282	rBV	127269	152852	5.66%	0.409%
24	9.557	1284	1287	1290	rVB2	75954	71009	2.63%	0.190%
25	9.592	1290	1293	1295	rBV	259519	218458	8.10%	0.585%
26	9.639	1295	1301	1304	rBV	817601	824536	30.56%	2.207%
27	9.669	1304	1306	1309	rVB3	75547	69335	2.57%	0.186%
28	9.845	1329	1336	1339	rBV3	103456	185113	6.86%	0.495%
29	9.880	1339	1342	1345	rVB2	76958	77338	2.87%	0.207%
30	9.910	1345	1347	1350	rBV2	122918	100425	3.72%	0.269%
31	9.957	1351	1355	1357	rBV2	100937	110735	4.10%	0.296%
32	10.086	1375	1377	1380	rVB	228867	166539	6.17%	0.446%
33	10.304	1410	1414	1417	rVV	220168	267124	9.90%	0.715%
34	10.339	1417	1420	1422	rVV	72341	85343	3.16%	0.228%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.422	1430	1434	1438	rVV	1143343	1035191	38.37%	2.771%
36	10.463	1438	1441	1447	rVB5	53538	66185	2.45%	0.177%
37	10.574	1454	1460	1464	rVB	306781	469899	17.42%	1.258%
38	10.757	1488	1491	1493	rBV3	74916	73504	2.72%	0.197%
39	11.004	1530	1533	1536	rVV2	221553	197410	7.32%	0.528%
40	11.033	1536	1538	1542	rVB	141819	133479	4.95%	0.357%
41	11.110	1548	1551	1553	rBV	625946	557251	20.65%	1.491%
42	11.133	1553	1555	1559	rVV	555254	472402	17.51%	1.264%
43	11.186	1561	1564	1568	rVB	254553	215579	7.99%	0.577%
44	11.427	1600	1605	1611	rVB3	106157	159894	5.93%	0.428%
45	11.616	1631	1637	1639	rBV2	133755	210970	7.82%	0.565%
46	11.639	1639	1641	1643	rVV	187881	171207	6.35%	0.458%
47	11.663	1643	1645	1647	rVV	260811	242736	9.00%	0.650%
48	11.686	1647	1649	1652	rVV	131637	131373	4.87%	0.352%
49	11.721	1652	1655	1657	rVV	203338	214218	7.94%	0.573%
50	11.745	1657	1659	1666	rVB	120043	122639	4.55%	0.328%
51	11.833	1671	1674	1678	rVB2	74204	81028	3.00%	0.217%
52	11.927	1688	1690	1697	rVB3	75772	91931	3.41%	0.246%
53	12.163	1727	1730	1732	rBV2	103890	99582	3.69%	0.267%
54	12.239	1741	1743	1748	rVB2	91561	108887	4.04%	0.291%
55	12.316	1752	1756	1760	rBV	1066684	1052311	39.00%	2.817%
56	12.363	1762	1764	1770	rVB6	53227	78830	2.92%	0.211%
57	12.545	1790	1795	1798	rBV	1008380	1037914	38.47%	2.778%
58	12.580	1798	1801	1809	rVB3	200552	342027	12.68%	0.915%
59	12.698	1817	1821	1824	rVV	1621180	1577345	58.46%	4.222%
60	12.768	1827	1833	1835	rBV2	93155	142370	5.28%	0.381%
61	12.851	1844	1847	1848	rVV2	94254	89257	3.31%	0.239%
62	12.874	1848	1851	1854	rVB	196259	208721	7.74%	0.559%
