

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095177.D
 Acq On : 17 May 2017 2:24
 Operator : SJ/MA
 Sample : I3153-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-2-4

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-BF050217.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	5.119	537	541	561	rBV	126275	241720	12.08%	0.668%
2	5.748	644	648	676	rBV	610153	1327124	66.30%	3.666%
3	7.313	910	914	931	rBV	792183	1331105	66.50%	3.677%
4	7.437	931	935	951	rVV	1057155	1618426	80.85%	4.471%
5	7.778	988	993	1003	rBV	348632	447239	22.34%	1.235%
6	8.013	1028	1033	1046	rBV	1008490	1251599	62.52%	3.457%
7	8.372	1090	1094	1102	rVV4	30337	47137	2.35%	0.130%
8	8.672	1141	1145	1157	rVV	590980	827573	41.34%	2.286%
9	8.784	1161	1164	1168	rVB	86203	87200	4.36%	0.241%
10	8.960	1190	1194	1201	rVB5	24721	43365	2.17%	0.120%
11	9.031	1201	1206	1210	rBV4	38080	46892	2.34%	0.130%
12	9.213	1232	1237	1241	rVV4	47306	77770	3.88%	0.215%
13	9.383	1261	1266	1271	rBV5	29368	49267	2.46%	0.136%
14	9.489	1281	1284	1289	rVB2	51104	63323	3.16%	0.175%
15	9.554	1289	1295	1303	rBV3	44798	96438	4.82%	0.266%
16	9.648	1308	1311	1315	rBV5	24890	42475	2.12%	0.117%
17	9.789	1326	1335	1344	rBV	510710	802445	40.09%	2.217%
18	9.866	1344	1348	1354	rVB	217326	245478	12.26%	0.678%
19	9.989	1366	1369	1374	rVB	110676	136331	6.81%	0.377%
20	10.066	1379	1382	1389	rVB4	38705	59854	2.99%	0.165%
21	10.154	1390	1397	1400	rBV4	85488	141216	7.05%	0.390%
22	10.266	1413	1416	1421	rVB5	37243	71336	3.56%	0.197%
23	10.325	1421	1426	1429	rBV3	56675	88214	4.41%	0.244%
24	10.401	1437	1439	1443	rVV4	49855	58678	2.93%	0.162%
25	10.448	1444	1447	1451	rVB4	46332	60673	3.03%	0.168%
26	10.507	1454	1457	1460	rBV2	53404	68204	3.41%	0.188%
27	10.536	1460	1462	1465	rVV2	42717	56251	2.81%	0.155%
28	10.578	1465	1469	1472	rVV	208387	254986	12.74%	0.704%
29	10.701	1486	1490	1497	rVB5	69169	113800	5.68%	0.314%
30	10.854	1512	1516	1521	rVB	480681	483826	24.17%	1.337%
31	11.007	1538	1542	1545	rVB3	76528	110155	5.50%	0.304%
32	11.048	1545	1549	1552	rBV4	29116	45861	2.29%	0.127%
33	11.166	1567	1569	1573	rVB4	46597	53602	2.68%	0.148%
34	11.319	1592	1595	1597	rBV	114888	123531	6.17%	0.341%

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35	11.342	1597	1599	1604	rVB3	56512	51676	2.58%	0.143%
36	11.389	1604	1607	1611	rVB2	116694	128235	6.41%	0.354%
37	11.448	1614	1617	1624	rBV	126528	142560	7.12%	0.394%
38	11.513	1624	1628	1632	rBV3	161120	244052	12.19%	0.674%
39	11.560	1632	1636	1641	rBV2	1701202	2001804	100.00%	5.530%
40	11.666	1649	1654	1658	rBV	333315	460384	23.00%	1.272%
41	11.707	1658	1661	1664	rVV2	74163	88666	4.43%	0.245%
42	11.777	1669	1673	1680	rVV	833399	1132485	56.57%	3.128%
