

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096294.D
 Acq On : 29 Jun 2017 16:22
 Operator : SJ/MA
 Sample : I3874-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TL-WTP-02

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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	4.969	485	490	498	rVB	676107	859231	11.20%	0.716%
2	5.387	556	561	565	rVB	3343557	3654246	47.64%	3.046%
3	5.692	610	613	616	rBV	248580	215218	2.81%	0.179%
4	6.034	668	671	673	rBV	260027	231160	3.01%	0.193%
5	6.222	697	703	706	rBV2	170709	206372	2.69%	0.172%
6	6.281	706	713	716	rBV	2274378	2025238	26.40%	1.688%
7	6.316	716	719	722	rBV	285294	259682	3.39%	0.216%
8	6.404	726	734	741	rBV2	3956582	5407072	70.49%	4.506%
9	6.475	741	746	750	rVB	808120	813502	10.61%	0.678%
10	6.539	750	757	759	rBV	3525832	3787420	49.38%	3.157%
11	6.622	768	771	774	rBV	1719917	1392317	18.15%	1.160%
12	6.728	783	789	791	rBV	786841	848144	11.06%	0.707%
13	6.769	791	796	799	rBV	1251507	1468617	19.15%	1.224%
14	6.804	799	802	805	rVB	3807679	3746734	48.84%	3.123%
15	6.857	805	811	816	rBV2	3254503	5015242	65.38%	4.180%
16	6.916	816	821	826	rVV3	4640241	7670688	100.00%	6.393%
17	6.963	826	829	832	rVB2	308698	361943	4.72%	0.302%
18	7.010	832	837	839	rBV	565575	557409	7.27%	0.465%
19	7.045	839	843	844	rBV	1372838	1474244	19.22%	1.229%