63	12.939	1860	1862	1865	rVB2	121137	103649	3.84%	0.277%
64	12.974	1865	1868	1871	rBV	122443	115419	4.28%	0.309%
65	13.068	1881	1884	1886	rVV2	149742	117186	4.34%	0.314%
66	13.098	1886	1889	1893	rVB	90169	77342	2.87%	0.207%
67	13.174	1899	1902	1911	rVB10	48738	72146	2.67%	0.193%
68	13.280	1916	1920	1925	rVB5	108597	178379	6.61%	0.477%
69	13.380	1933	1937	1944	rVB	101792	148832	5.52%	0.398%
70	13.486	1951	1955	1957	rBV2	121101	140452	5.21%	0.376%
71	13.515	1957	1960	1962	rVV	95061	97484	3.61%	0.261%

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72	13.539	1962	1964	1968	rVV2	89694	110044	4.08%	0.295%
73	13.586	1969	1972	1973	rVV	92903	99991	3.71%	0.268%
74	13.604	1973	1975	1979	rVV2	179987	227063	8.42%	0.608%
75	13.639	1979	1981	1986	rVB2	170511	170679	6.33%	0.457%
76	13.733	1992	1997	2000	rBV2	932643	1369796	50.77%	3.666%
77	13.762	2000	2002	2008	rVB	601460	616237	22.84%	1.649%
78	13.927	2028	2030	2032	rVB2	84140	65869	2.44%	0.176%
79	13.962	2032	2036	2039	rBV2	53094	86684	3.21%	0.232%
80	13.992	2039	2041	2044	rBV3	76109	73306	2.72%	0.196%
81	14.121	2061	2063	2066	rVV	147711	149217	5.53%	0.399%
82	14.157	2067	2069	2073	rVB2	82645	94243	3.49%	0.252%
83	14.233	2080	2082	2086	rBV3	160349	165107	6.12%	0.442%
84	14.527	2129	2132	2136	rBV2	80179	86773	3.22%	0.232%
85	14.586	2140	2142	2146	rVV4	75048	84158	3.12%	0.225%
86	14.651	2150	2153	2156	rBV2	120417	120695	4.47%	0.323%
87	14.739	2163	2168	2176	rBV	543397	1016358	37.67%	2.720%
88	14.827	2180	2183	2193	rVB3	252282	430159	15.94%	1.151%
89	15.004	2209	2213	2218	rVB	334662	393470	14.58%	1.053%
90	15.057	2218	2222	2227	rBV	423348	480620	17.81%	1.286%
91	15.115	2228	2232	2235	rBV	443487	536765	19.89%	1.437%
92	15.545	2300	2305	2309	rBV	331777	466558	17.29%	1.249%
93	16.233	2419	2422	2425	rBV4	49252	69013	2.56%	0.185%
94	16.403	2446	2451	2460	rVB2	179513	359941	13.34%	0.963%
95	16.498	2463	2467	2472	rVB2	86508	150952	5.59%	0.404%
96	16.786	2511	2516	2524	rVB	136585	258732	9.59%	0.693%
97	16.915	2533	2538	2546	rVB6	125573	274539	10.17%	0.735%
98	17.092	2566	2568	2576	rVB5	51330	113051	4.19%	0.303%
99	17.815	2685	2691	2700	rVB5	76886	202719	7.51%	0.543%
100	18.186	2752	2754	2763	rVB10	46470	109788	4.07%	0.294%

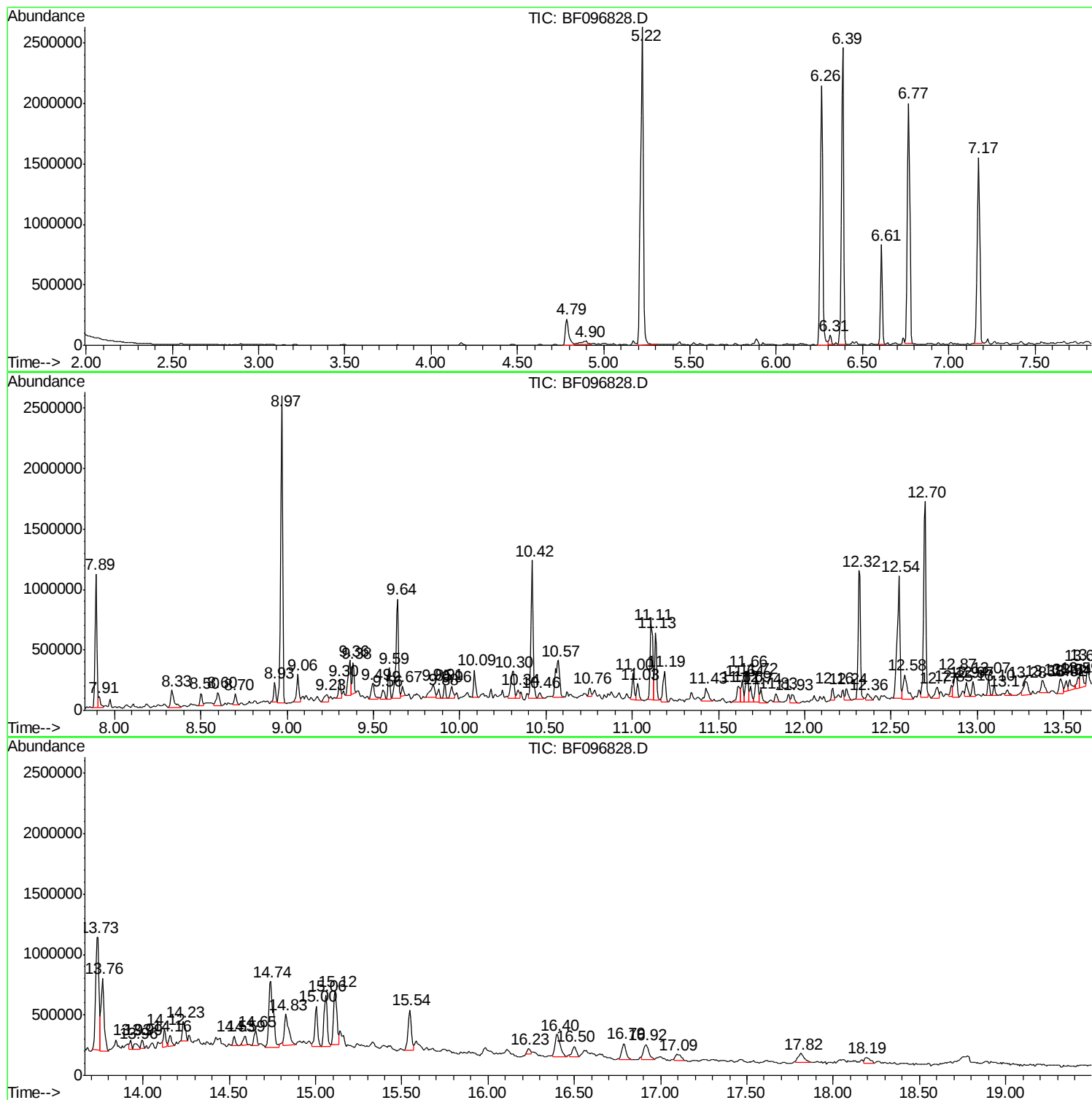
Sum of corrected areas: 37361969