43	11.966	1702	1705	1708	rBV5	40715	65620	3.28%	0.181%
44	12.083	1722	1725	1730	rVB4	80991	137691	6.88%	0.380%
45	12.124	1730	1732	1733	rBV	68513	57523	2.87%	0.159%
46	12.154	1733	1737	1741	rVV	295354	384975	19.23%	1.063%
47	12.195	1741	1744	1748	rVV4	115151	204200	10.20%	0.564%
48	12.254	1748	1754	1757	rVV4	251238	467538	23.36%	1.292%
49	12.307	1757	1763	1766	rVV	539061	816033	40.76%	2.254%
50	12.336	1766	1768	1774	rVV3	187322	331783	16.57%	0.917%
51	12.401	1775	1779	1783	rVV3	223748	339498	16.96%	0.938%
52	12.477	1787	1792	1797	rVB2	422488	720201	35.98%	1.989%
53	12.624	1813	1817	1818	rBV	472243	547192	27.33%	1.512%
54	12.648	1818	1821	1825	rVV	1137639	1306823	65.28%	3.610%
55	12.701	1827	1830	1834	rBV5	91421	133695	6.68%	0.369%
56	12.930	1866	1869	1872	rBV2	92211	124137	6.20%	0.343%
57	13.024	1882	1885	1889	rVB4	104987	151225	7.55%	0.418%
58	13.072	1889	1893	1896	rVB2	187223	249789	12.48%	0.690%
59	13.119	1897	1901	1905	rBV3	152483	235197	11.75%	0.650%
60	13.166	1906	1909	1915	rVB	351092	511174	25.54%	1.412%
61	13.224	1916	1919	1924	rVB	197044	216730	10.83%	0.599%
62	13.289	1927	1930	1935	rVB2	123678	143257	7.16%	0.396%
63	13.466	1955	1960	1964	rBV	1280409	1461742	73.02%	4.038%
64	13.613	1983	1985	1990	rBV3	72097	88755	4.43%	0.245%
65	13.824	2015	2021	2025	rVB	520013	747712	37.35%	2.065%
66	13.924	2034	2038	2041	rBV2	491730	685393	34.24%	1.893%
67	14.236	2087	2091	2093	rBV	1043718	1307239	65.30%	3.611%
68	14.260	2093	2095	2101	rVB	980101	1266391	63.26%	3.498%
69	14.607	2151	2154	2159	rVB2	120192	164949	8.24%	0.456%
70	14.654	2159	2162	2166	rVB4	141511	173885	8.69%	0.480%
71	14.966	2211	2215	2219	rBV	860141	950851	47.50%	2.627%

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72	15.018	2219	2224	2230	rBV2	671939	1206158	60.25%	3.332%
73	15.342	2277	2279	2283	rBV4	75370	112378	5.61%	0.310%
74	15.554	2312	2315	2319	rVV	113155	150949	7.54%	0.417%
75	15.624	2323	2327	2332	rVB	700575	778166	38.87%	2.150%
76	16.048	2397	2399	2402	rVB2	98760	87054	4.35%	0.240%
77	16.212	2424	2427	2431	rBV	449431	484975	24.23%	1.340%
78	16.607	2491	2494	2500	rBV5	76727	111679	5.58%	0.309%
79	16.759	2516	2520	2523	rBV	276378	293014	14.64%	0.809%
80	17.071	2571	2573	2577	rBV5	41492	50212	2.51%	0.139%
81	17.112	2578	2580	2583	rVB	64804	54793	2.74%	0.151%
82	17.259	2601	2605	2608	rVB	179951	173377	8.66%	0.479%
83	17.342	2614	2619	2628	rVB	1020239	1131501	56.52%	3.126%
84	17.724	2682	2684	2690	rVB	79054	78382	3.92%	0.217%
85	18.471	2807	2811	2815	rVB	224715	245367	12.26%	0.678%
86	18.589	2828	2831	2834	rBV3	30916	44960	2.25%	0.124%
87	18.695	2844	2849	2853	rBV	421437	543231	27.14%	1.501%
88	18.871	2875	2879	2884	rVV	258858	268464	13.41%	0.742%
89	18.924	2884	2888	2891	rVV	333825	363104	18.14%	1.003%