20	7.063	844	846	854	rVB	4173434	5502886	71.74%	4.586%
21	7.134	854	858	860	rBV	4185362	4211872	54.91%	3.510%
22	7.169	860	864	867	rVV3	1386019	1653131	21.55%	1.378%
23	7.222	870	873	879	rBV2	2238838	3357743	43.77%	2.798%
24	7.298	881	886	888	rBV	1064812	1297332	16.91%	1.081%
25	7.328	888	891	894	rVB	2534342	2595065	33.83%	2.163%
26	7.381	894	900	904	rVB	2721237	3448451	44.96%	2.874%
27	7.422	904	907	911	rBV5	336587	504858	6.58%	0.421%
28	7.475	911	916	917	rBV4	185798	236457	3.08%	0.197%
29	7.539	924	927	929	rBV	496057	464359	6.05%	0.387%
30	7.586	933	935	938	rVB	285344	235516	3.07%	0.196%
31	7.681	947	951	953	rBV3	156486	172374	2.25%	0.144%
32	7.751	959	963	966	rBV2	354774	418830	5.46%	0.349%
33	7.816	971	974	977	rVB	495715	470622	6.14%	0.392%
34	7.863	980	982	984	rVB2	262863	190628	2.49%	0.159%

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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-BF062717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.051	1010	1014	1017	rVV	2906512	2608461	34.01%	2.174%
36	8.075	1017	1018	1022	rVV3	222424	179780	2.34%	0.150%
37	8.128	1022	1027	1030	rVV	512158	503329	6.56%	0.419%
38	8.357	1060	1066	1069	rBV4	228759	339227	4.42%	0.283%
39	8.445	1077	1081	1084	rVB2	202472	216099	2.82%	0.180%
40	8.486	1084	1088	1093	rBV	495959	594549	7.75%	0.496%