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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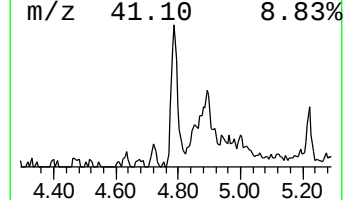
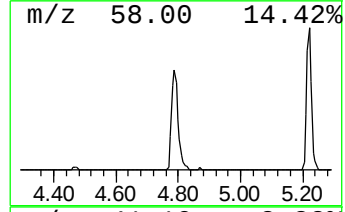
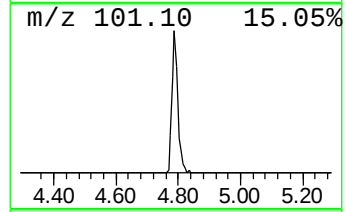
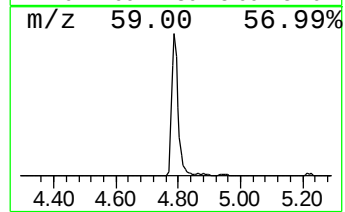
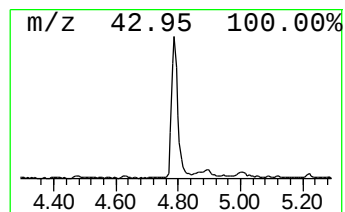
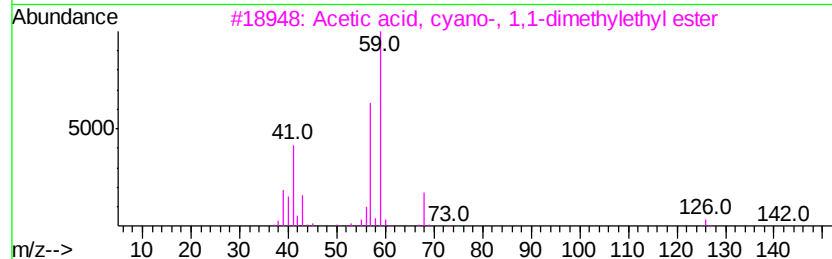
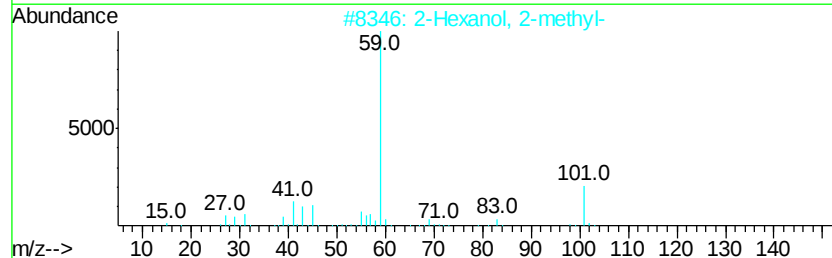
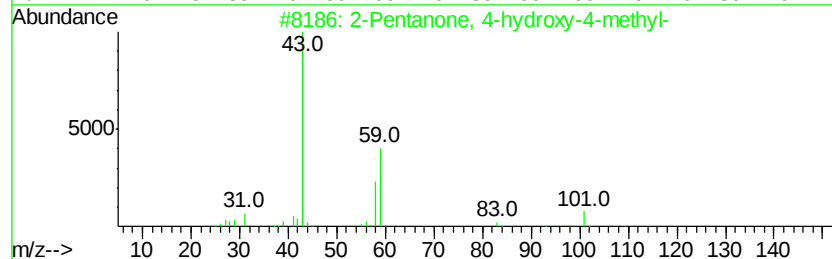
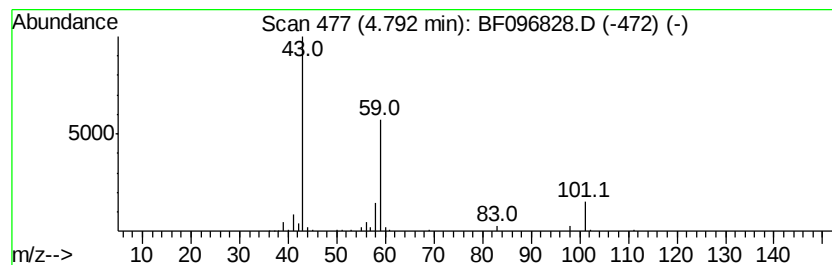
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	9.40 ng	300827	1,4-Dichlorobenzene-d4	6.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4			3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23



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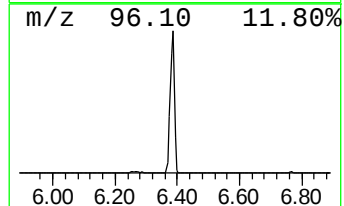
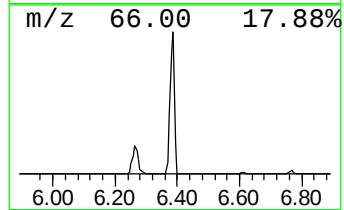
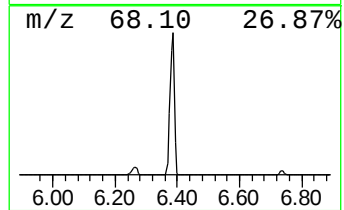
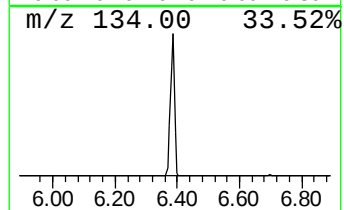
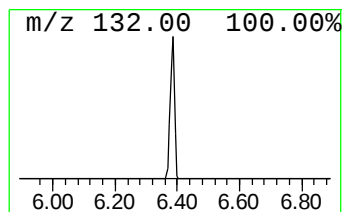
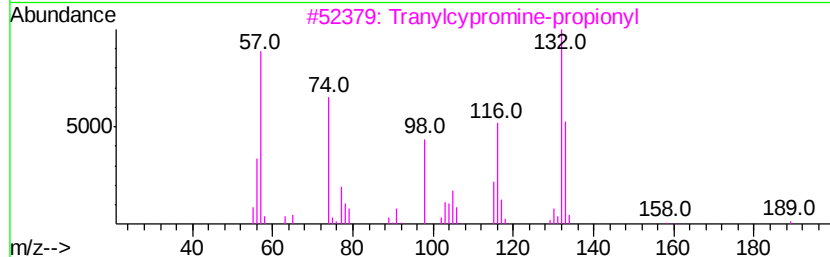
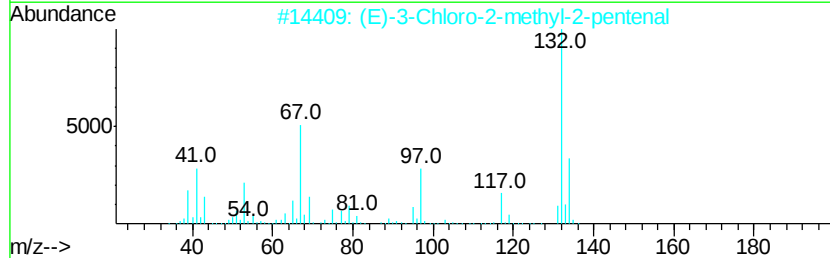
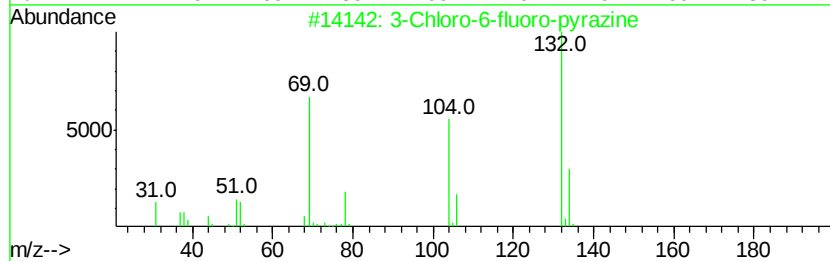
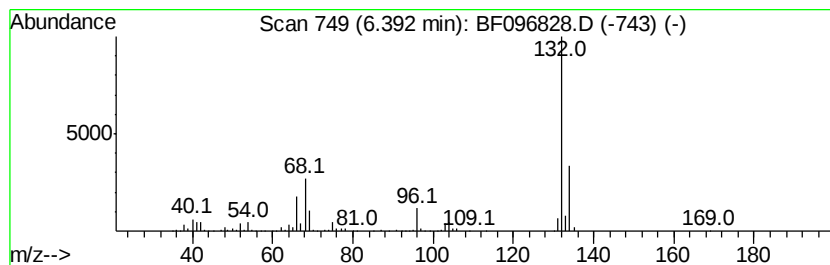
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	70.79 ng	2264770	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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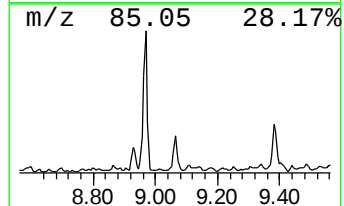
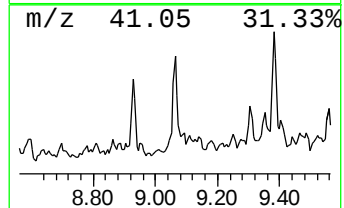
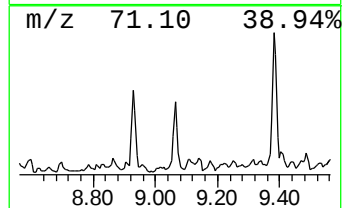
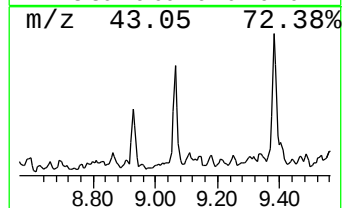
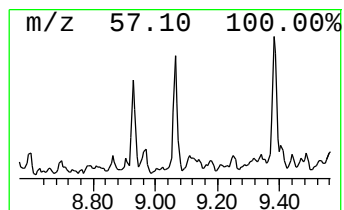
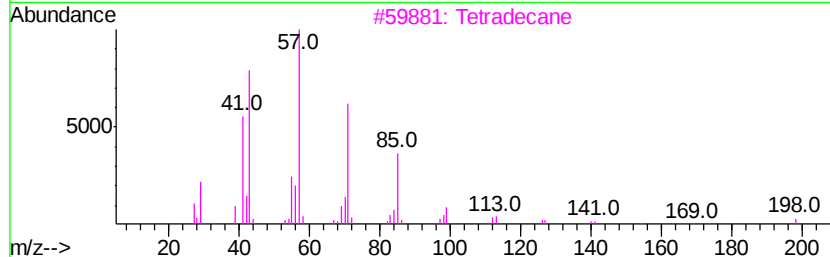
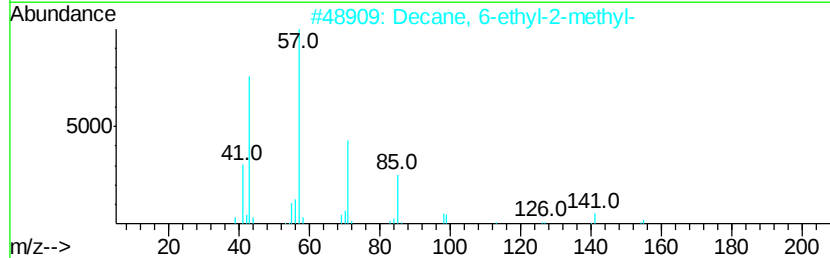
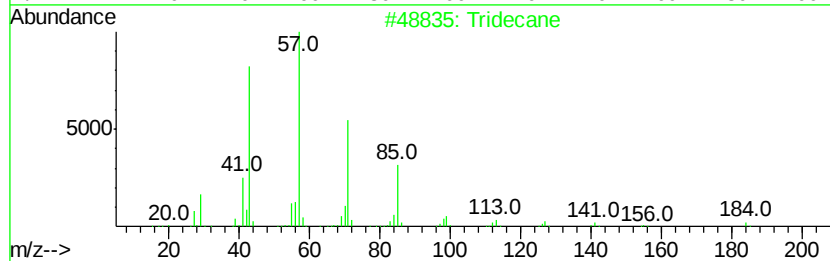
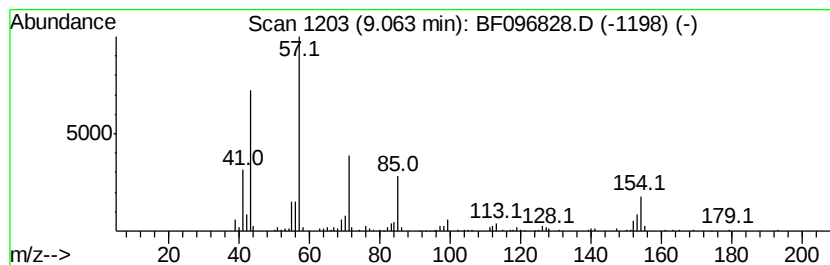
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	5.65 ng	232921	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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Operator : SJ/JU
Sample : I4203-05
Misc :
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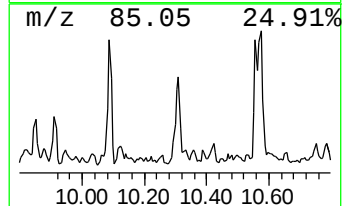
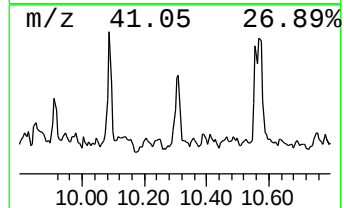
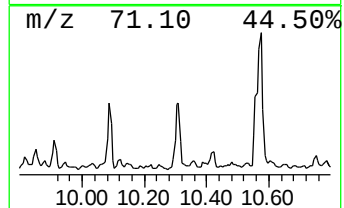
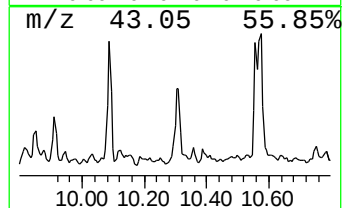
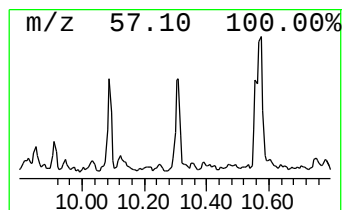
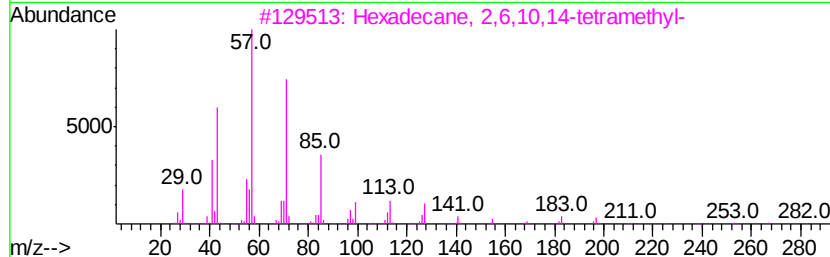
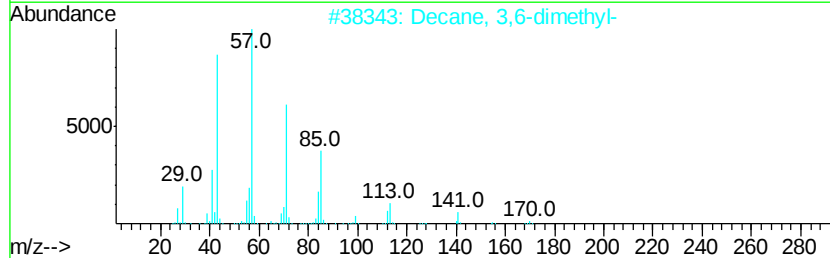
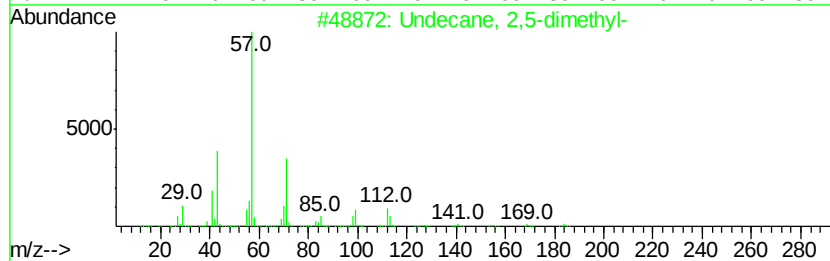
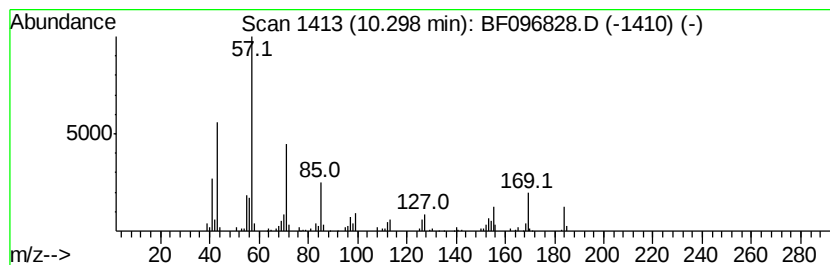