90	18.959	2891	2894	2897	rVV	118088	119856	5.99%	0.331%
91	18.995	2897	2900	2904	rVB	129162	131970	6.59%	0.365%
92	19.371	2958	2964	2969	rBV4	63917	102522	5.12%	0.283%
93	19.812	3035	3039	3042	rBV3	34220	48348	2.42%	0.134%
94	19.965	3061	3065	3068	rBV	47669	70986	3.55%	0.196%
95	20.259	3111	3115	3118	rBV	37617	46310	2.31%	0.128%
96	20.312	3122	3124	3129	rVV	38744	48651	2.43%	0.134%
97	20.371	3129	3134	3141	rVV	241838	354008	17.68%	0.978%
98	20.653	3178	3182	3186	rBV4	46113	67685	3.38%	0.187%
99	20.830	3209	3212	3217	rVB2	35463	46440	2.32%	0.128%
100	23.406	3643	3650	3658	rVB3	62922	171848	8.58%	0.475%

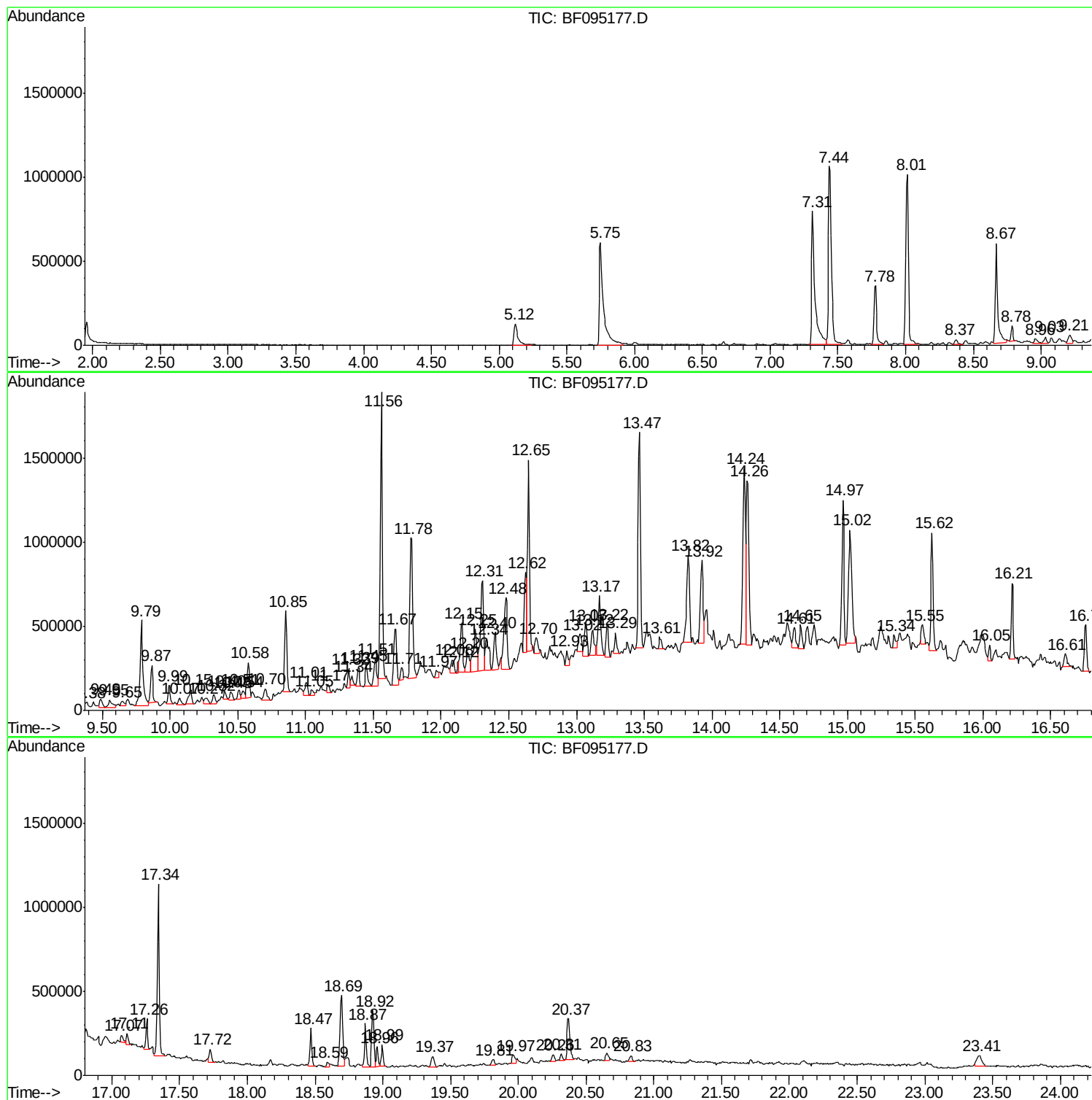
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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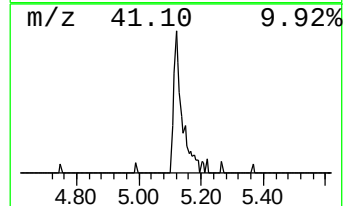
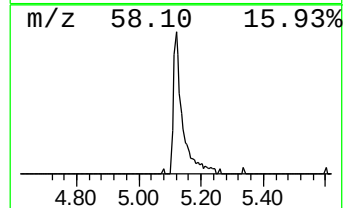
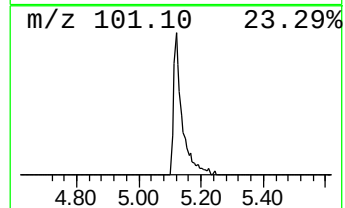
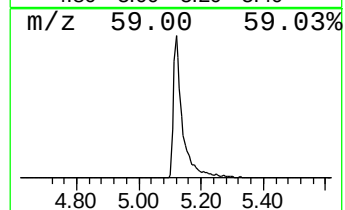
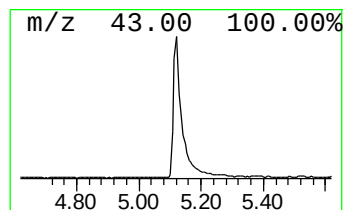
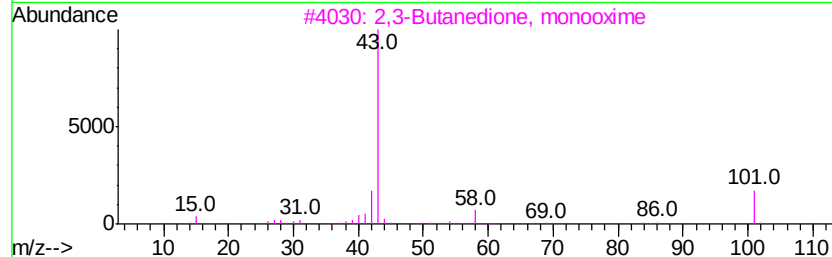
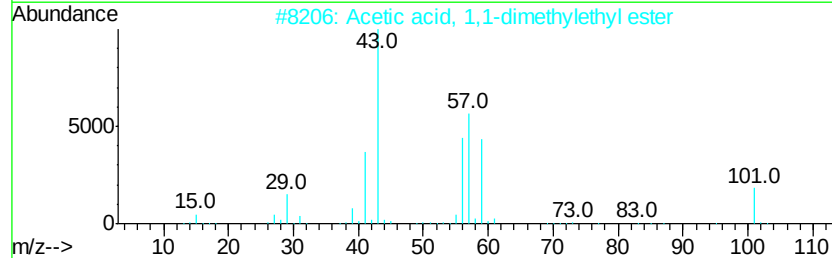
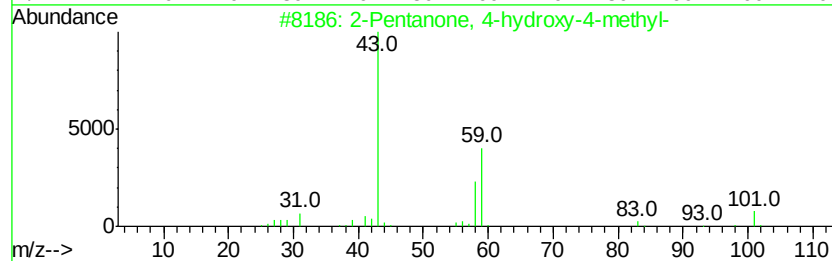
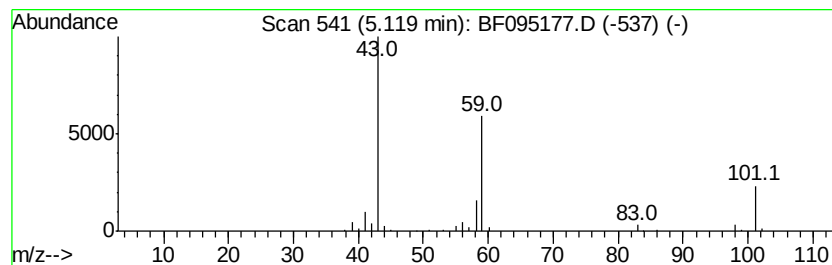
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.12	10.81 ng	241720	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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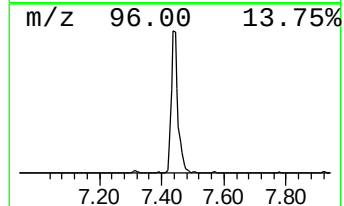
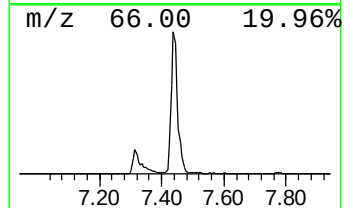
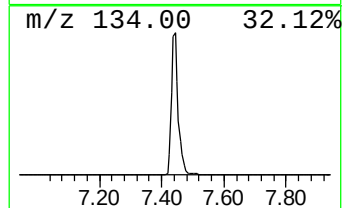
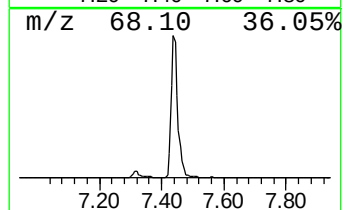
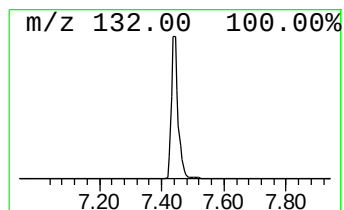
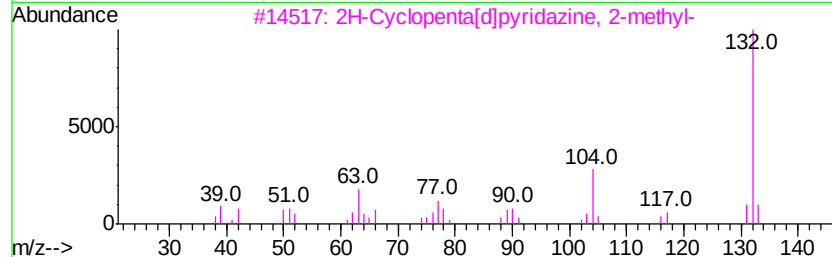
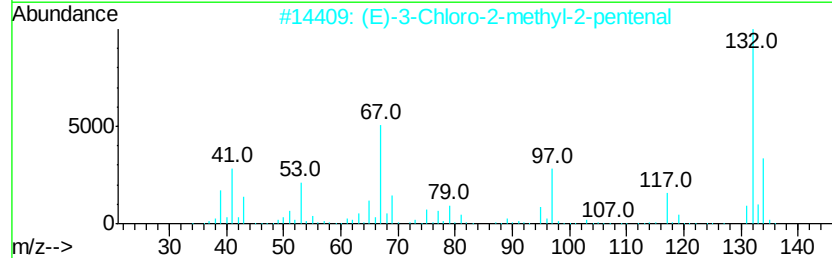
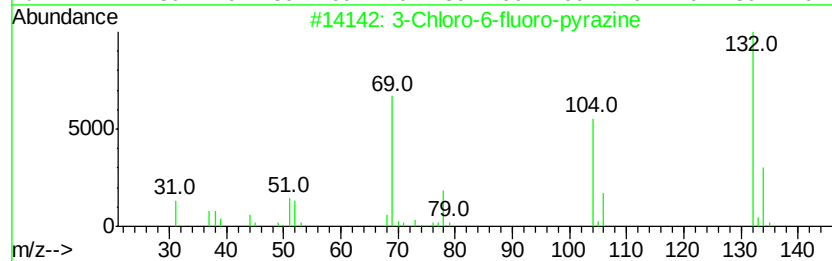
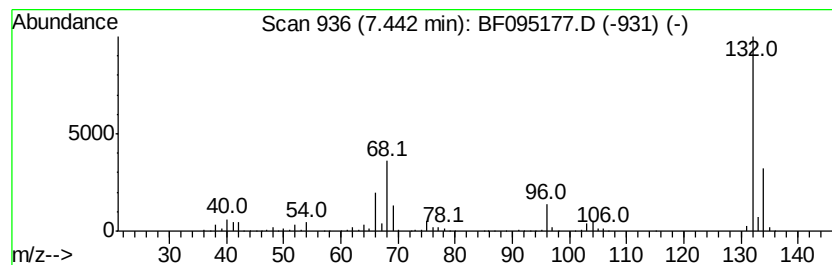
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Peak Number 2 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	72.37 ng	1618430	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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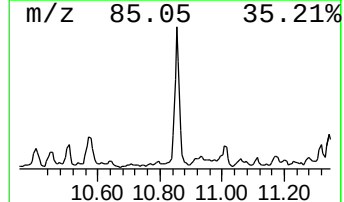
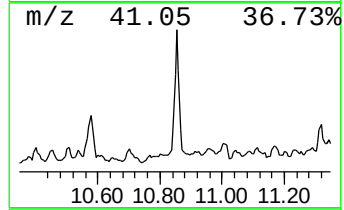
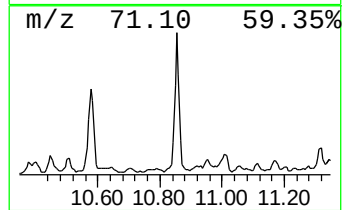
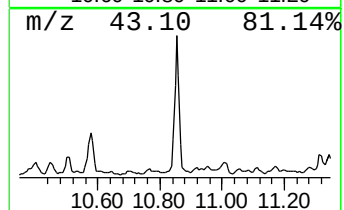
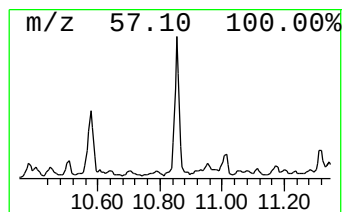
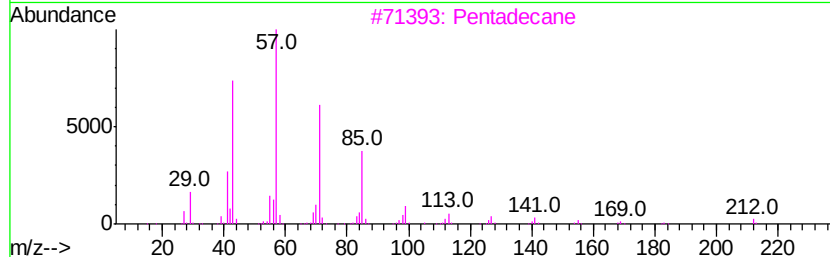
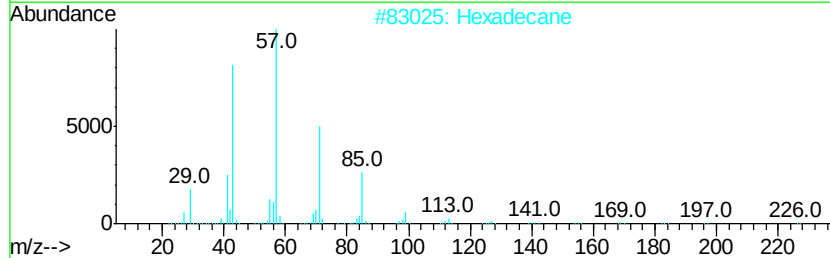
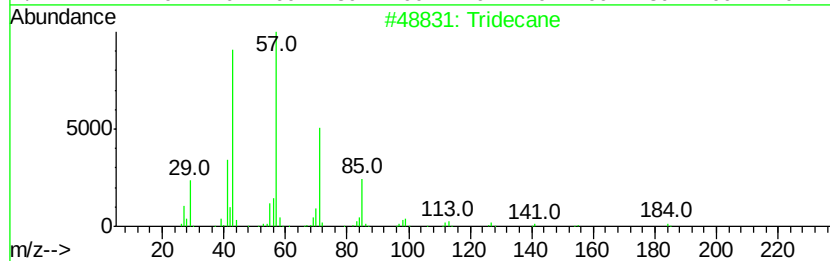
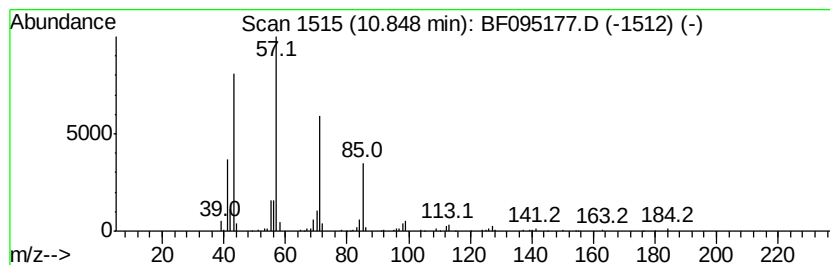
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Peak Number 4 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	12.06 ng	483826	Naphthalene-d8	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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Acq On : 17 May 2017 2:24
Operator : SJ/MA
Sample : I3153-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