41	8.657	1114	1117	1120	rBV	958166	760649	9.92%	0.634%
42	8.751	1130	1133	1137	rVB3	160837	215598	2.81%	0.180%
43	8.804	1139	1142	1146	rVV3	142016	169519	2.21%	0.141%
44	9.086	1187	1190	1193	rVB	430598	386743	5.04%	0.322%
45	9.127	1193	1197	1200	rBV	2304150	1998308	26.05%	1.665%
46	9.180	1200	1206	1210	rVB	1450142	1185742	15.46%	0.988%
47	9.222	1210	1213	1215	rBV	658483	645723	8.42%	0.538%
48	9.245	1215	1217	1219	rVB	642893	486549	6.34%	0.406%
49	9.522	1261	1264	1266	rBV	884805	721055	9.40%	0.601%
50	9.545	1266	1268	1270	rVB	398744	294563	3.84%	0.245%
51	9.692	1289	1293	1296	rVV4	95771	166855	2.18%	0.139%
52	9.751	1301	1303	1307	rVV	483657	391195	5.10%	0.326%
53	9.804	1307	1312	1317	rVB	1353032	1328980	17.33%	1.108%
54	10.010	1344	1347	1350	rVB	194595	193526	2.52%	0.161%
55	10.239	1384	1386	1389	rVV2	260969	362229	4.72%	0.302%
56	10.274	1389	1392	1395	rVB2	296960	285940	3.73%	0.238%
57	10.469	1422	1425	1428	rBV	219605	241758	3.15%	0.201%
58	10.510	1428	1432	1437	rVB	1198881	1036552	13.51%	0.864%
59	10.563	1437	1441	1442	rBV2	333666	345354	4.50%	0.288%
60	10.586	1442	1445	1449	rVV	1548061	1490822	19.44%	1.243%
61	10.710	1460	1466	1467	rVV	293842	400164	5.22%	0.334%
62	10.727	1467	1469	1474	rVV2	1162674	1500561	19.56%	1.251%
63	10.780	1474	1478	1480	rVV	2273340	2024154	26.39%	1.687%
64	10.816	1480	1484	1487	rVV2	1990202	2527023	32.94%	2.106%