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.30	6.48 ng	267124	Acenaphthene-d10	9.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
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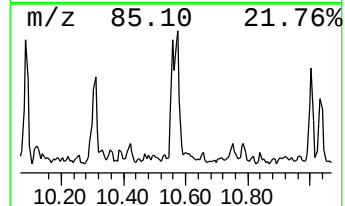
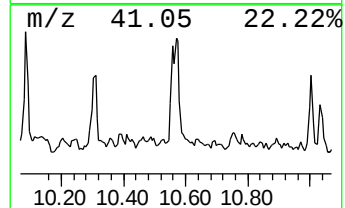
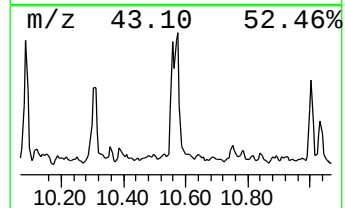
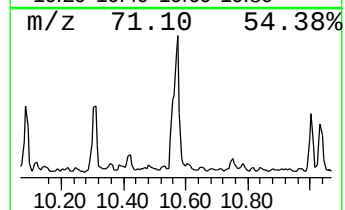
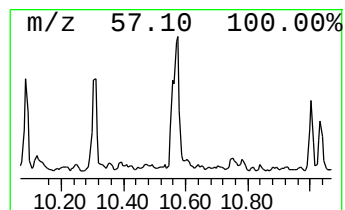
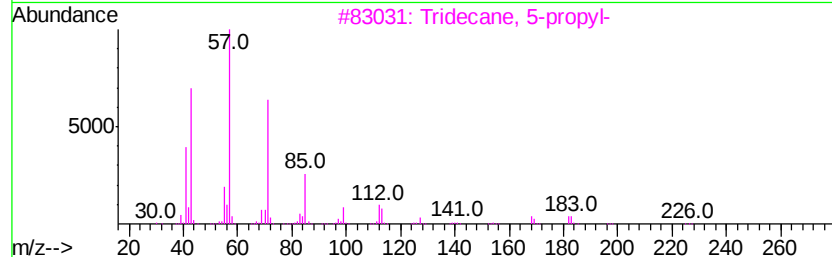
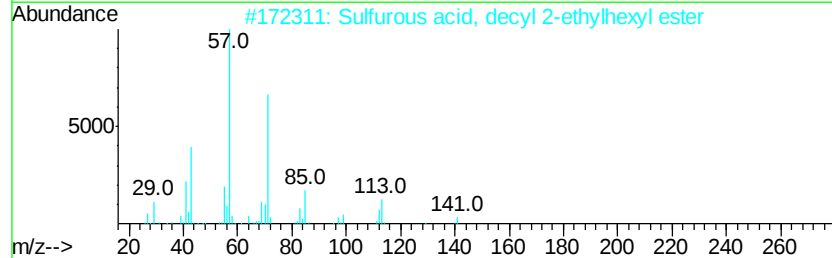
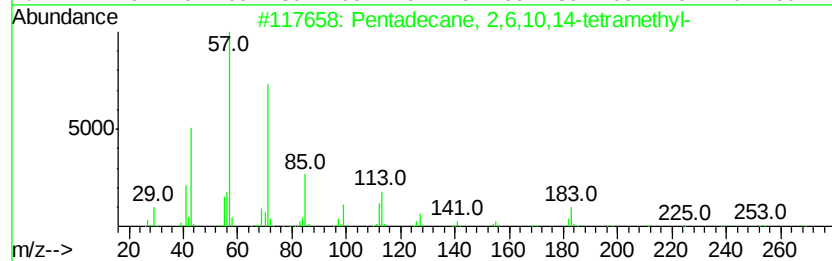
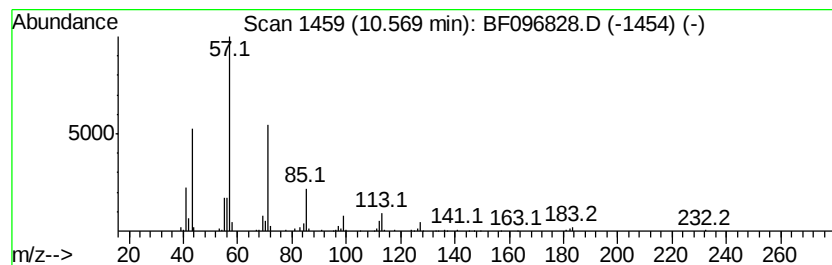
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	16.86 ng	469899	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
Operator : SJ/JU
Sample : I4203-05
Misc :
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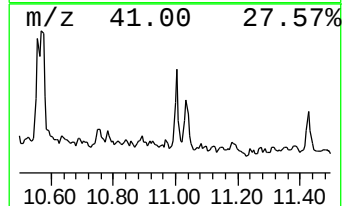
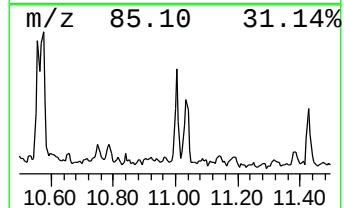
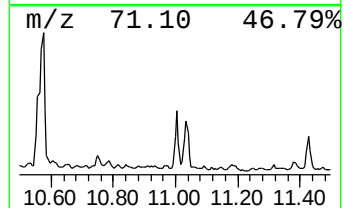
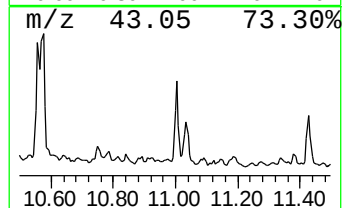
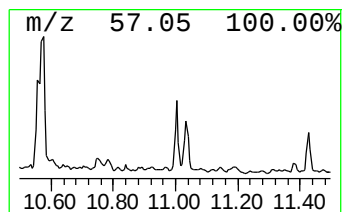
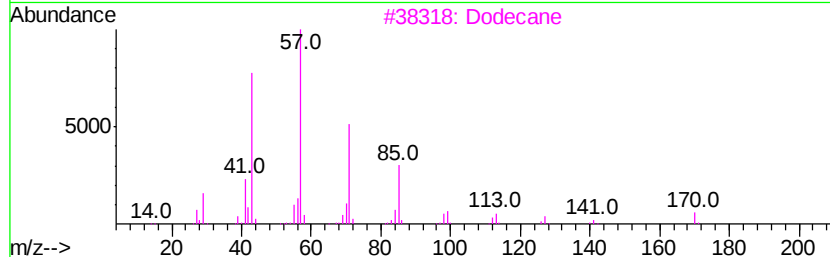
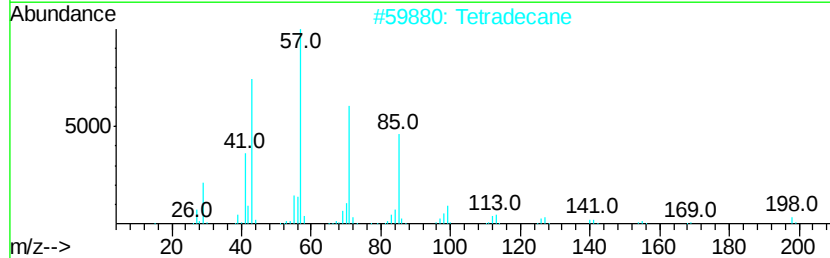
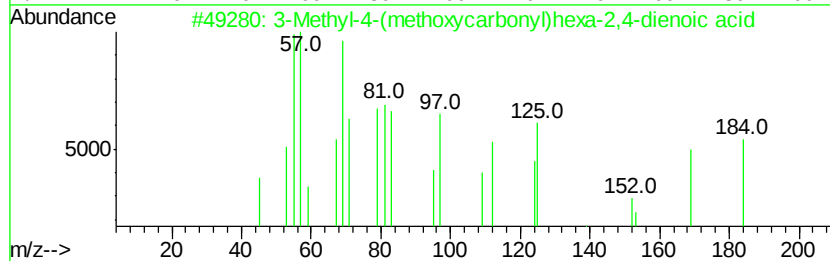
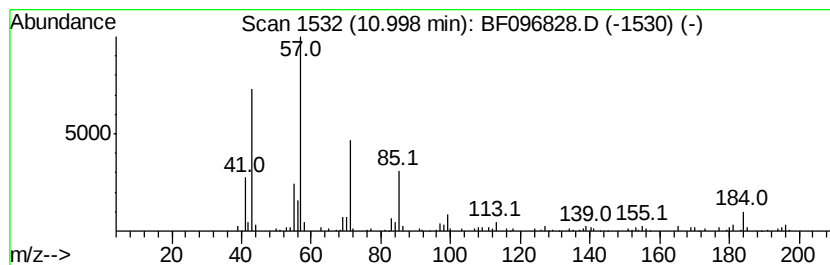
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Methyl-4-(methoxycarbonyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	7.09 ng	197410	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	64
2		Tetradecane	198	C14H30	000629-59-4	60
3		Dodecane	170	C12H26	000112-40-3	60
4		Tridecane	184	C13H28	000629-50-5	52
5		Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
Operator : SJ/JU
Sample : I4203-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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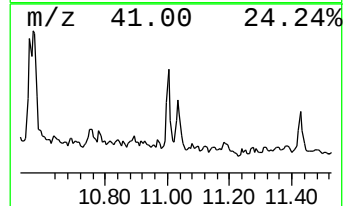
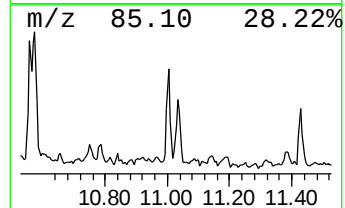
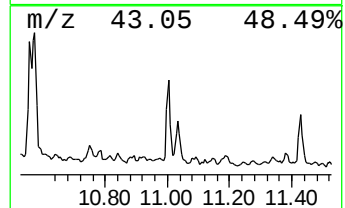
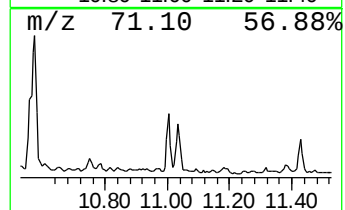
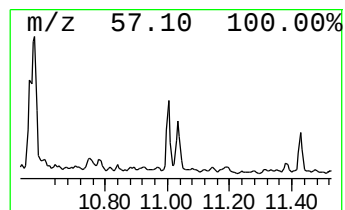
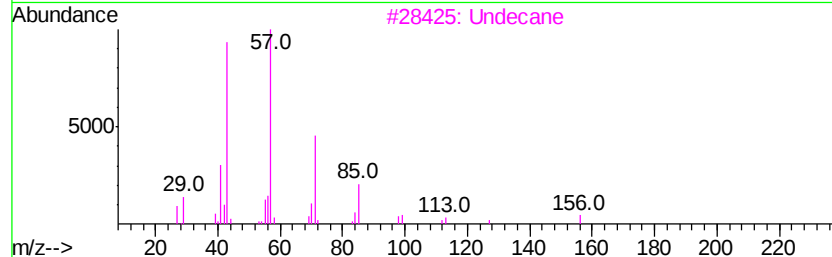
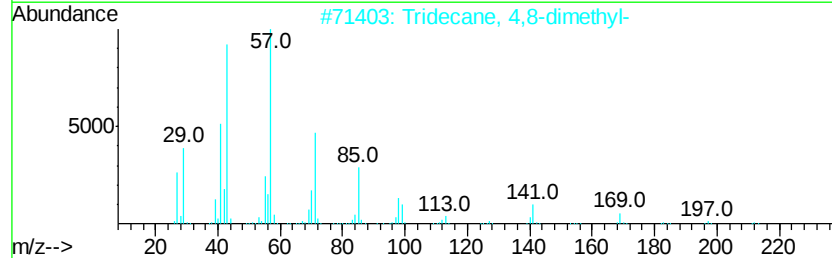
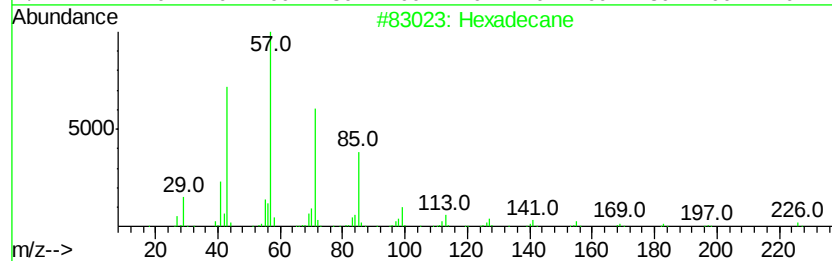
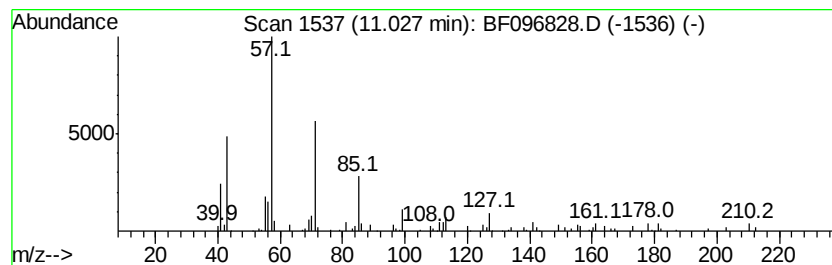
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	4.79 ng	133479	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	80
2	Tridecane, 4,8-dimethyl-		212	C15H32	055030-62-1	80
3	Undecane		156	C11H24	001120-21-4	80
4	Eicosane		282	C20H42	000112-95-8	80