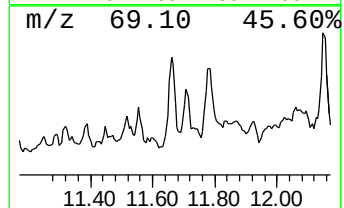
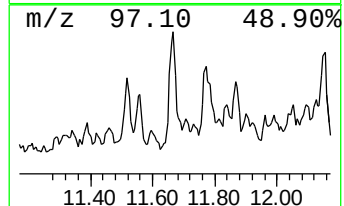
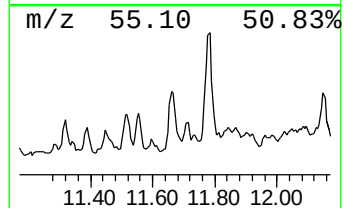
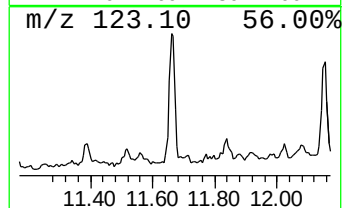
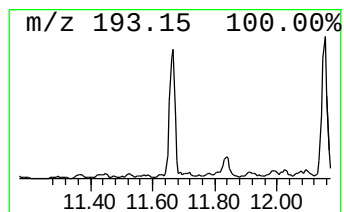
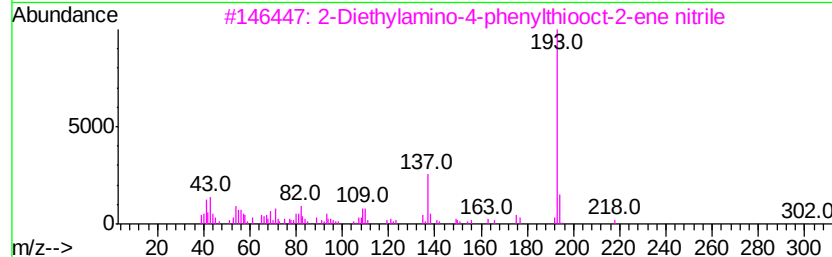
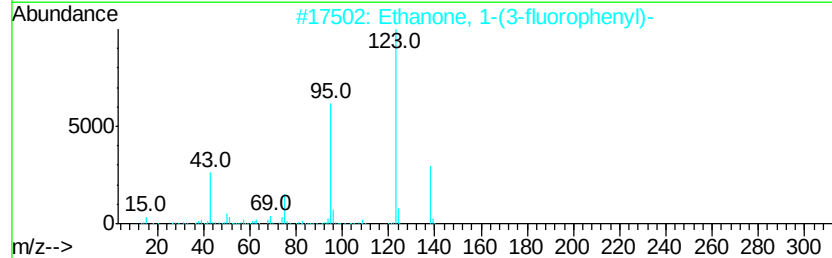
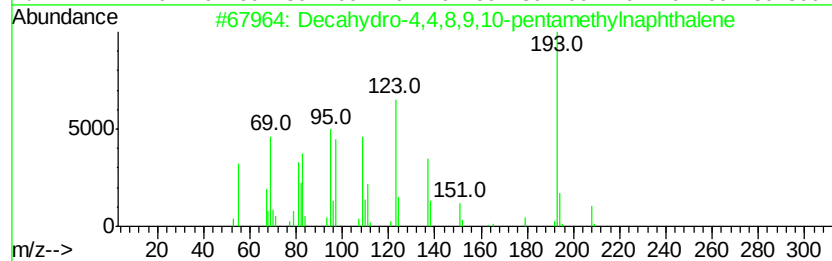
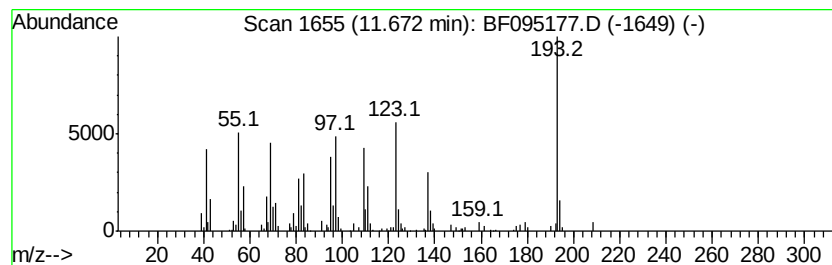
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ClientSampleId :
DS-2-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	16.83 ng	460384	Acenaphthene-d10	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 52
2		Ethanone, 1-(3-fluorophenyl)-	138 C8H7FO	000455-36-7 18
3		2-Diethylamino-4-phenylthiooct-2...	302 C18H26N2S	1000090-57-0 16
4		3-Fluorobenzoic acid, 2-ethylcyc...	250 C15H19FO2	1000279-04-9 14
5		Acridine, 9-methyl-	193 C14H11N	000611-64-3 14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095177.D
Acq On : 17 May 2017 2:24
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Sample : I3153-03
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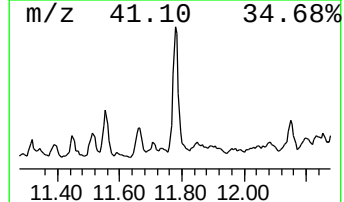
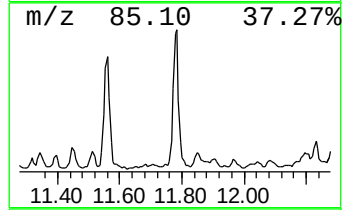
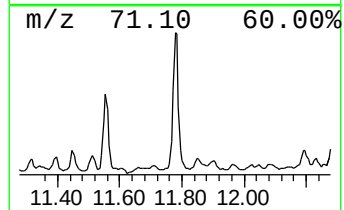
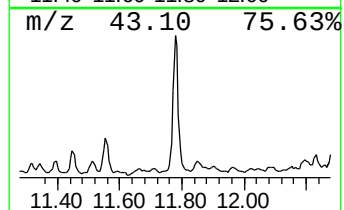
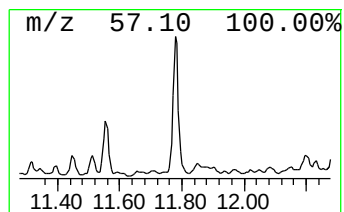
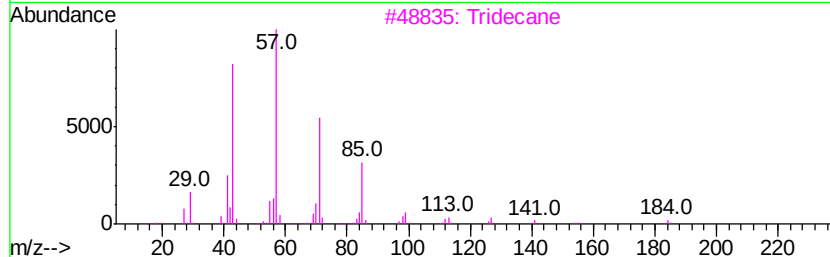
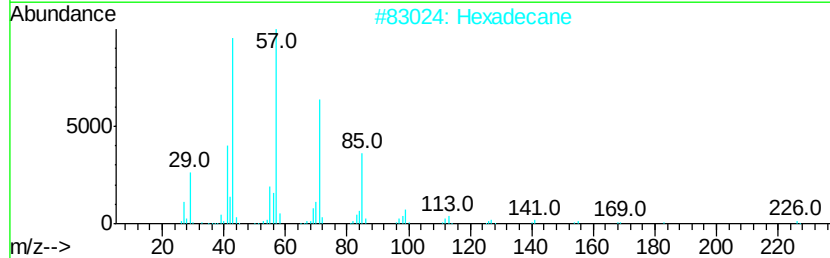
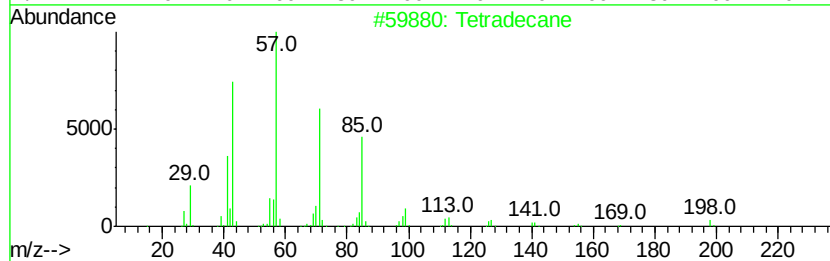
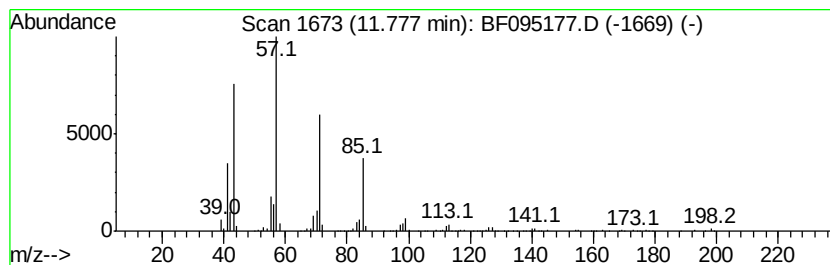
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	41.39 ng	1132490	Acenaphthene-d10	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 97
2		Hexadecane	226 C16H34	000544-76-3 91
3		Tridecane	184 C13H28	000629-50-5 90
4		Nonane, 5-butyl-	184 C13H28	017312-63-9 80
5		Decane, 3-bromo-	220 C10H21Br	030571-71-2 72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095177.D
Acq On : 17 May 2017 2:24
Operator : SJ/MA
Sample : I3153-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-2-4

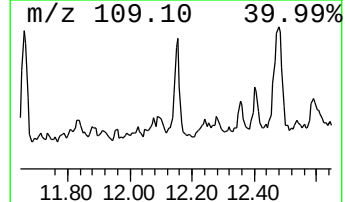
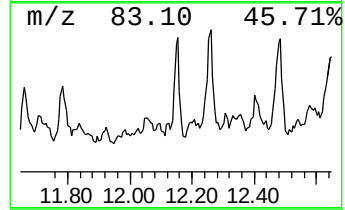
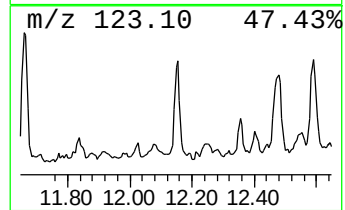
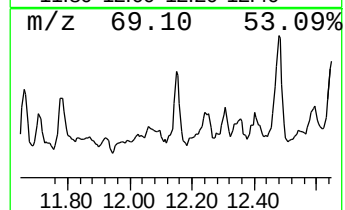
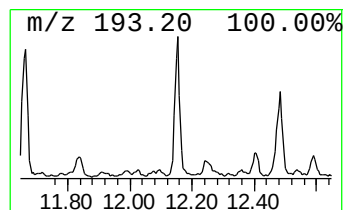
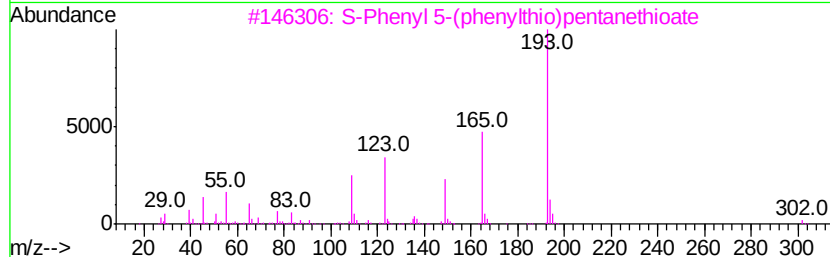
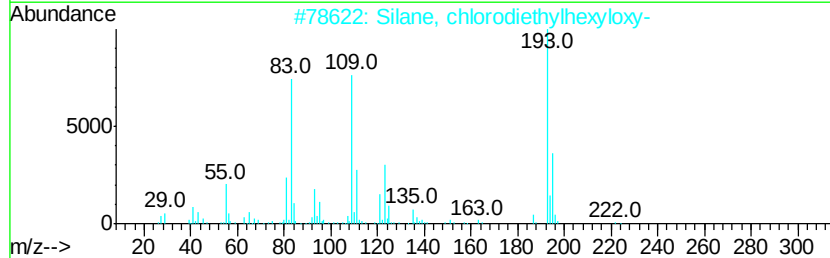
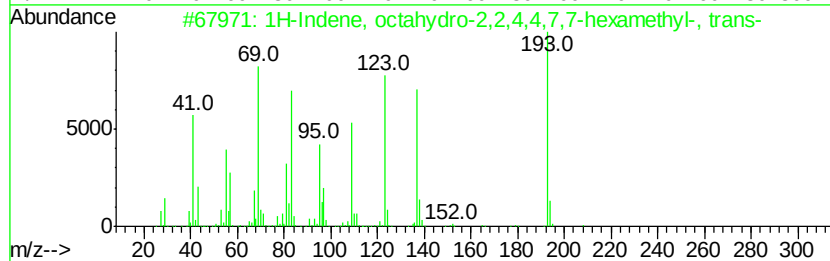
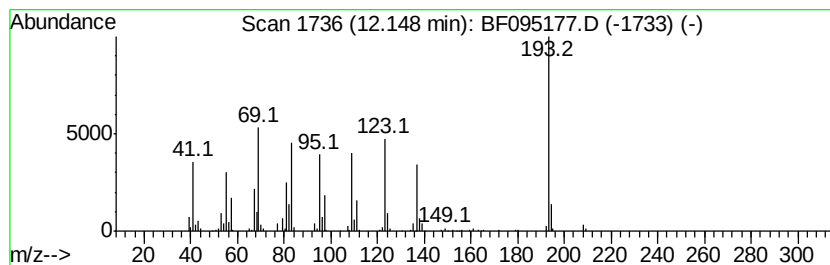
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, octahydro-2,2,4,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	14.07 ng	384975	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	50
2		Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	40
3		S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	38
4		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	37
5		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095177.D