65	10.845	1487	1489	1492	rVV2	2028672	2017944	26.31%	1.682%
66	10.874	1492	1494	1496	rVV	1326935	1063555	13.87%	0.886%
67	10.916	1496	1501	1502	rVV	1082689	1460852	19.04%	1.218%
68	10.963	1505	1509	1512	rVV3	2240541	2764268	36.04%	2.304%
69	10.998	1512	1515	1517	rVV	2330281	2276008	29.67%	1.897%
70	11.039	1520	1522	1525	rVB2	1485606	1171531	15.27%	0.976%
71	11.139	1537	1539	1542	rVV3	137698	204568	2.67%	0.170%

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72	11.169	1542	1544	1548	rVV2	368853	437987	5.71%	0.365%
73	11.204	1548	1550	1552	rVB2	232440	196524	2.56%	0.164%
74	11.286	1561	1564	1567	rBV	1028568	868321	11.32%	0.724%
75	11.592	1614	1616	1621	rVB2	207971	215126	2.80%	0.179%
76	11.698	1629	1634	1638	rVB3	401314	513736	6.70%	0.428%
77	11.751	1640	1643	1645	rBV3	205531	226597	2.95%	0.189%
78	11.833	1652	1657	1663	rBV	2124436	2559515	33.37%	2.133%
79	12.004	1683	1686	1689	rVB2	291510	266896	3.48%	0.222%
80	12.392	1749	1752	1754	rVB	366459	302508	3.94%	0.252%
81	12.533	1773	1776	1785	rVB4	504508	890535	11.61%	0.742%
82	12.616	1786	1790	1795	rBV	605887	719178	9.38%	0.599%
83	12.763	1812	1815	1818	rVB	503779	402849	5.25%	0.336%
84	12.868	1830	1833	1836	rBV	1287953	1198926	15.63%	0.999%
85	13.115	1872	1875	1879	rBV	501720	476704	6.21%	0.397%
86	13.457	1930	1933	1936	rBV	815386	757199	9.87%	0.631%