5	Heptacosane		380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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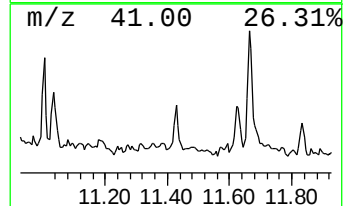
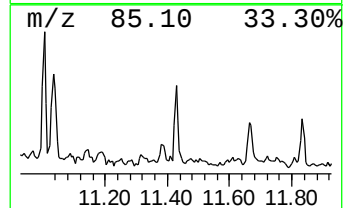
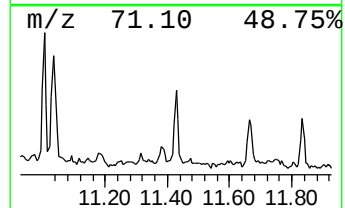
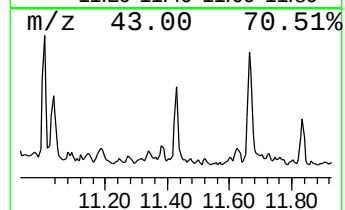
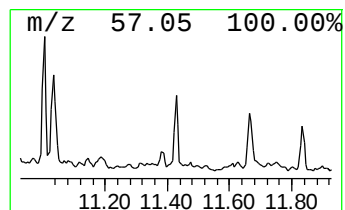
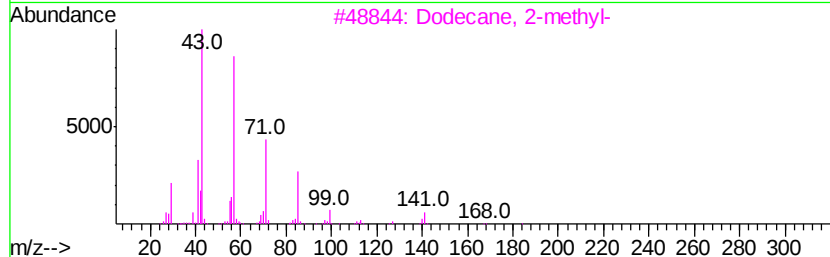
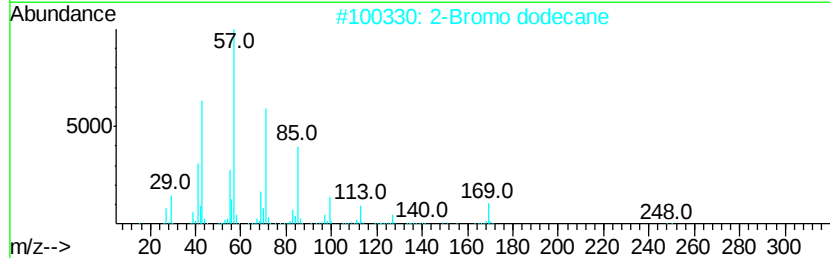
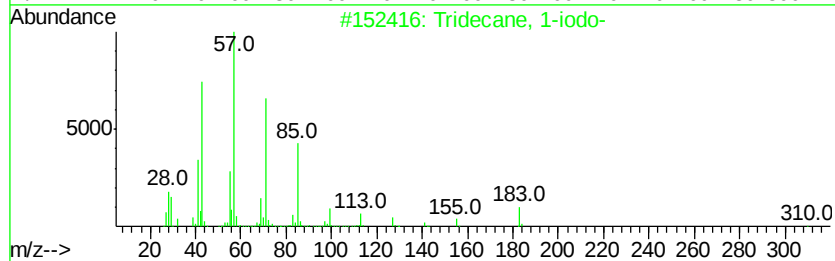
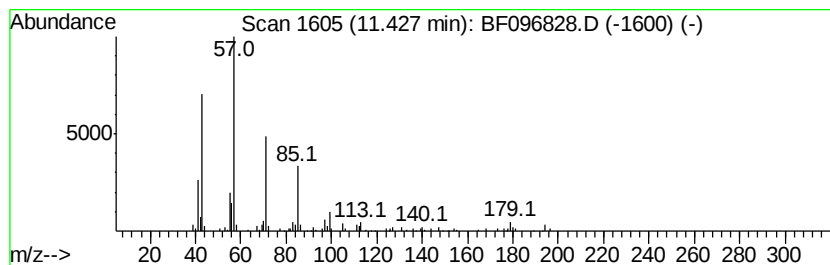
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.43	5.74 ng	159894	Phenanthrene-d10	11.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
5	5-Ethyldecane	170	C12H26	017302-36-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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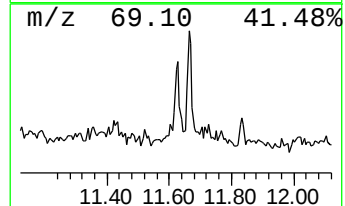
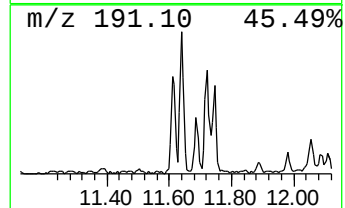
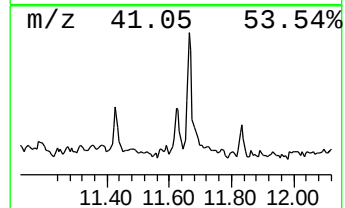
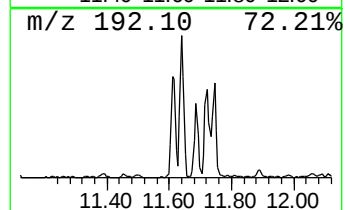
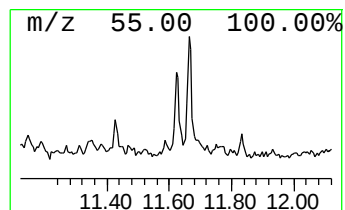
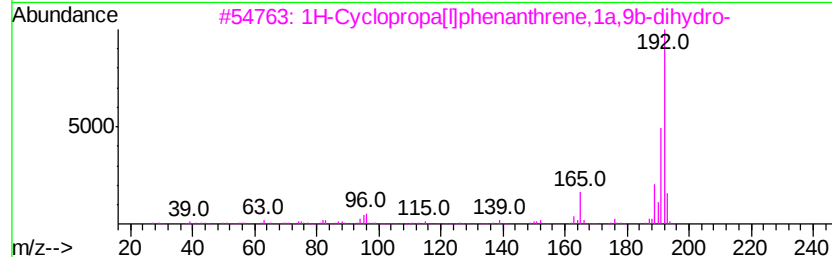
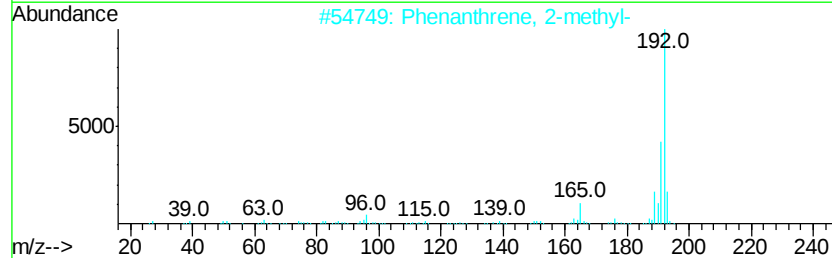
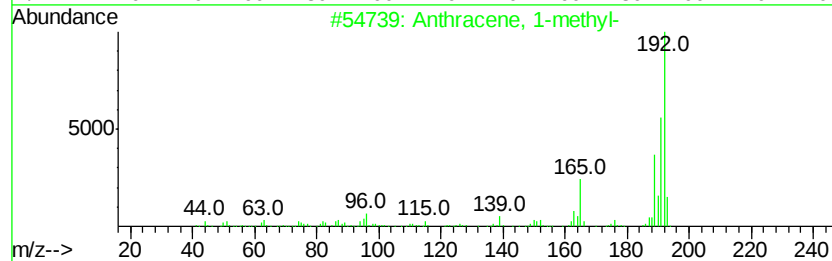
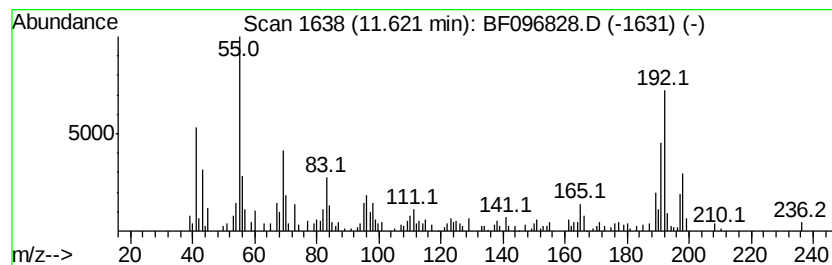
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.62	7.57 ng	210970	Phenanthrene-d10	11.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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Acq On : 17 Jul 2017 19:18
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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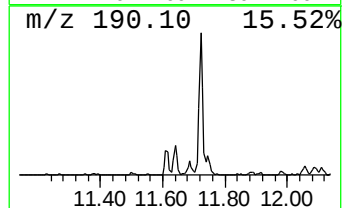
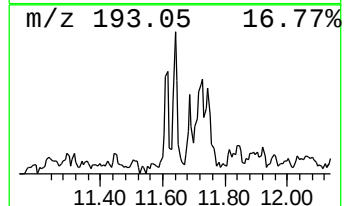
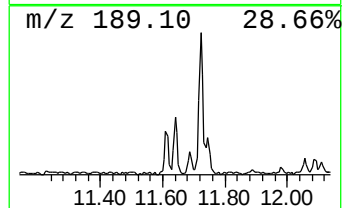
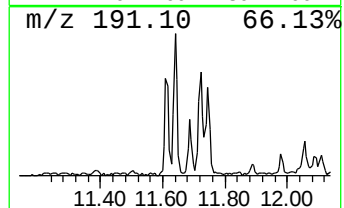
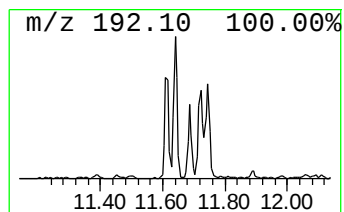
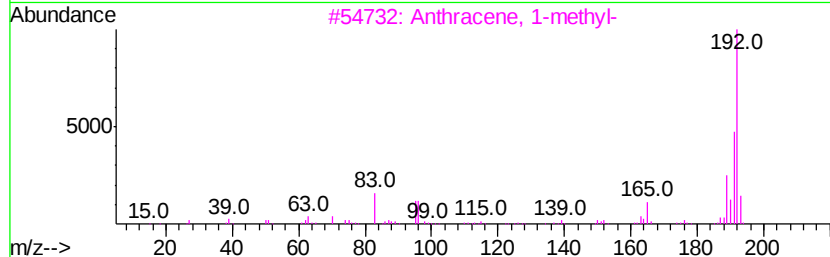
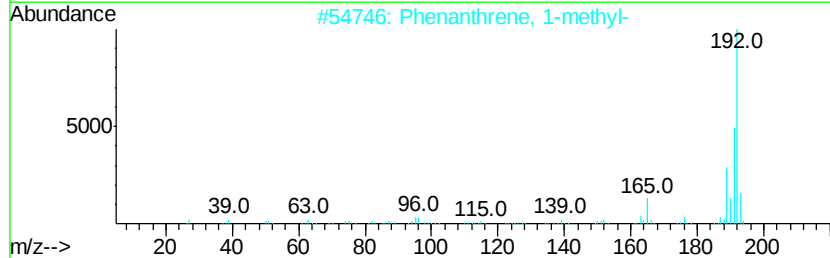
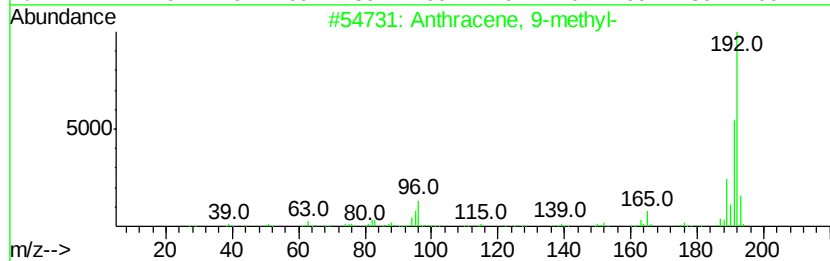
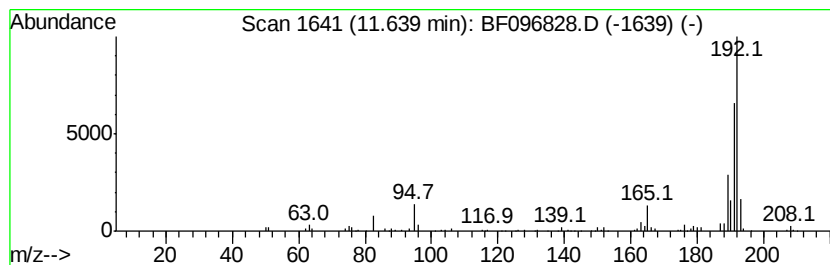
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	6.14 ng	171207	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
Operator : SJ/JU
Sample : I4203-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-SB04A

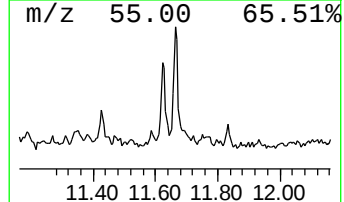
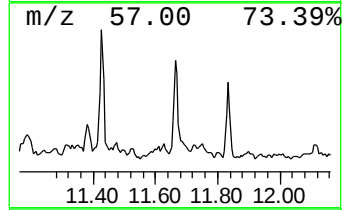
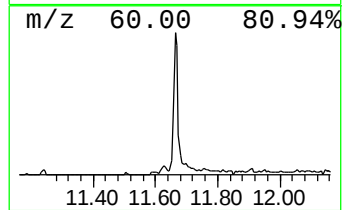
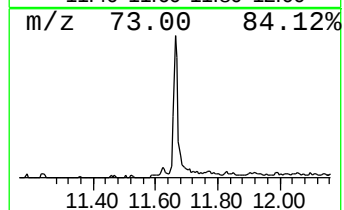
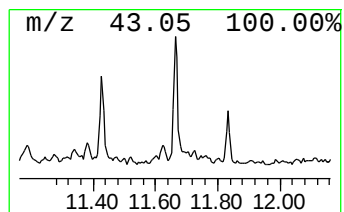