Acq On : 17 May 2017 2:24
Operator : SJ/MA
Sample : I3153-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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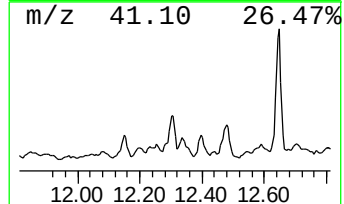
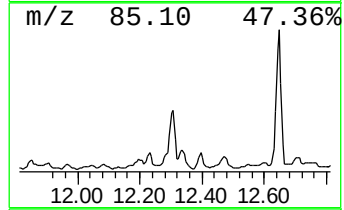
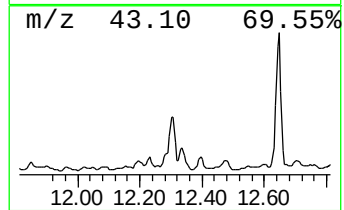
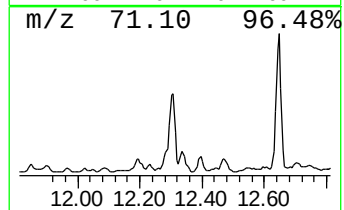
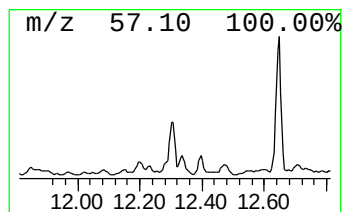
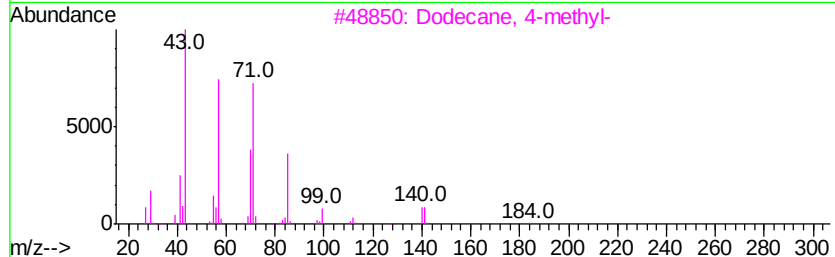
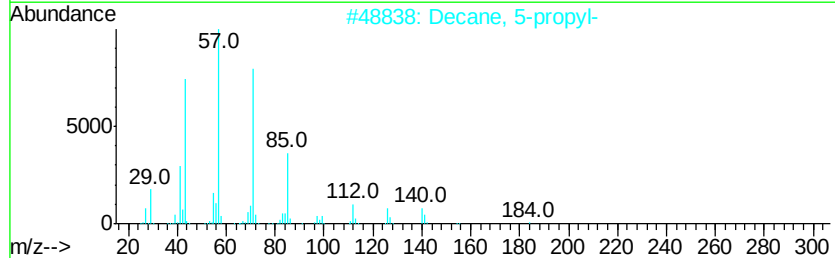
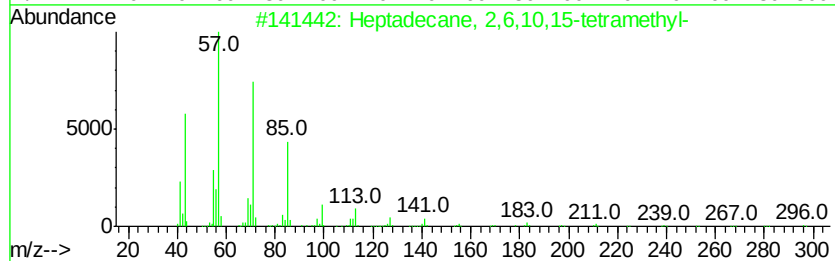
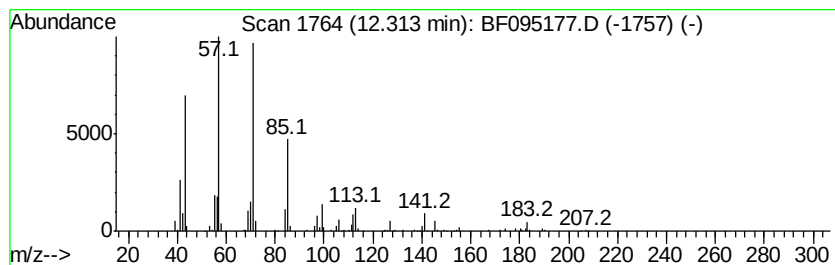
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	29.83 ng	816033	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Decane, 5-propyl-	184	C13H28	017312-62-8	87
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5		Octadecane	254	C18H38	000593-45-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
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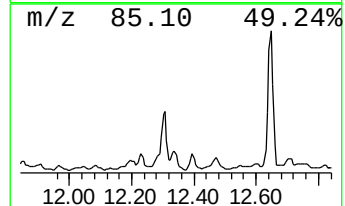
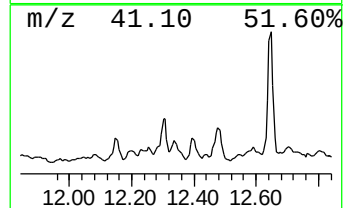
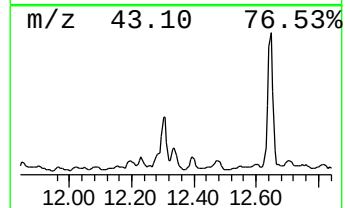
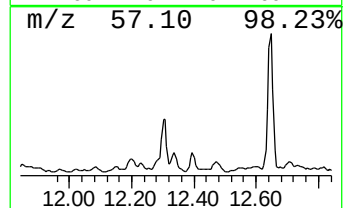
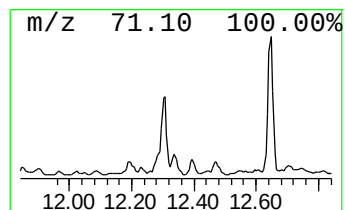
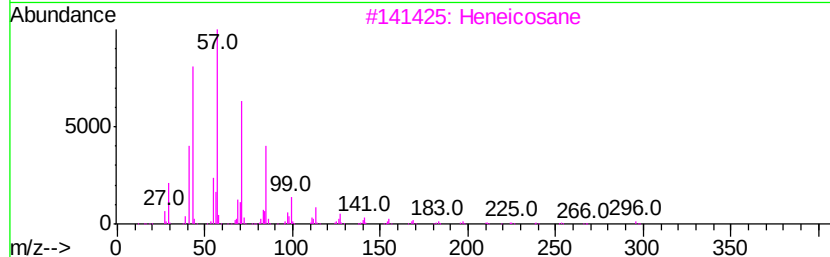
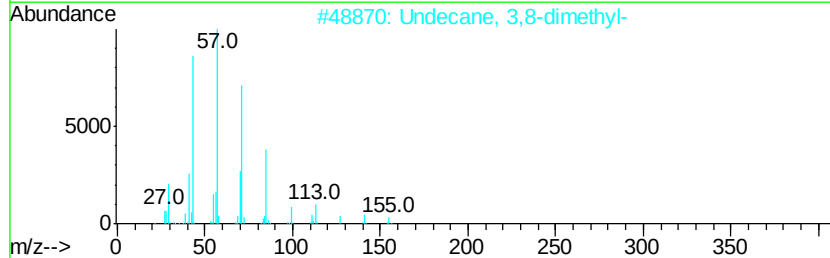
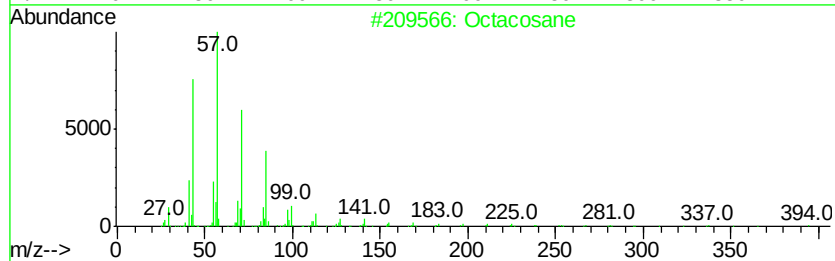
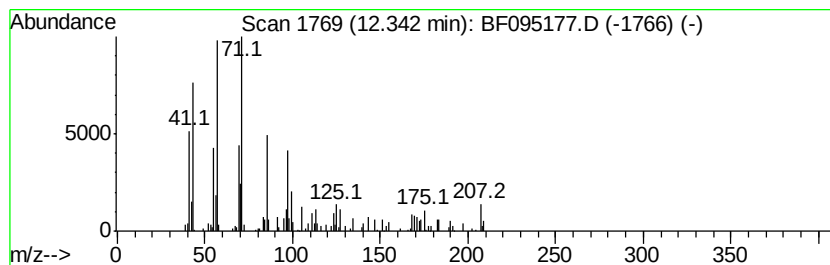
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	12.13 ng	331783	Acenaphthene-d10	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394	C28H58	000630-02-4 80
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3 80
3	Heneicosane	296	C21H44	000629-94-7 78
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7 78
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3 78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095177.D
Acq On : 17 May 2017 2:24
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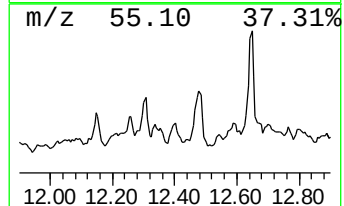
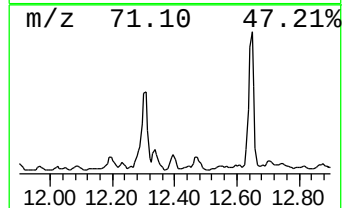
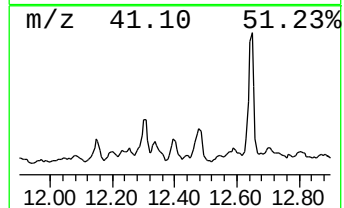
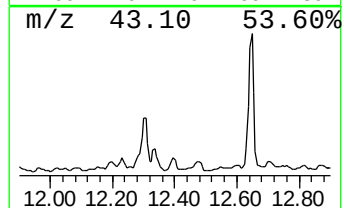
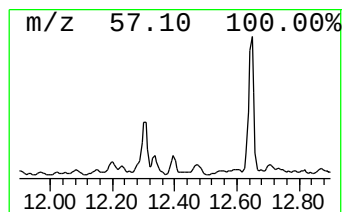
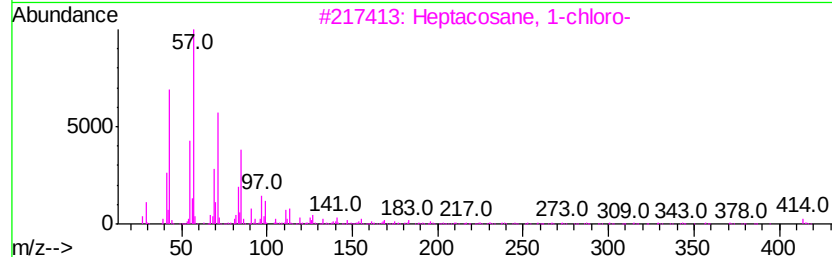
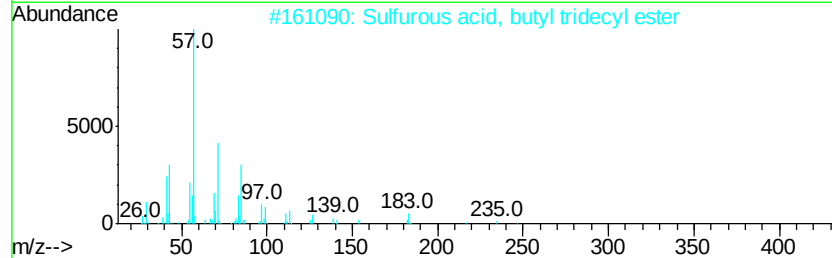
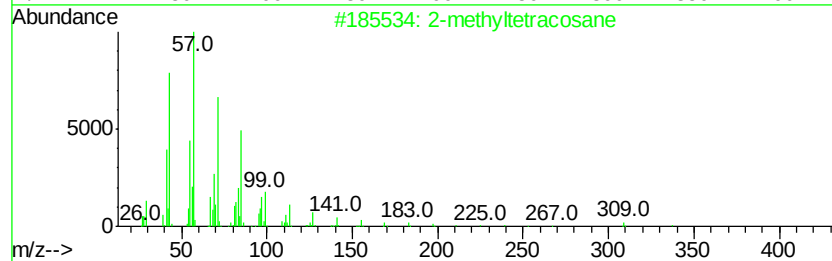
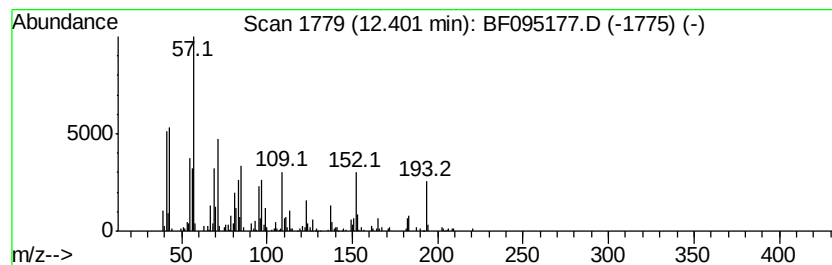
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.40 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	12.41 ng	339498	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyltetracosane	352	C25H52	1000376-72-6	38
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	30
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	30
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	30
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
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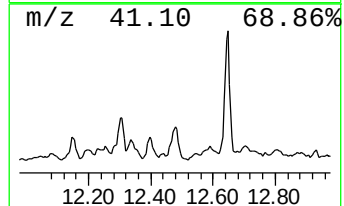