87	13.786	1987	1989	1992	rVB	498899	389329	5.08%	0.324%
88	13.915	2008	2011	2014	rVB	930758	892276	11.63%	0.744%
89	14.104	2040	2043	2046	rBV	477904	426634	5.56%	0.356%
90	14.410	2092	2095	2098	rVB	525177	502337	6.55%	0.419%
91	14.704	2142	2145	2154	rVB	495447	549557	7.16%	0.458%
92	15.033	2197	2201	2206	rVB	484150	586801	7.65%	0.489%
93	15.345	2248	2254	2258	rVB	591284	975029	12.71%	0.813%
94	15.398	2260	2263	2268	rVB	384721	477406	6.22%	0.398%
95	15.815	2330	2334	2339	rBV	267432	370516	4.83%	0.309%
96	16.033	2366	2371	2382	rVB2	813357	1447815	18.87%	1.207%
97	16.204	2394	2400	2403	rBV2	1416227	2607941	34.00%	2.174%
98	16.415	2429	2436	2443	rBV3	189072	548095	7.15%	0.457%
99	16.921	2517	2522	2532	rVB2	168708	347788	4.53%	0.290%
100	17.503	2616	2621	2633	rVB6	166831	517180	6.74%	0.431%

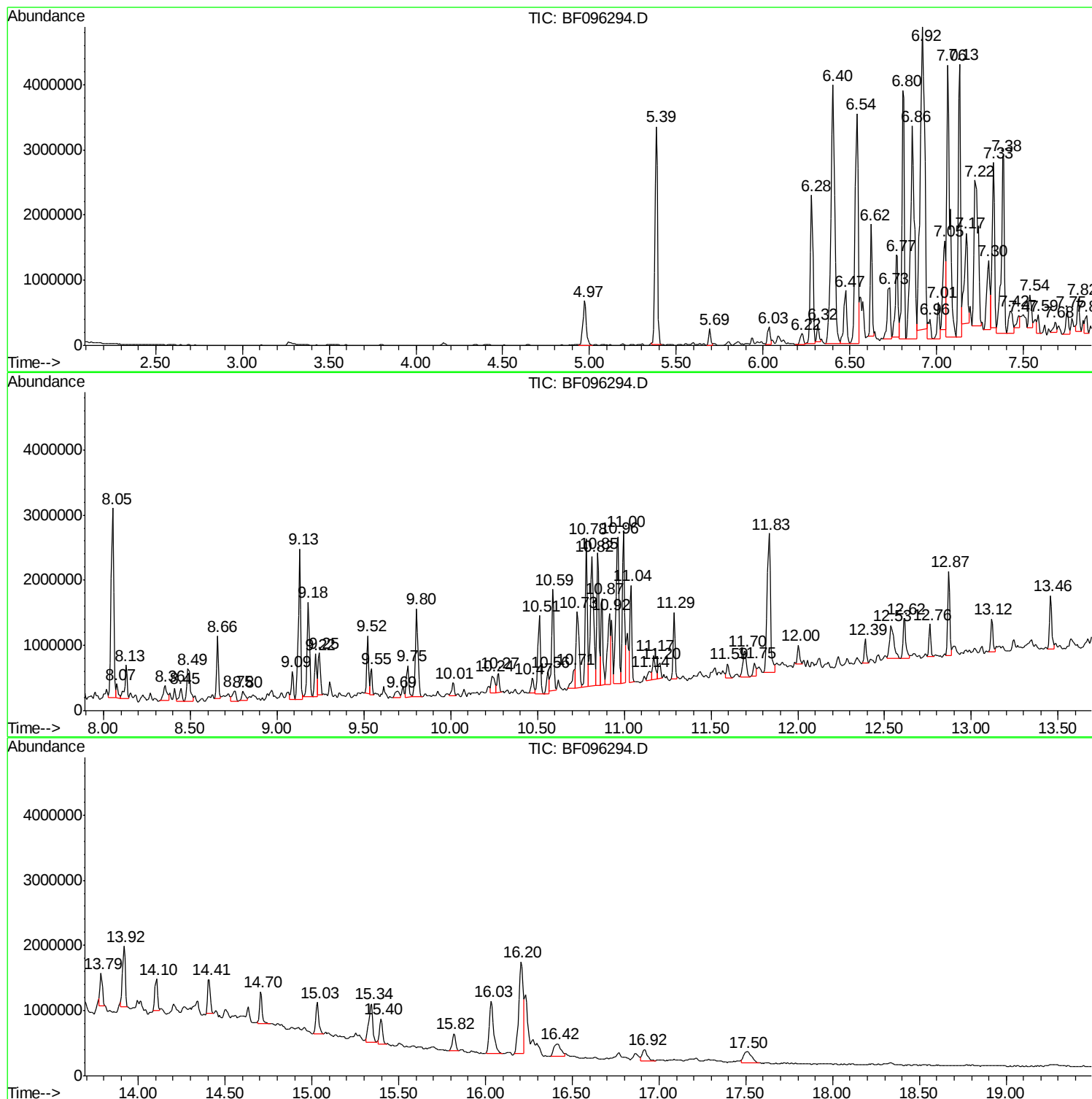
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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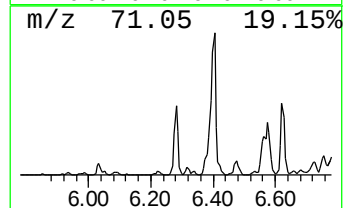
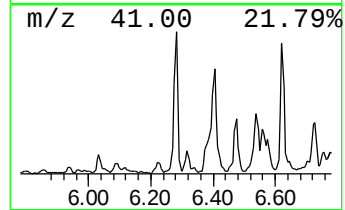
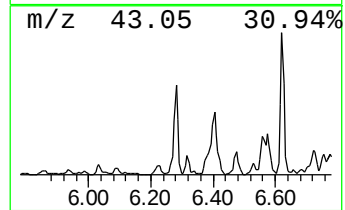
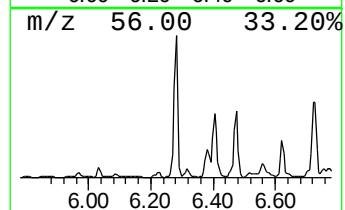
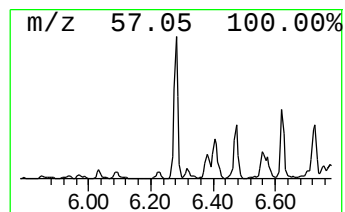
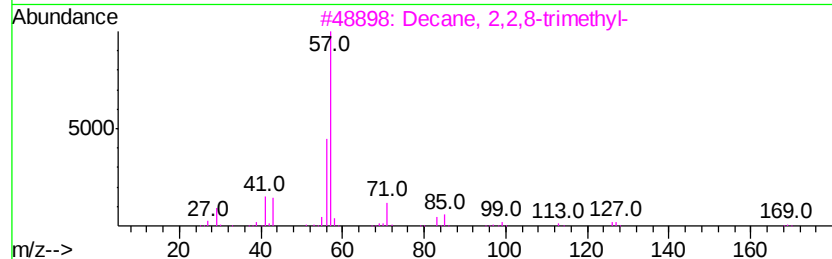
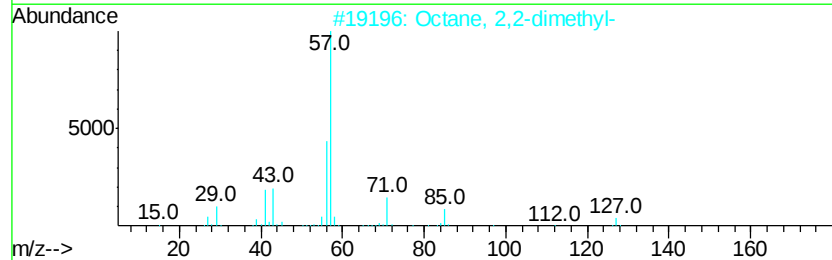
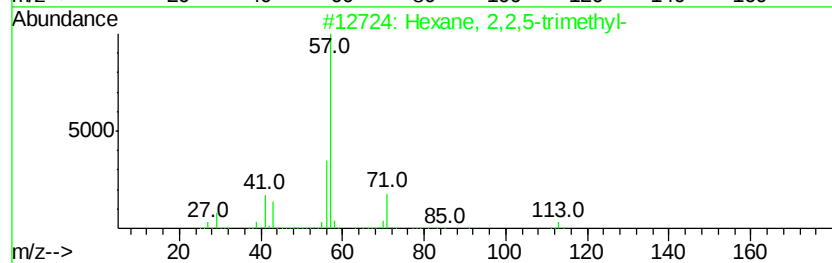
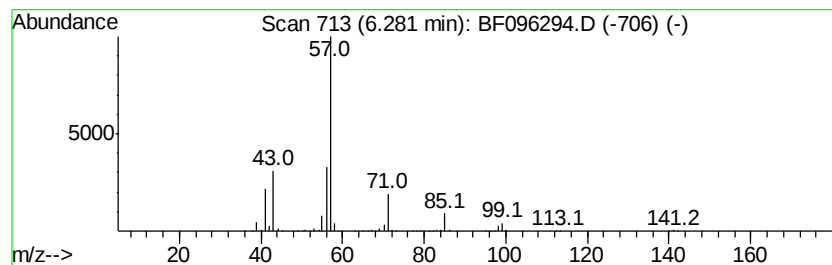