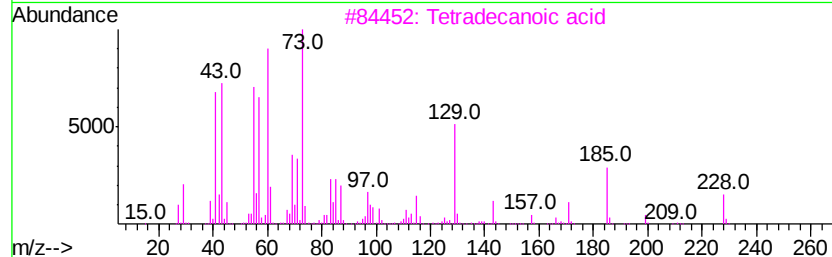
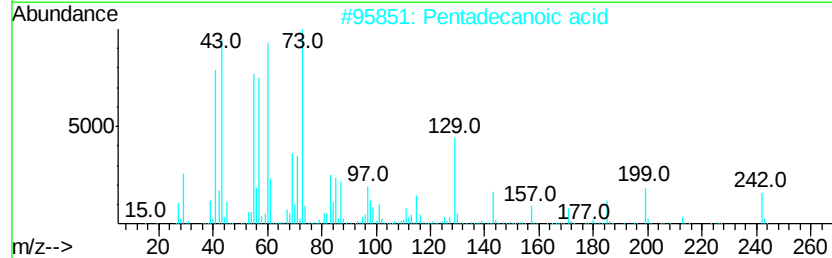
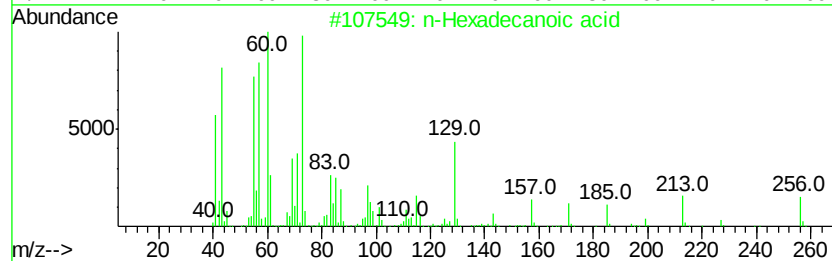
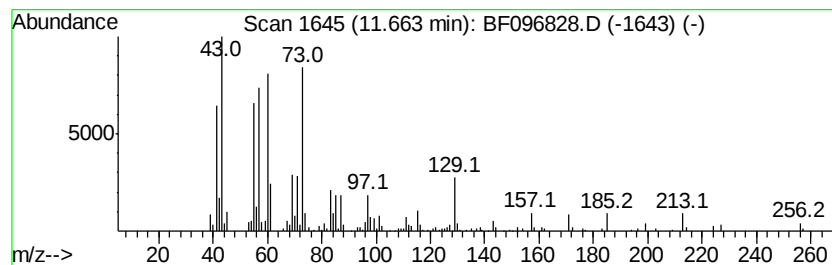
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	8.71 ng	242736	Phenanthrene-d10	11.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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Acq On : 17 Jul 2017 19:18
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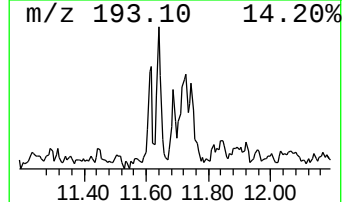
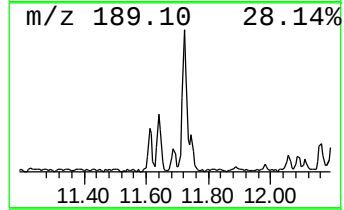
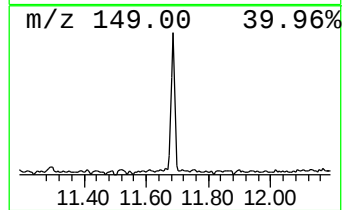
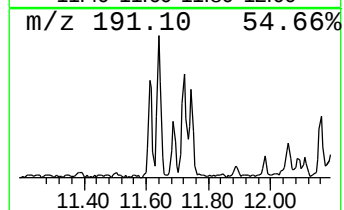
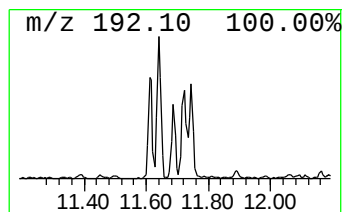
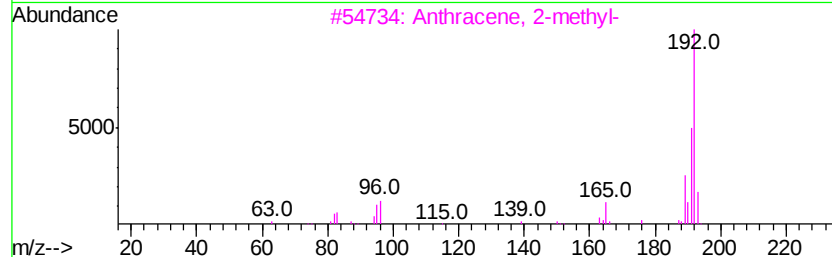
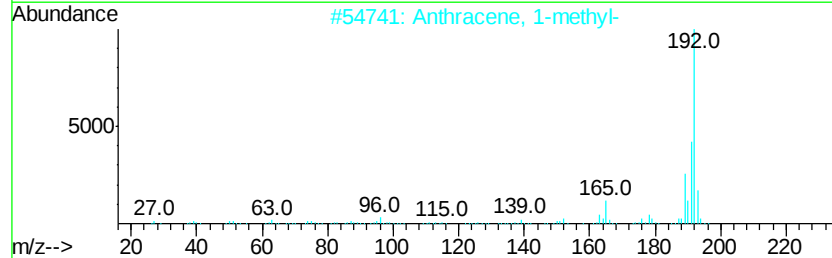
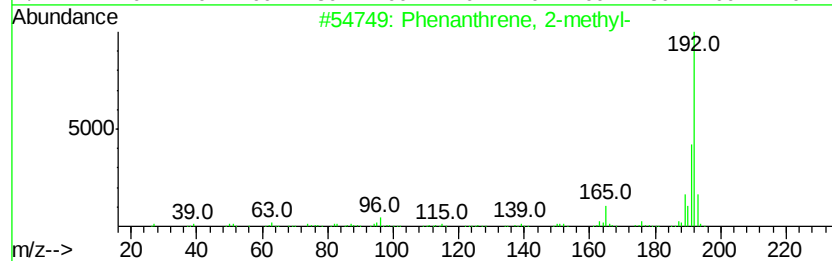
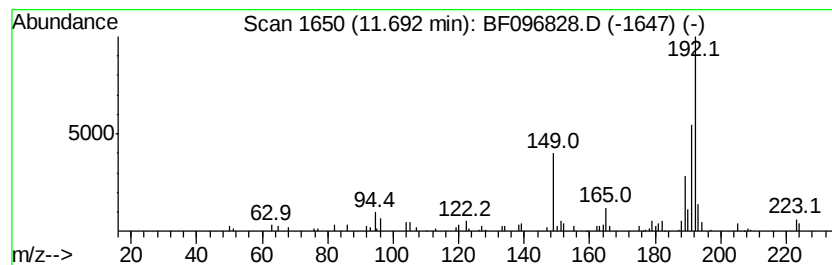
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.72 ng	131373	Phenanthrene-d10	11.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
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ClientSampleId :
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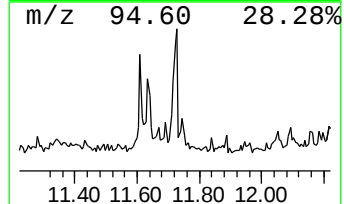
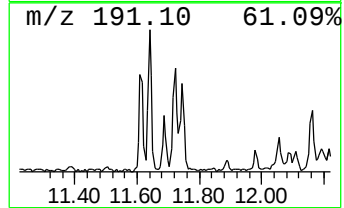
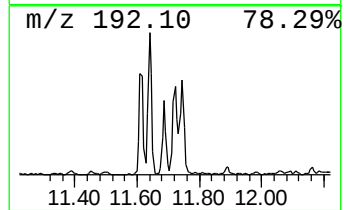
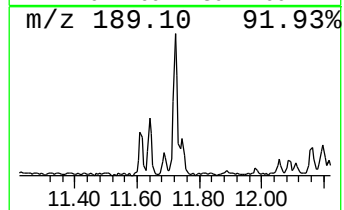
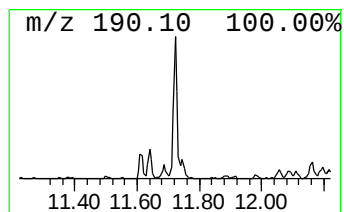
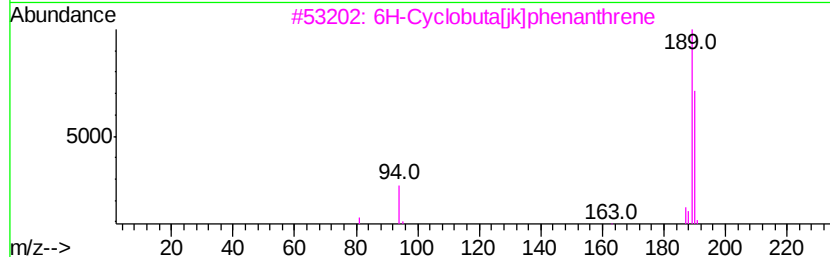
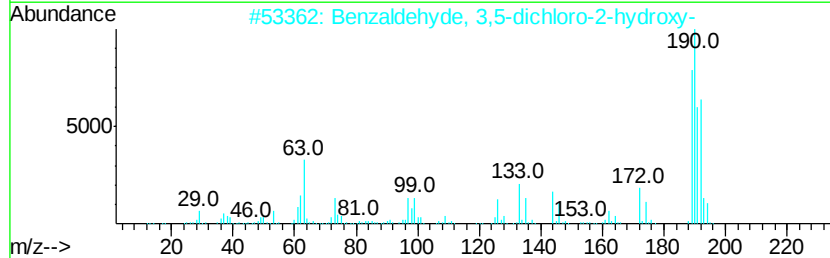
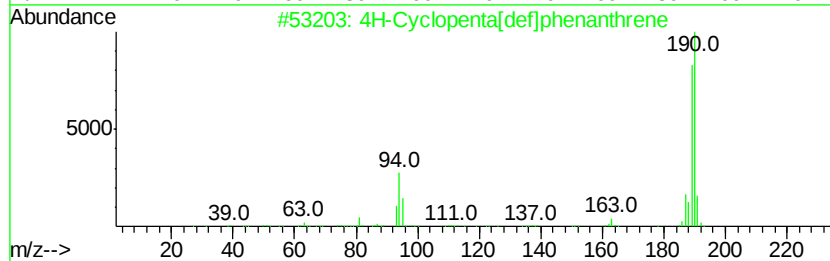
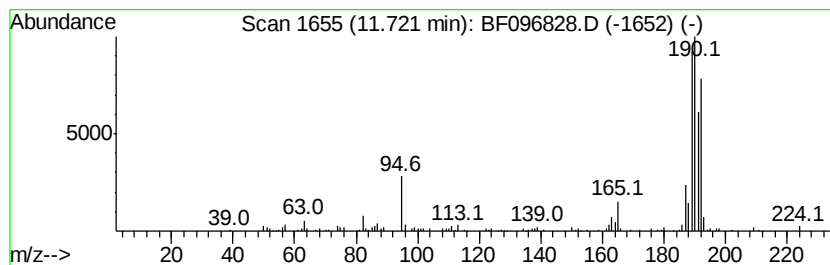
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	7.69 ng	214218	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	46
4		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	38
5		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
Operator : SJ/JU
Sample : I4203-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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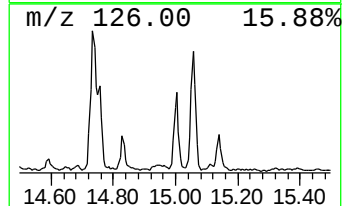
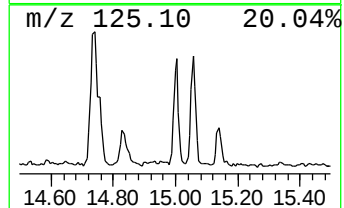
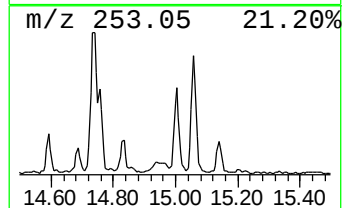
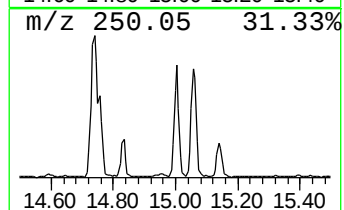
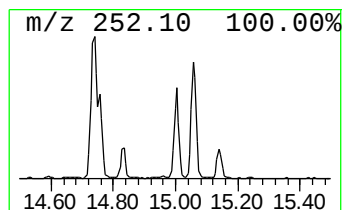
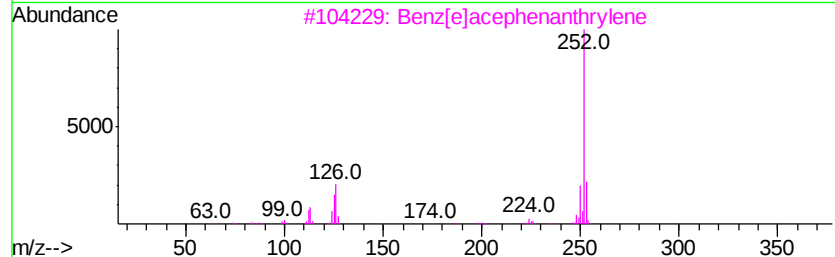
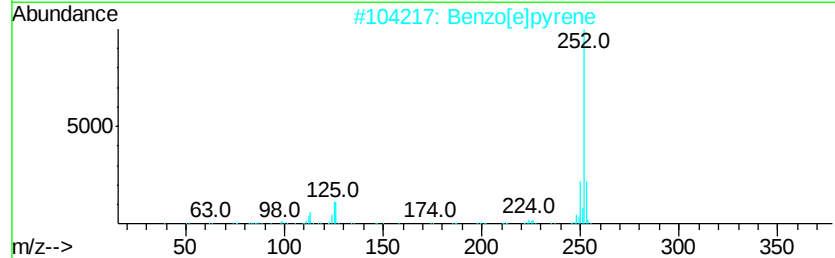
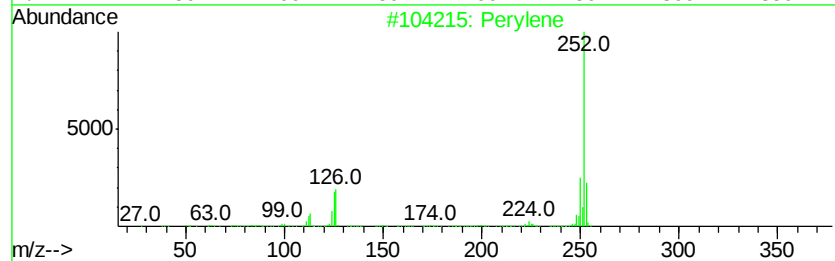
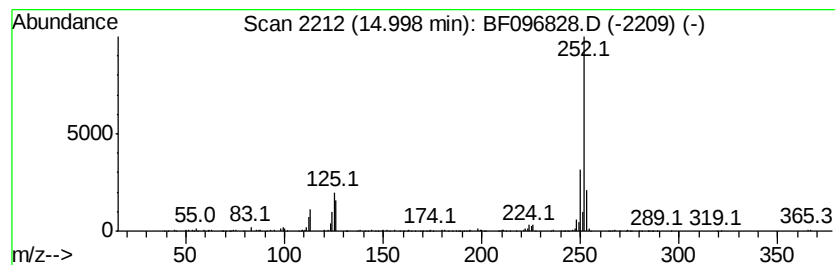
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	14.66 ng	393470	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	91