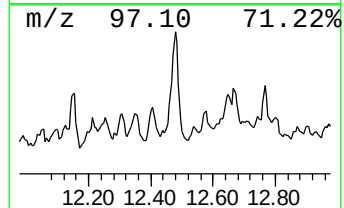
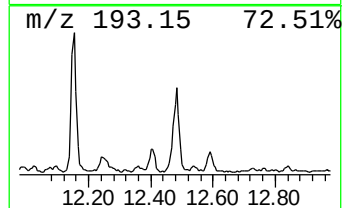
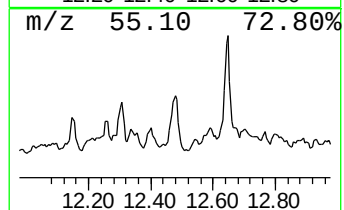
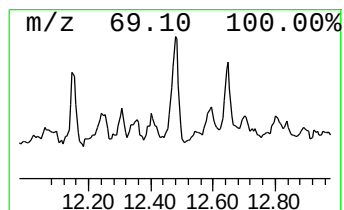
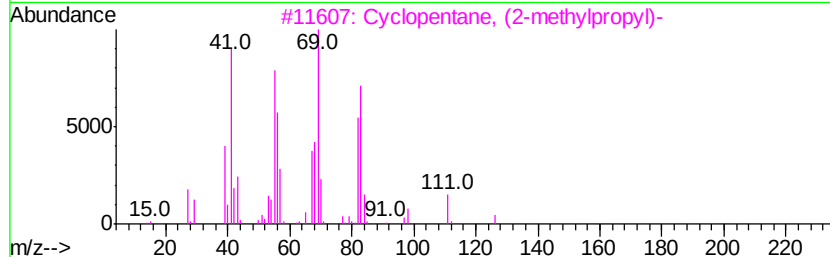
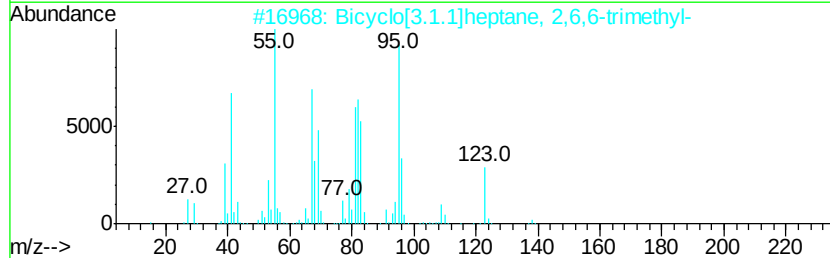
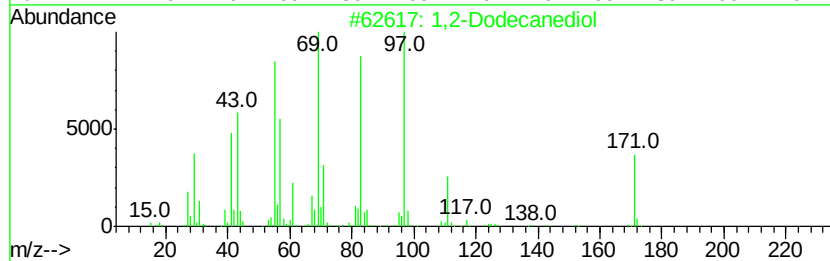
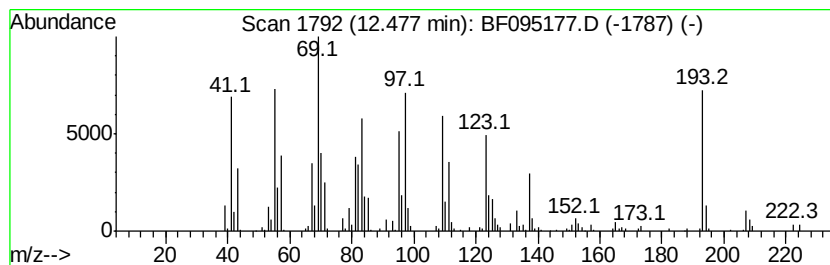
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.48 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	26.32 ng	720201	Acenaphthene-d10	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,2-Dodecanediol	202 C12H26O2	001119-87-5 35
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	000473-55-2 35
3		Cyclopentane, (2-methylpropyl)-	126 C9H18	003788-32-7 30
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	015358-88-0 27
5		Cyclohexane, (1,2-dimethylbutyl)-	168 C12H24	061142-37-8 22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095177.D
Acq On : 17 May 2017 2:24
Operator : SJ/MA
Sample : I3153-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
DS-2-4

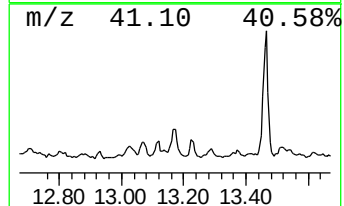
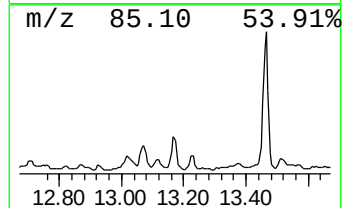
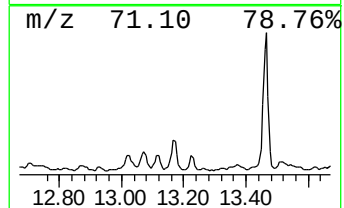
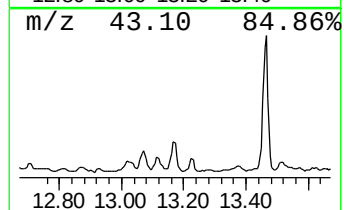
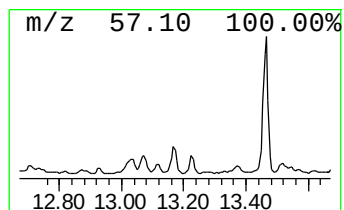
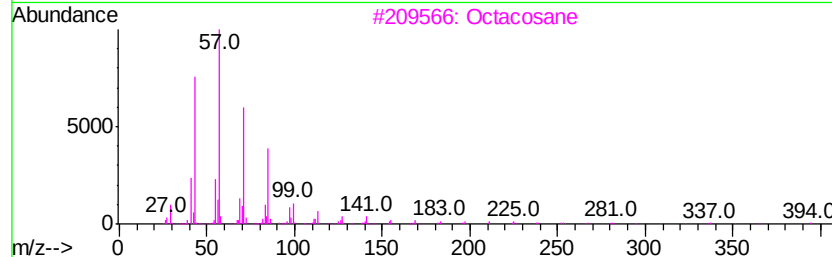
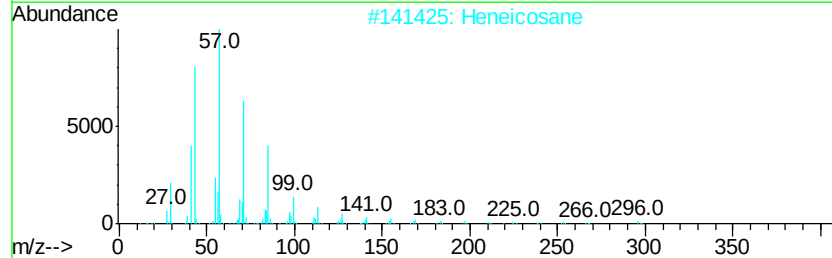
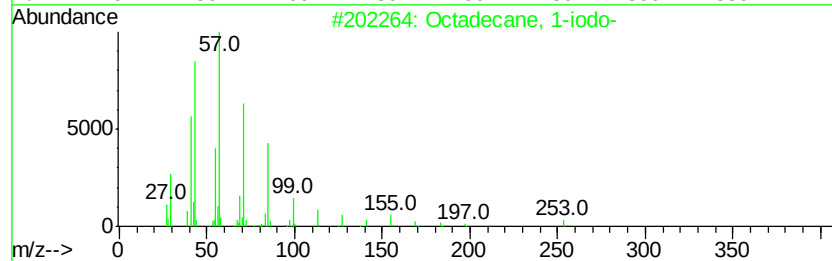
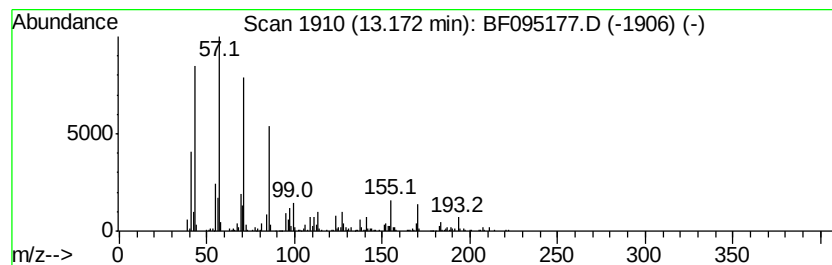
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	18.68 ng	511174	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
2		Heneicosane	296	C21H44	000629-94-7	74
3		Octacosane	394	C28H58	000630-02-4	74
4		Tetracosane	338	C24H50	000646-31-1	74
5		Dodecane	170	C12H26	000112-40-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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Acq On : 17 May 2017 2:24
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ClientSampleId :
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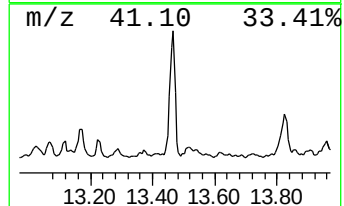
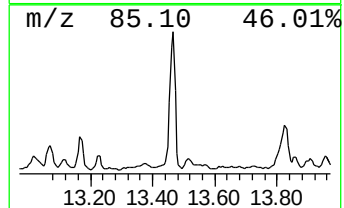
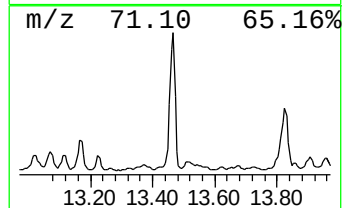
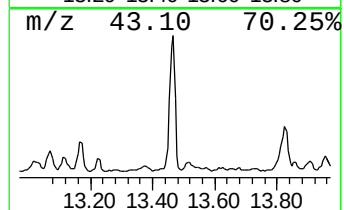
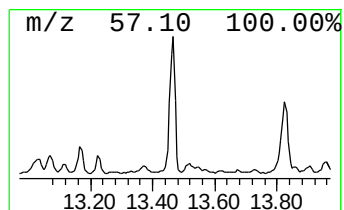
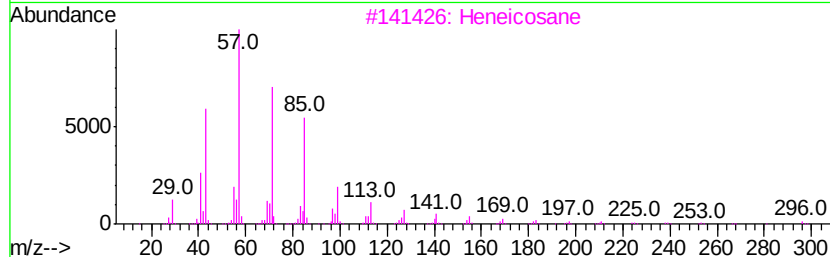
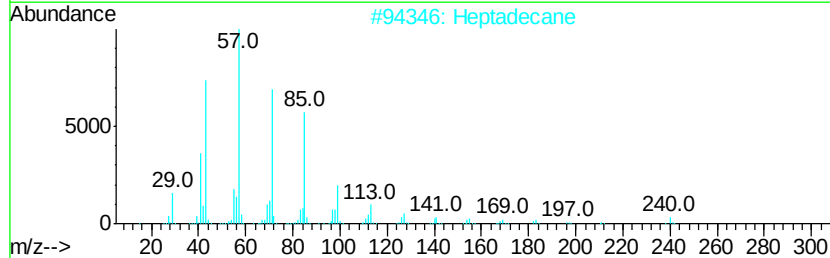
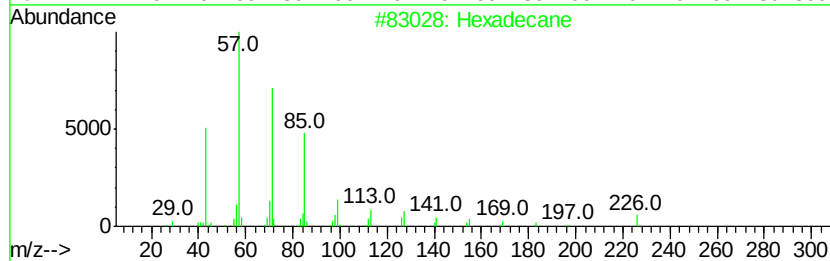
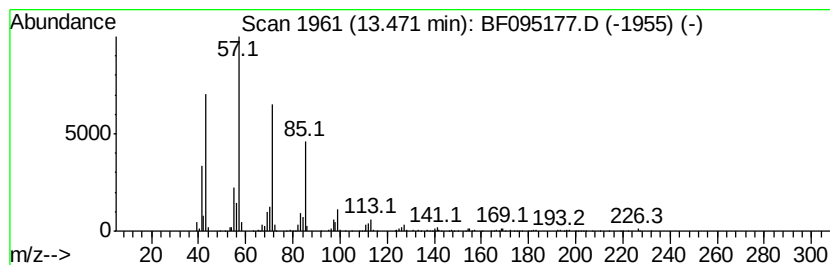
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	53.43 ng	1461740	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095177.D
Acq On : 17 May 2017 2:24
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Sample : I3153-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
DS-2-4

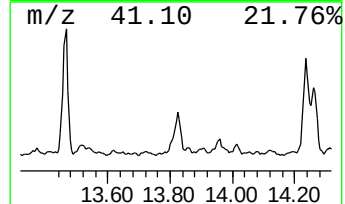
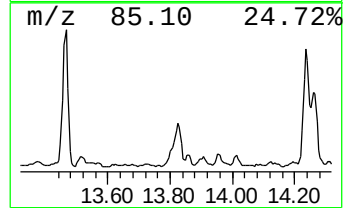