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexane, 2,2,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	27.58 ng	2025240	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59
3		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	56
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50



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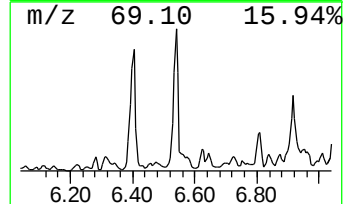
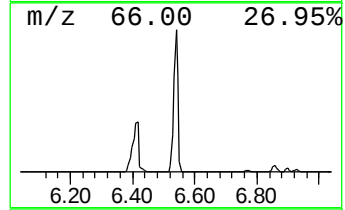
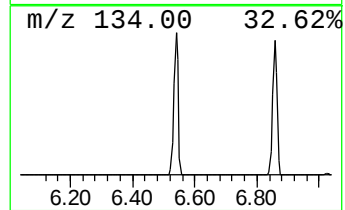
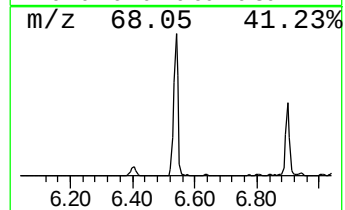
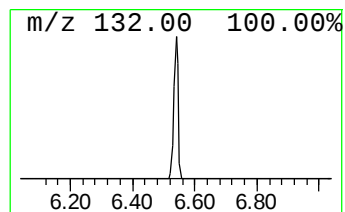
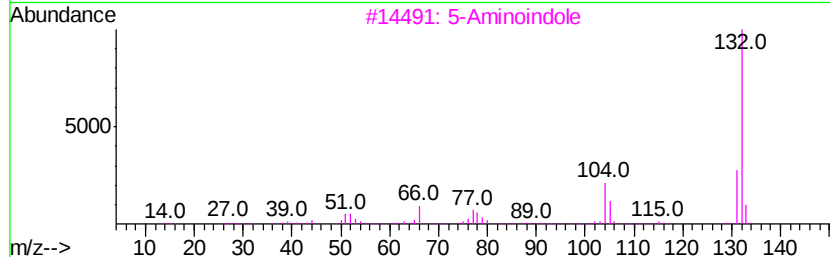
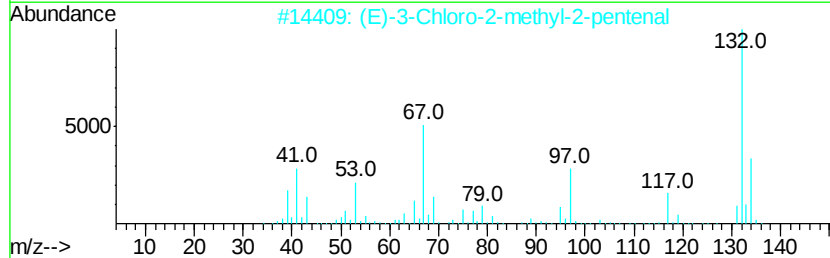
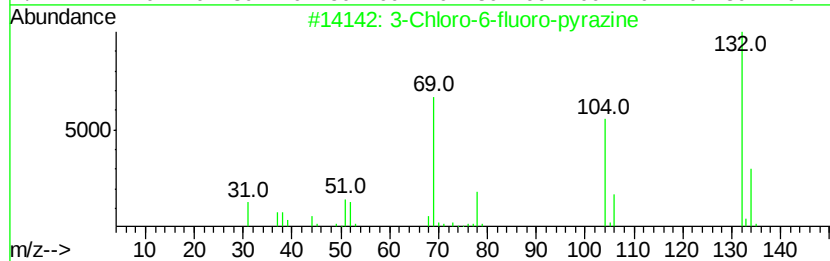
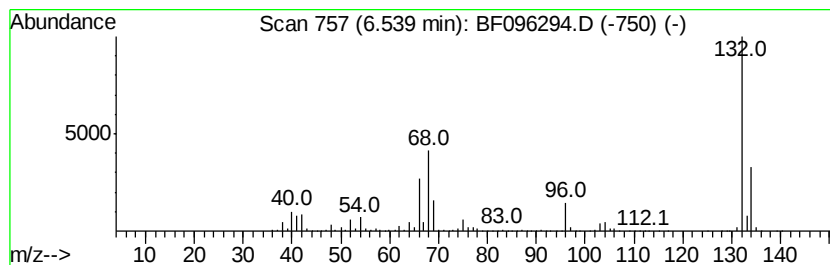
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.54 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	51.58 ng	3787420	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Amphetaminil	250	C17H18N2	017590-01-1	10



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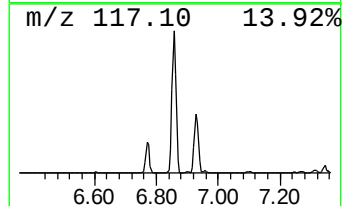
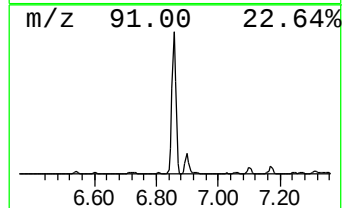
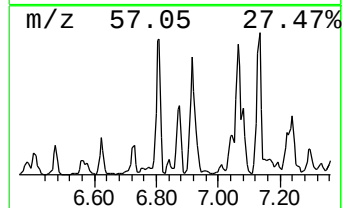
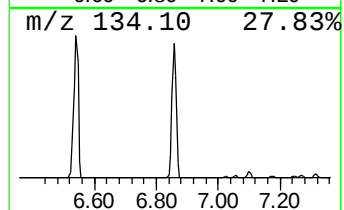
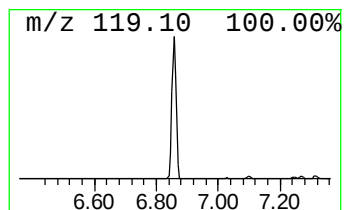
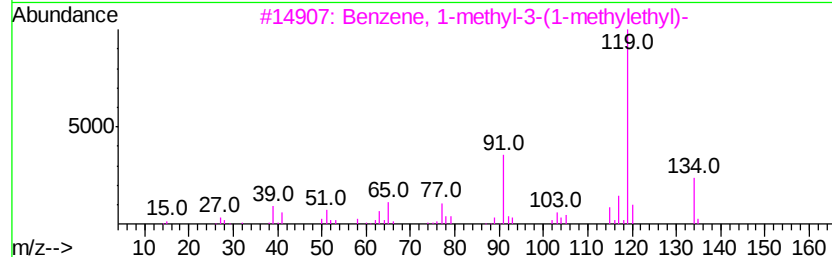
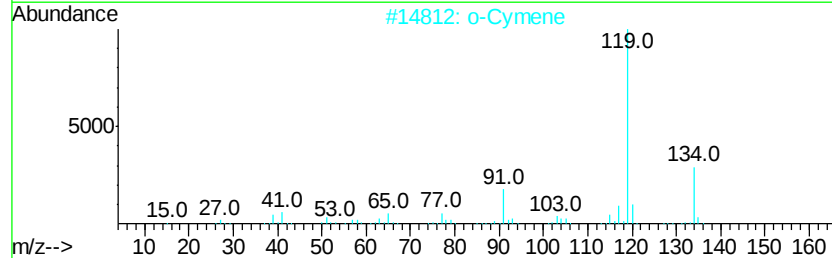