5		Benzo[a]pyrene	252	C20H12	000050-32-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
Operator : SJ/JU
Sample : I4203-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-SB04A

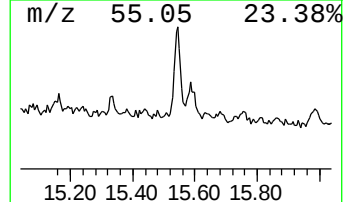
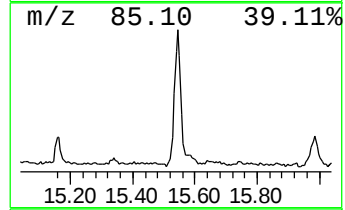
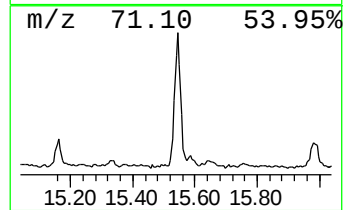
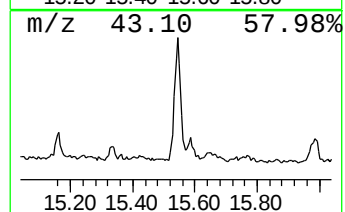
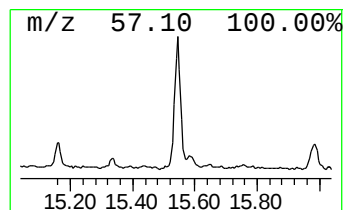
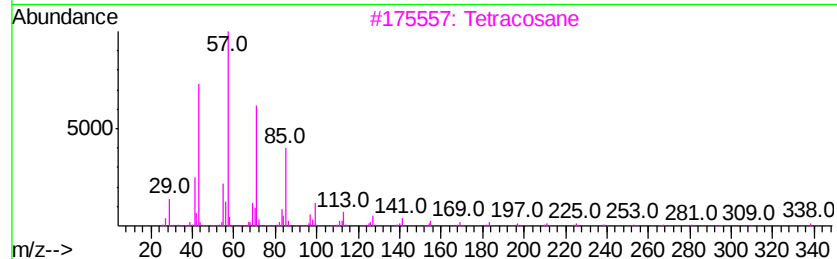
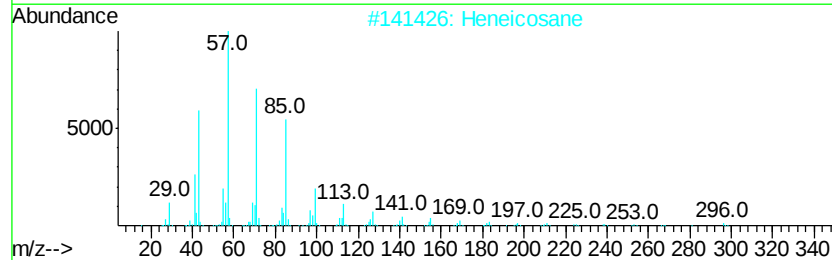
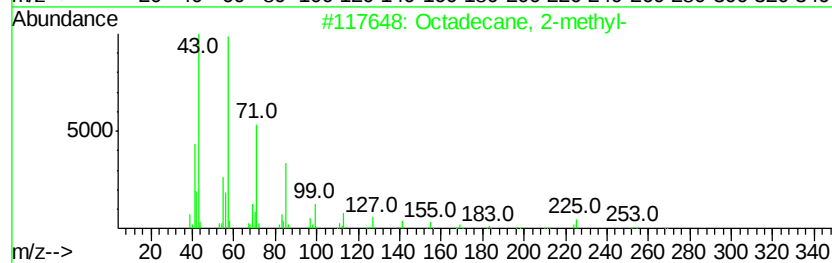
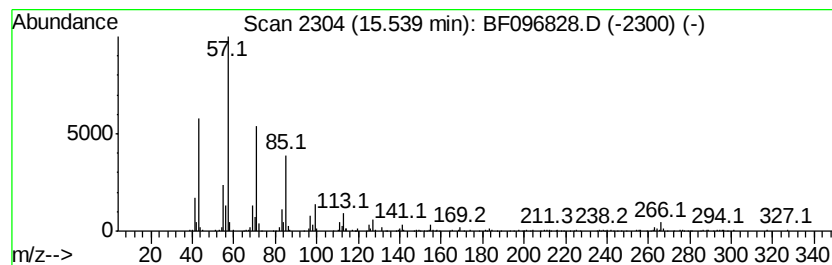
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	17.38 ng	466558	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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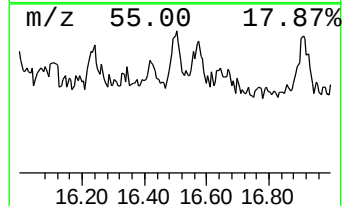
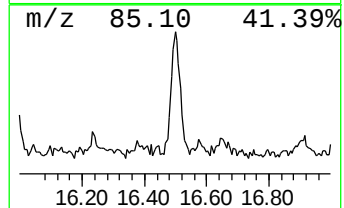
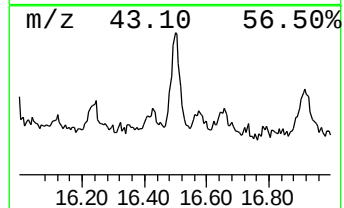
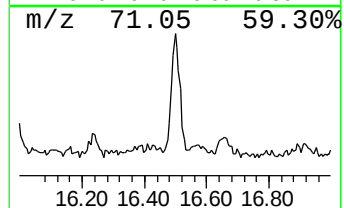
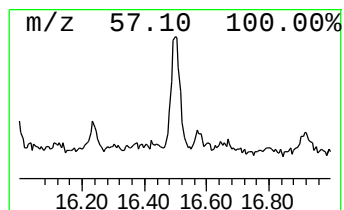
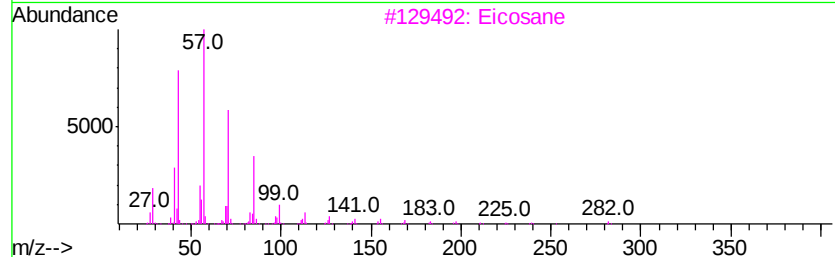
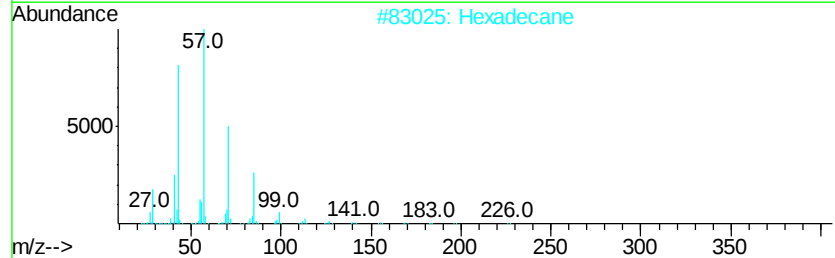
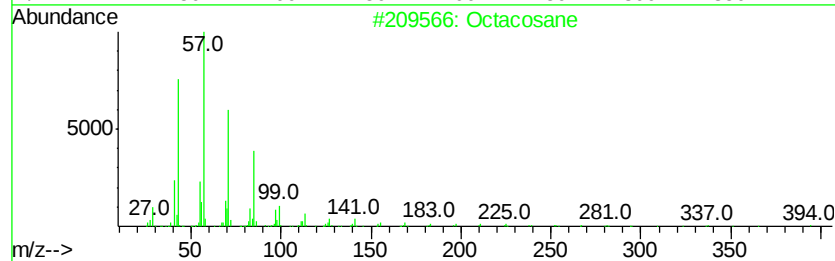
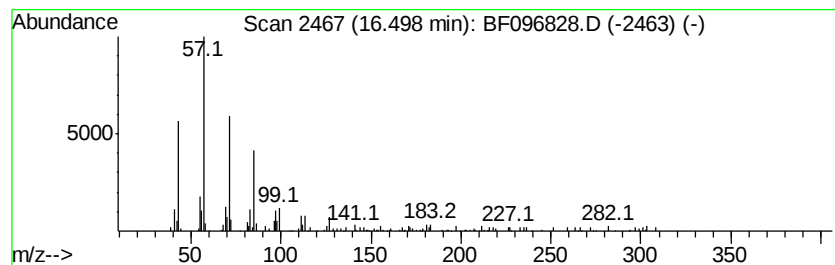
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	5.62 ng	150952	Perylene-d12	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	87
2			Hexadecane	226	C16H34	000544-76-3	87
3			Eicosane	282	C20H42	000112-95-8	83
4			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	81
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
Operator : SJ/JU
Sample : I4203-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

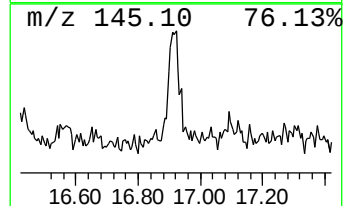
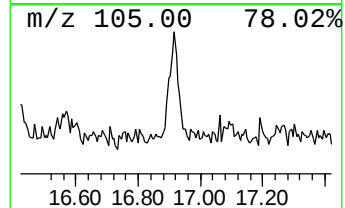
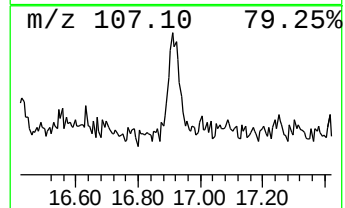
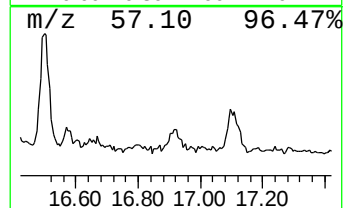
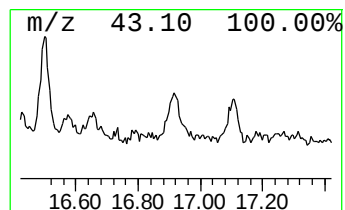
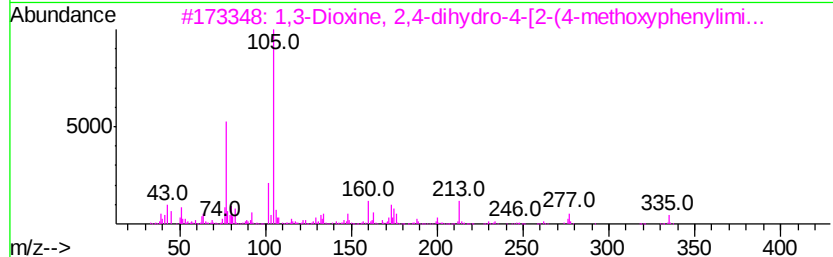
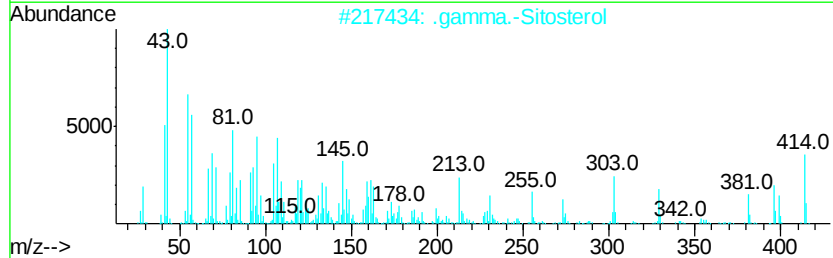
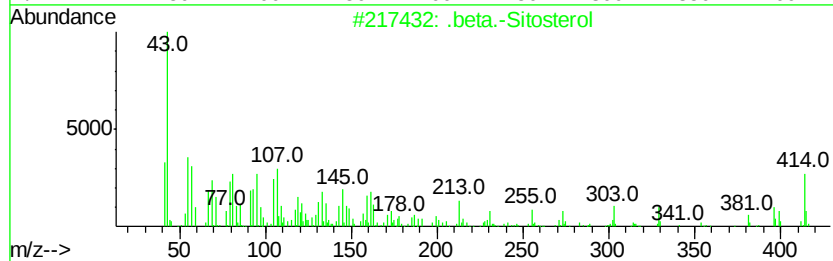
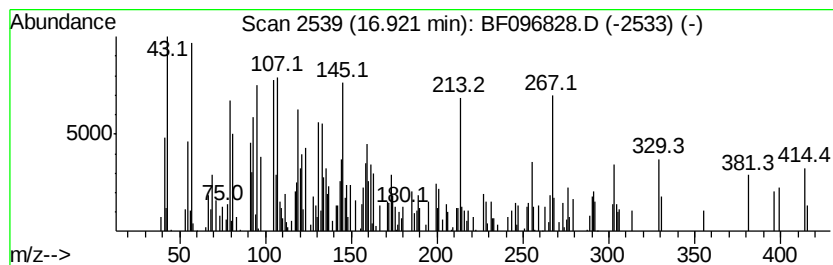
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BNA_F
ClientSampleId :
NB-SB04A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	10.23 ng	274539	Perylene-d12	15.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 60
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 41
3		1,3-Dioxine, 2,4-dihydro-4-[2-(4...	335 C21H21NO3	1000265-45-7 10