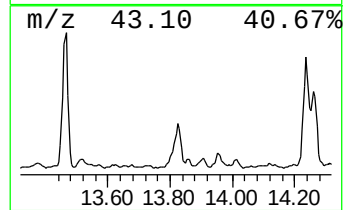
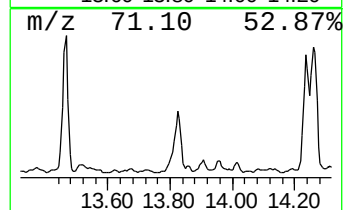
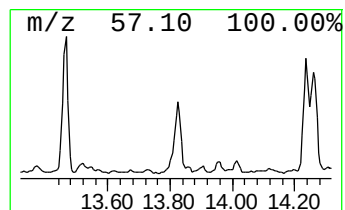
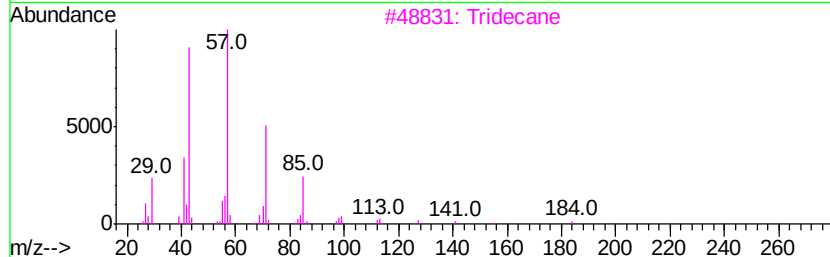
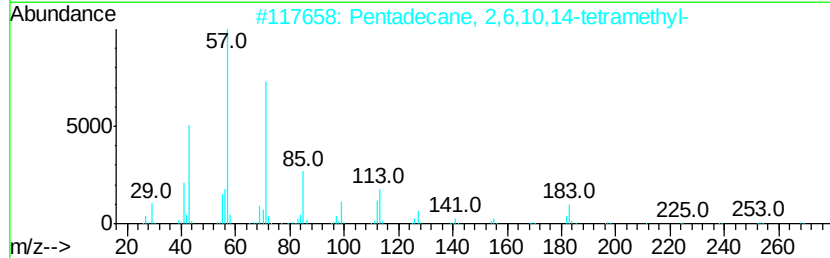
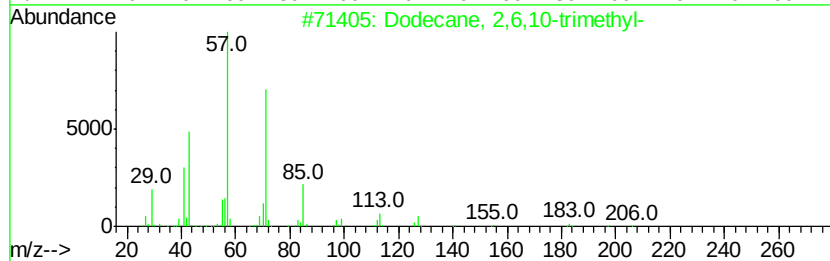
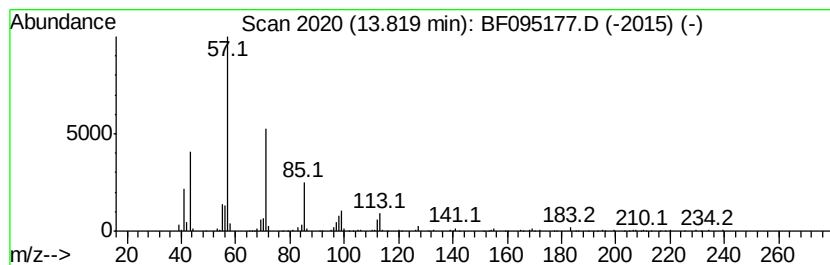
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	27.33 ng	747712	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3		Tridecane	184	C13H28	000629-50-5	64
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095177.D
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Sample : I3153-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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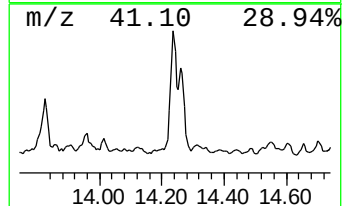
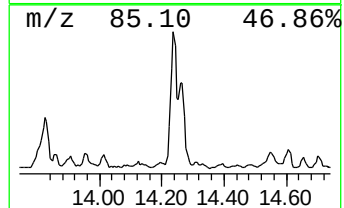
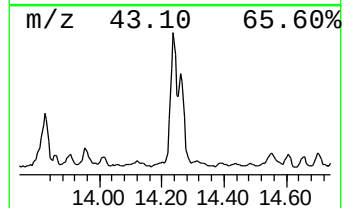
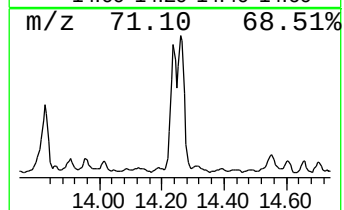
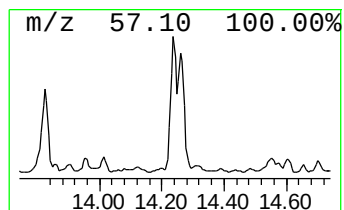
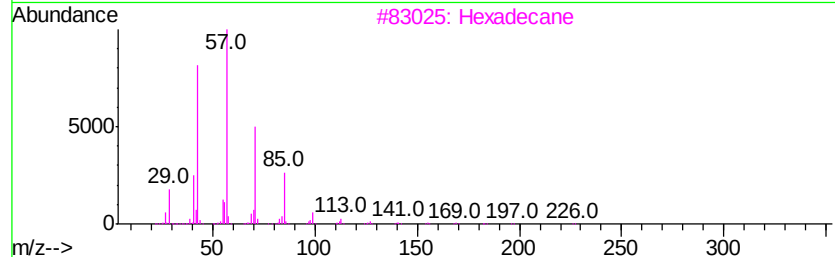
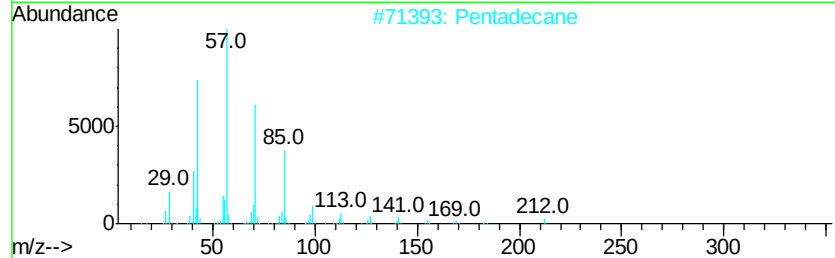
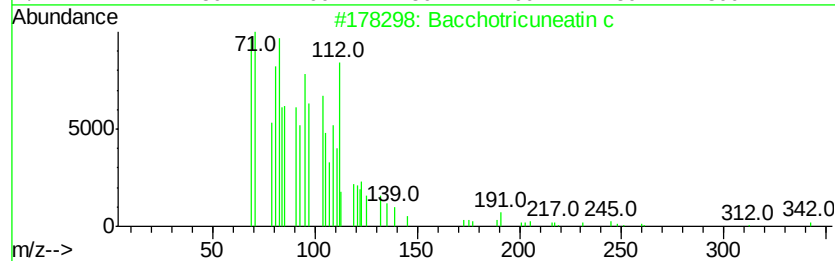
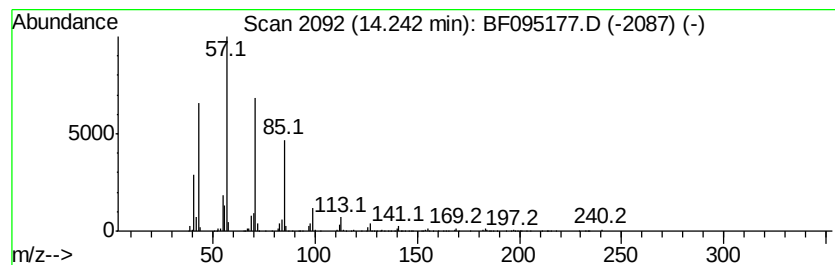
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Bacchotricuneatin c Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	21.68 ng	1307240	Phenanthrene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Pentadecane	212	C15H32	000629-62-9	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095177.D
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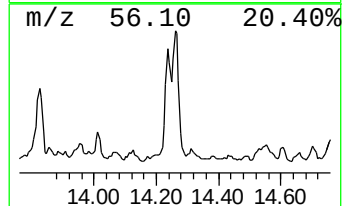
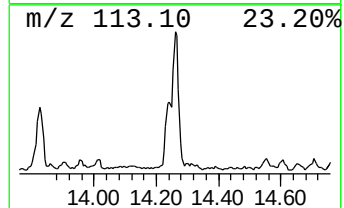
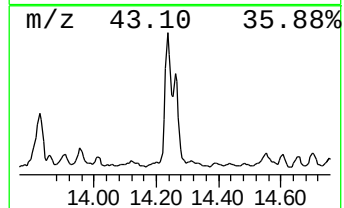
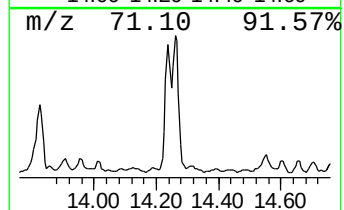
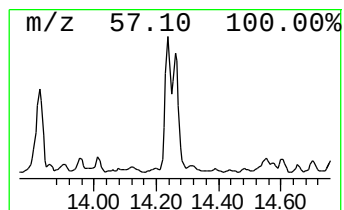
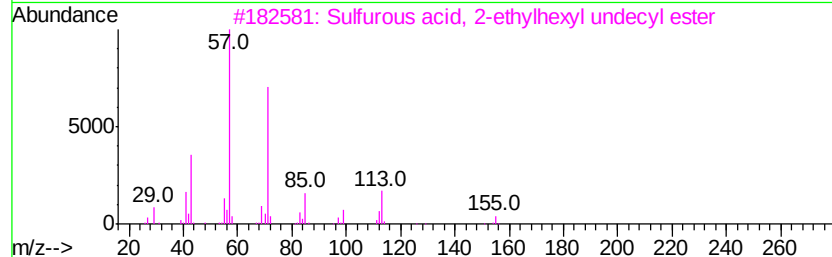
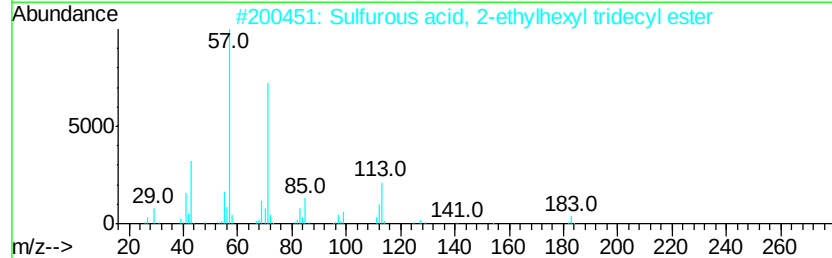
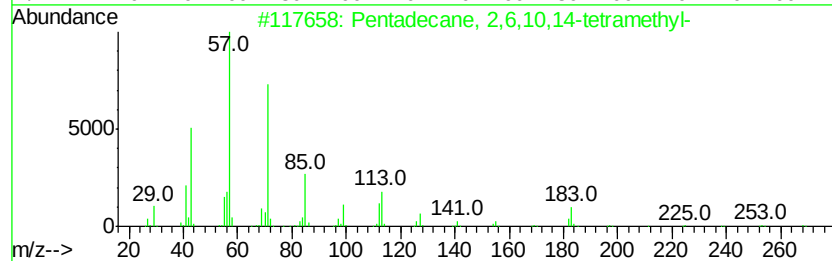
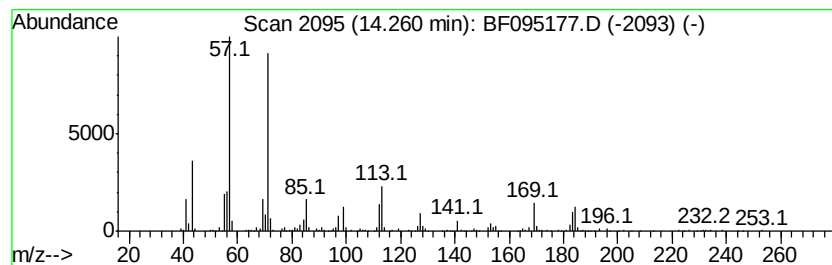
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	21.00 ng	1266390	Phenanthrene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
5		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
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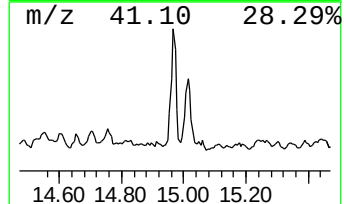
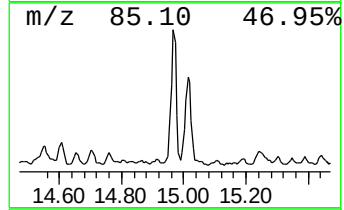
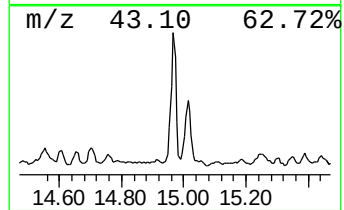
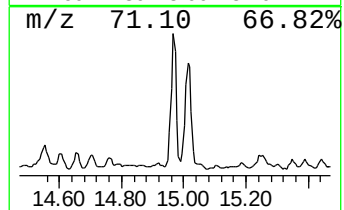
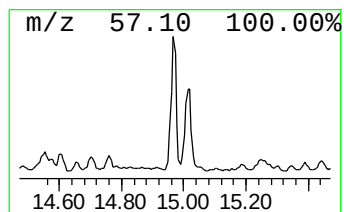
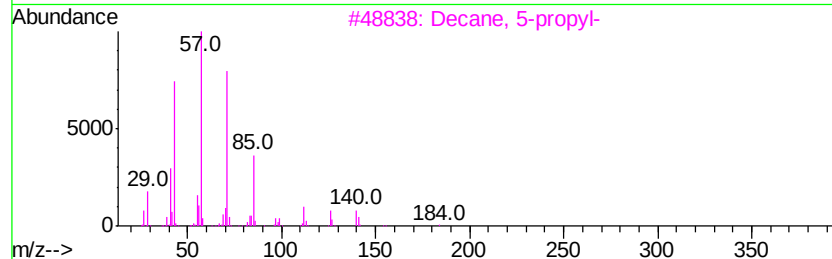
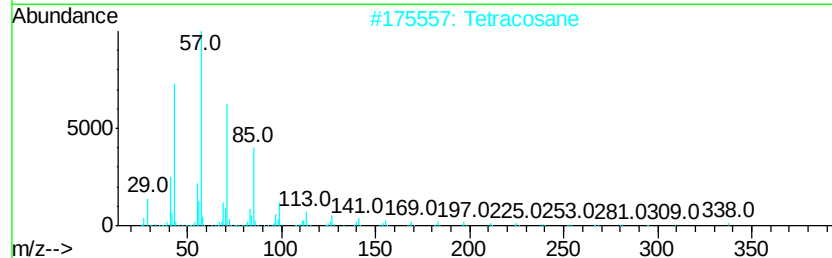
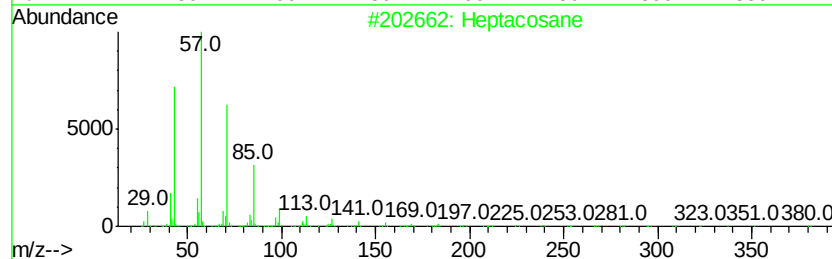
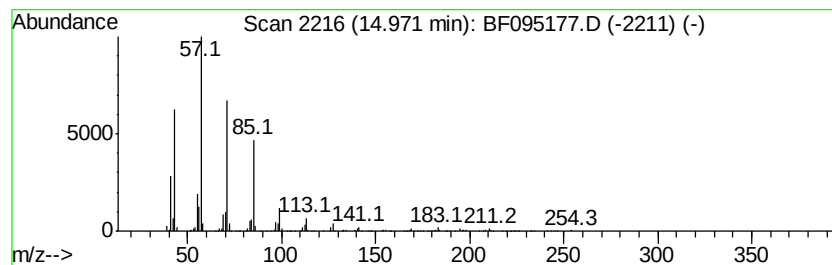
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	15.77 ng	950851	Phenanthrene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Decane, 5-propyl-	184	C13H28	017312-62-8	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
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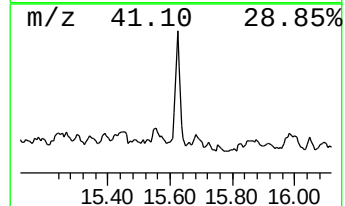