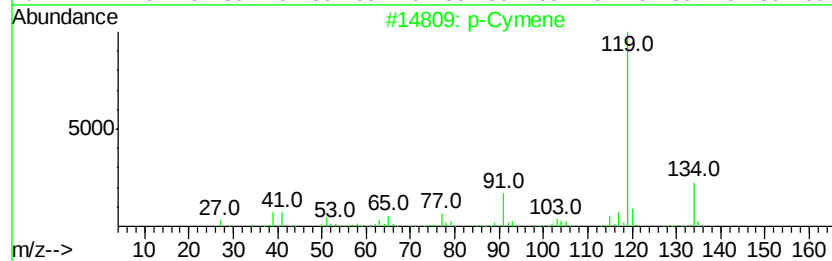
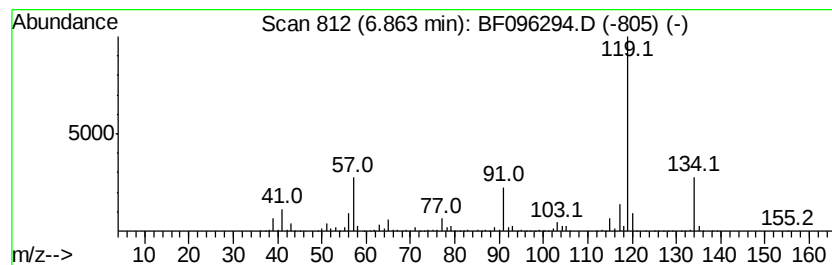
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	68.30 ng	5015240	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
Operator : SJ/MA
Sample : I3874-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TL-WTP-02

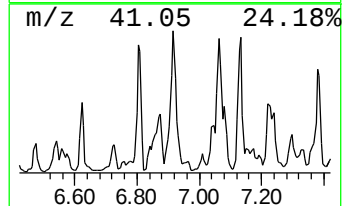
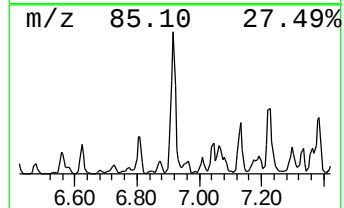
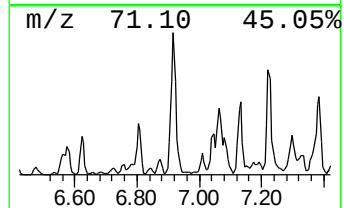
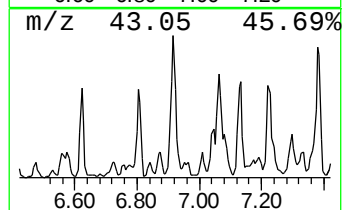
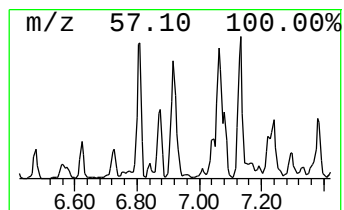
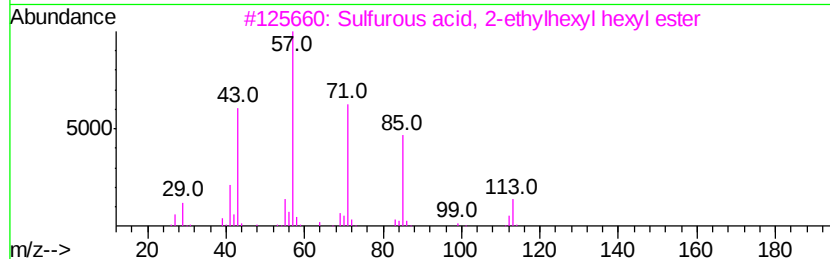
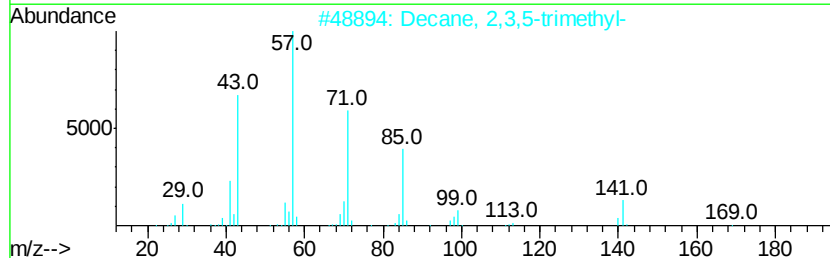
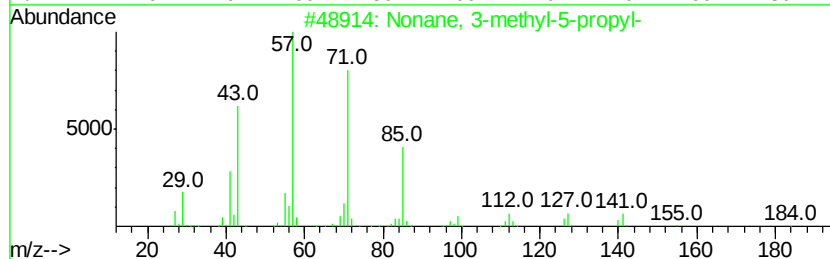
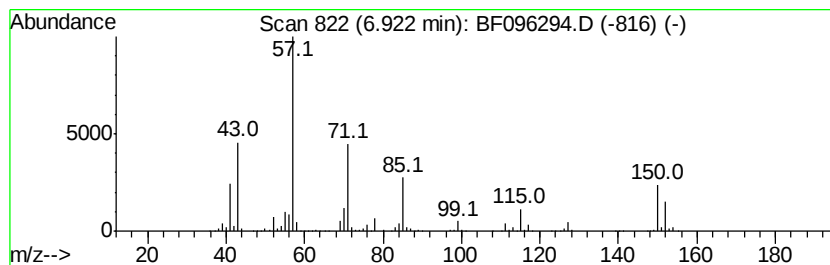
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 3-methyl-5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	104.46 ng	7670690	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
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ClientSampleId :
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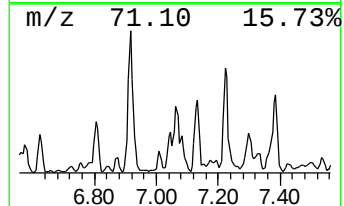
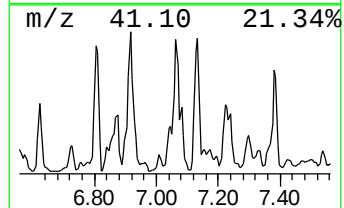
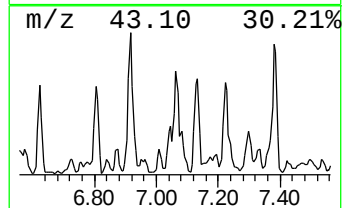
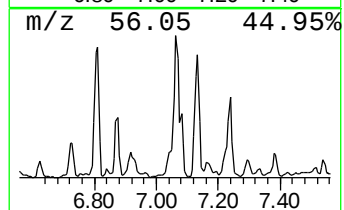
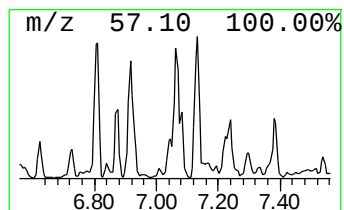
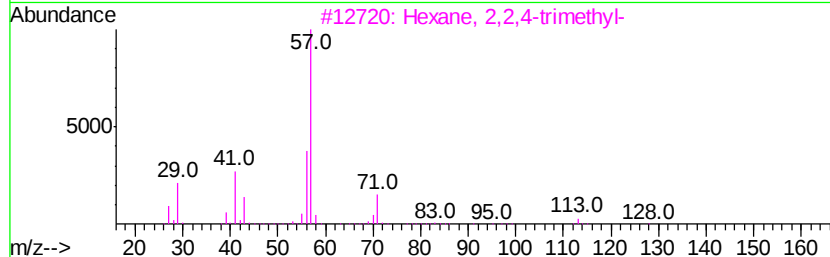
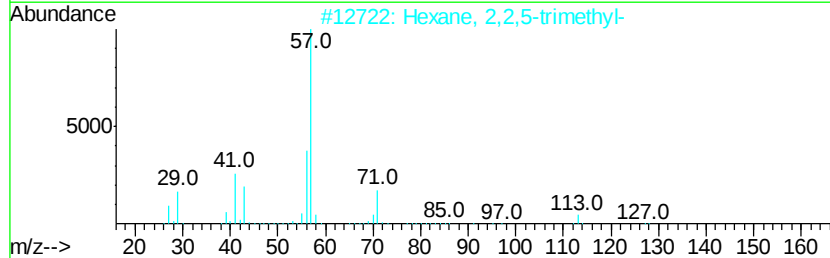
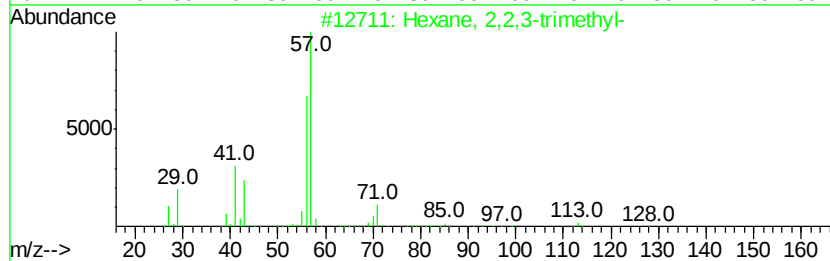