4		Phosphine, bis[5-methyl-2-(1-met...	310 C20H39P	062238-19-1 9
5		5.alpha.-Stigmast-9(11)-en-3.bet...	414 C29H50O	077794-81-1 9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096828.D
Acq On : 17 Jul 2017 19:18
Operator : SJ/JU
Sample : I4203-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-SB04A

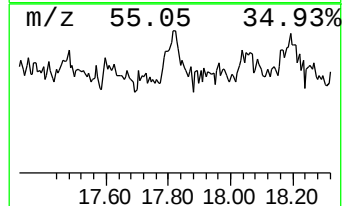
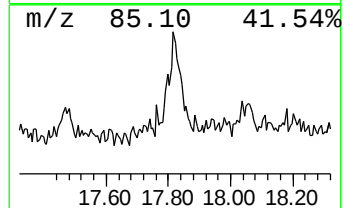
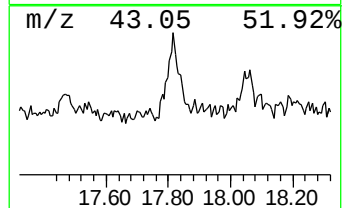
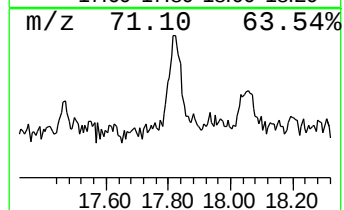
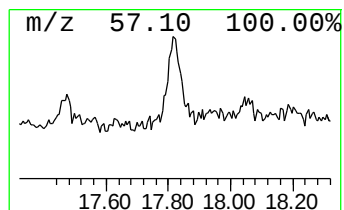
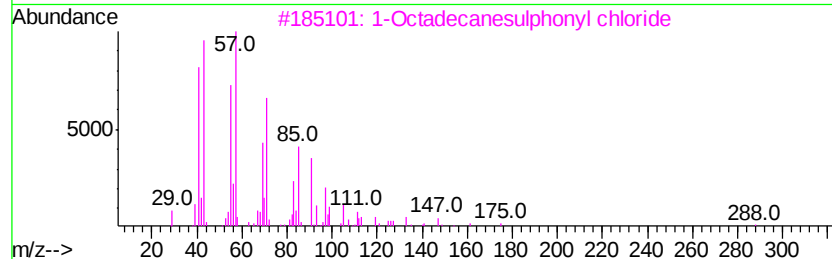
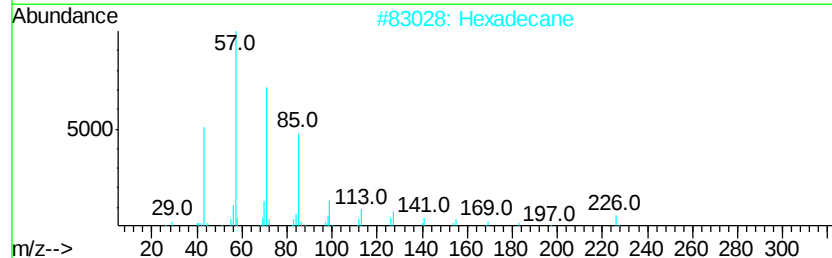
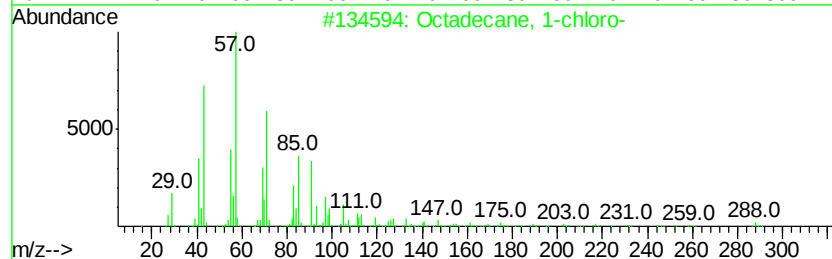
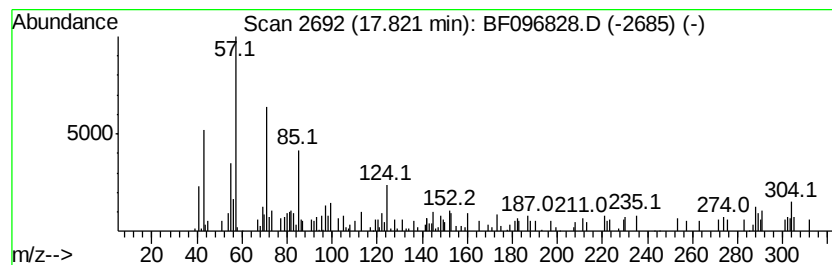
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.82 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.55 ng	202719	Perylene-d12	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49
2			Hexadecane	226	C16H34	000544-76-3	46
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	46
4			Hentriacontane	437	C31H64	000630-04-6	43
5			Heneicosane	296	C21H44	000629-94-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
 Data File : BF096828.D
 Acq On : 17 Jul 2017 19:18
 Operator : SJ/JU
 Sample : I4203-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
2-Pentanone, 4-hy...	4.79	9.4	ng	300827	1	6.61	639842	20.0
unknown6.39	6.39	70.8	ng	2264770	1	6.61	639842	20.0
Tridecane	9.06	5.7	ng	232921	3	9.64	824536	20.0
Undecane, 2,5-dim...	10.30	6.5	ng	267124	3	9.64	824536	20.0
Pentadecane, 2,6,...	10.57	16.9	ng	469899	4	11.11	557251	20.0
3-Methyl-4-(metho...	11.00	7.1	ng	197410	4	11.11	557251	20.0
Hexadecane	11.03	4.8	ng	133479	4	11.11	557251	20.0
Tridecane, 1-iodo-	11.43	5.7	ng	159894	4	11.11	557251	20.0
Anthracene, 1-met...	11.62	7.6	ng	210970	4	11.11	557251	20.0
Anthracene, 9-met...	11.64	6.1	ng	171207	4	11.11	557251	20.0
n-Hexadecanoic acid	11.66	8.7	ng	242736	4	11.11	557251	20.0
Phenanthrene, 2-m...	11.69	4.7	ng	131373	4	11.11	557251	20.0
4H-Cyclopenta[def...	11.72	7.7	ng	214218	4	11.11	557251	20.0
Perylene	15.00	14.7	ng	393470	6	15.12	536765	20.0
Octadecane, 2-met...	15.54	17.4	ng	466558	6	15.12	536765	20.0
Octacosane	16.50	5.6	ng	150952	6	15.12	536765	20.0
.beta.-Sitosterol	16.92	10.2	ng	274539	6	15.12	536765	20.0
unknown17.82	17.82	7.5	ng	202719	6	15.12	536765	20.0