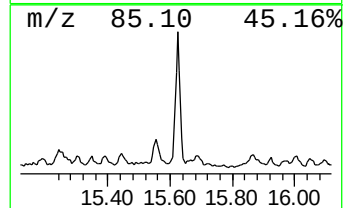
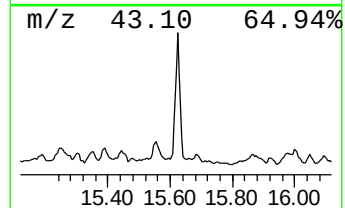
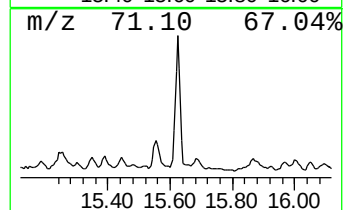
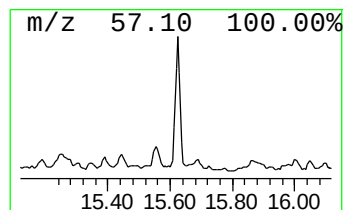
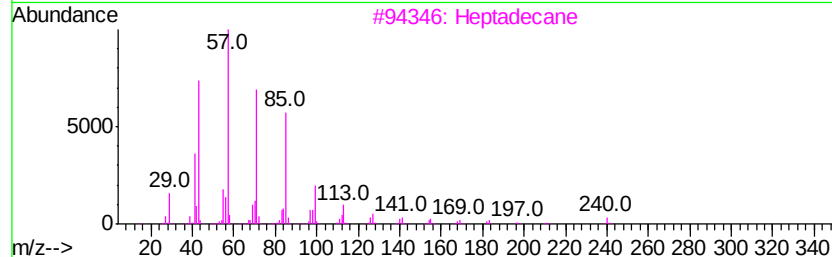
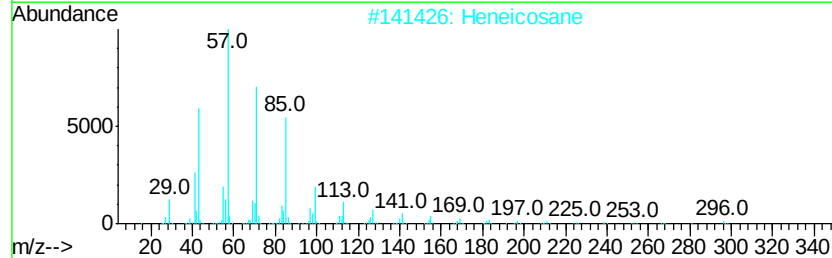
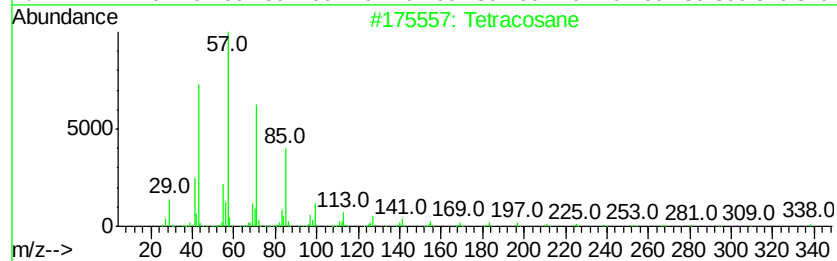
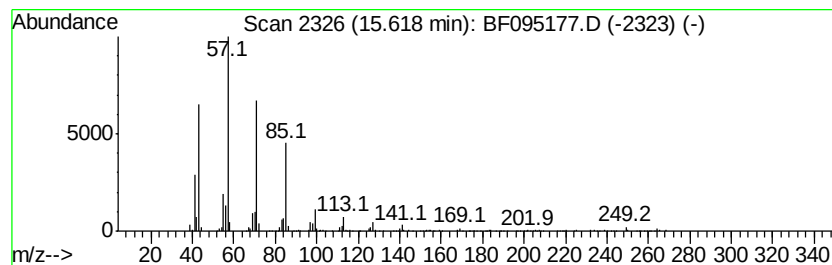
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	12.90 ng	778166	Phenanthrene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095177.D
Acq On : 17 May 2017 2:24
Operator : SJ/MA
Sample : I3153-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-2-4

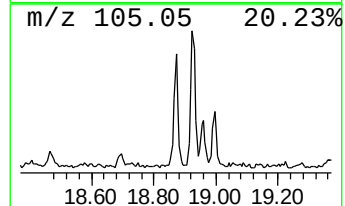
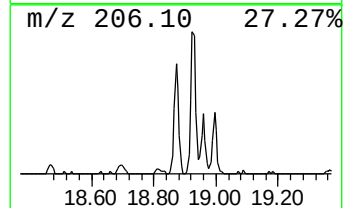
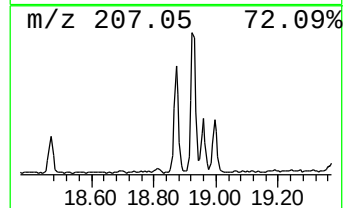
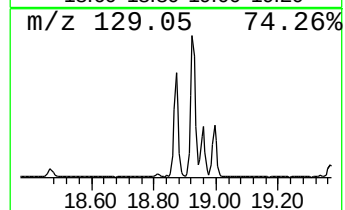
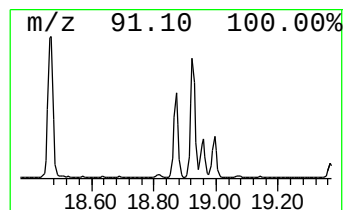
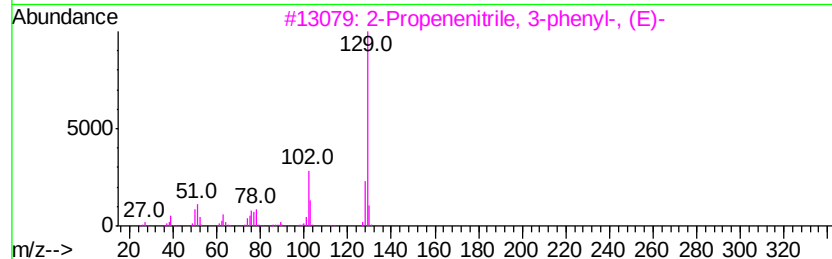
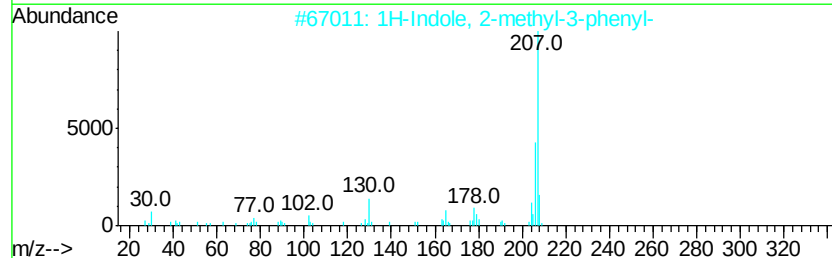
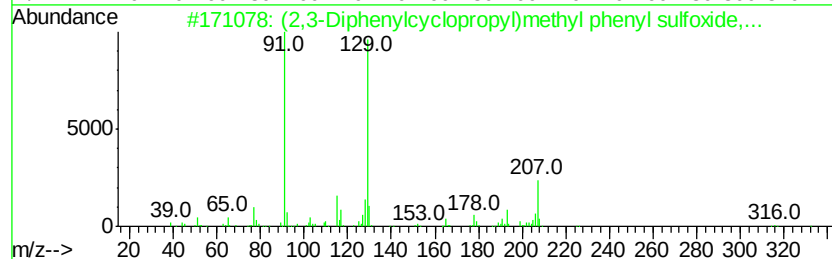
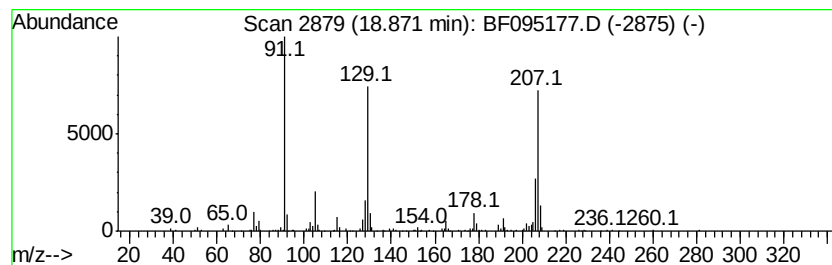
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 (2,3-Diphenylcyclopropyl)me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	9.88 ng	268464	Chrysene-d12	18.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	52
2		1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38
3		2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	38
4		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
5		Methadone N-oxide	325	C21H27NO2	1000120-80-7	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
 Data File : BF095177.D
 Acq On : 17 May 2017 2:24
 Operator : SJ/MA
 Sample : I3153-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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...	5.12	10.8	ng	241720	1	7.78	447239	20.0
unknown7.44	7.44	72.4	ng	1618430	1	7.78	447239	20.0
Tridecane	10.85	12.1	ng	483826	2	9.79	802445	20.0
Decahydro-4,4,8,9...	11.67	16.8	ng	460384	3	12.62	547192	20.0
Tetradecane	11.78	41.4	ng	1132490	3	12.62	547192	20.0
1H-Indene, octahy...	12.15	14.1	ng	384975	3	12.62	547192	20.0
Heptadecane, 2,6,...	12.31	29.8	ng	816033	3	12.62	547192	20.0
Octacosane	12.34	12.1	ng	331783	3	12.62	547192	20.0
unknown12.40	12.40	12.4	ng	339498	3	12.62	547192	20.0
unknown12.48	12.48	26.3	ng	720201	3	12.62	547192	20.0
Octadecane, 1-iodo-	13.17	18.7	ng	511174	3	12.62	547192	20.0
Hexadecane	13.47	53.4	ng	1461740	3	12.62	547192	20.0
Dodecane, 2,6,10-...	13.82	27.3	ng	747712	3	12.62	547192	20.0
Bacchotricuneatin c	14.24	21.7	ng	1307240	4	15.03	1206160	20.0
Pentadecane, 2,6,...	14.26	21.0	ng	1266390	4	15.03	1206160	20.0
Heptacosane	14.97	15.8	ng	950851	4	15.03	1206160	20.0
Tetracosane	15.62	12.9	ng	778166	4	15.03	1206160	20.0
(2,3-Diphenylcycl...	18.87	9.9	ng	268464	5	18.69	543231	20.0