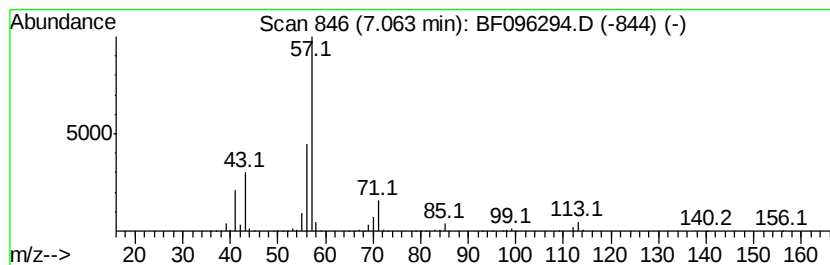
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexane, 2,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	74.94 ng	5502890	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
Operator : SJ/MA
Sample : I3874-02
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Instrument :
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ClientSampleId :
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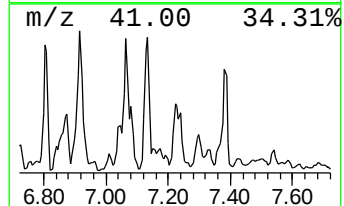
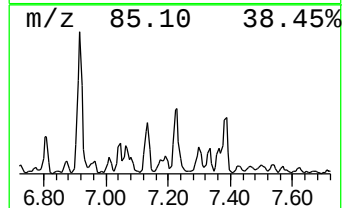
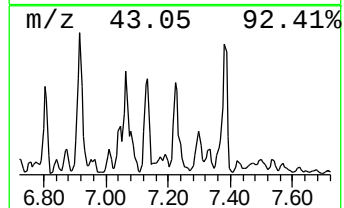
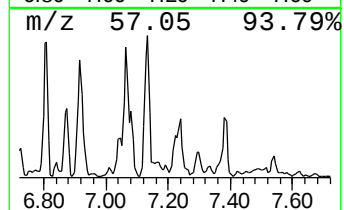
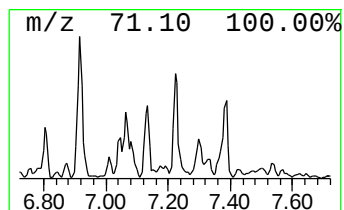
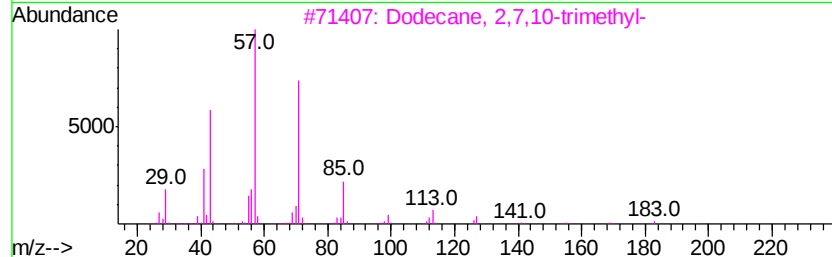
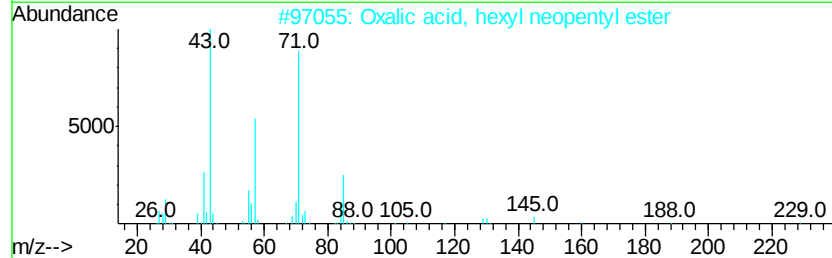
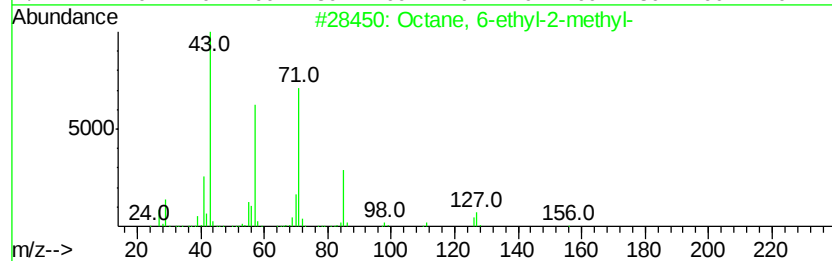
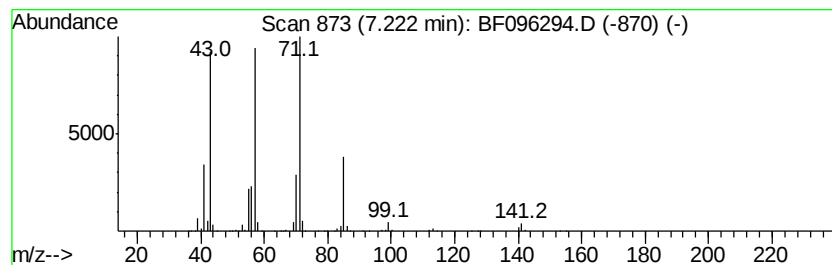
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 6-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	45.73 ng	3357740	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	78
2		Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
5		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
Operator : SJ/MA
Sample : I3874-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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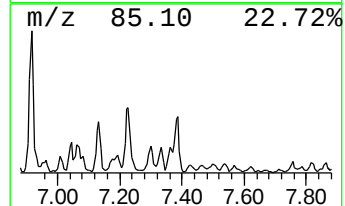
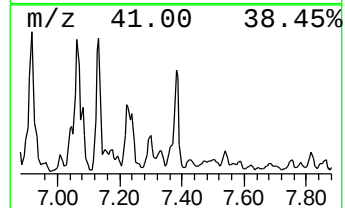
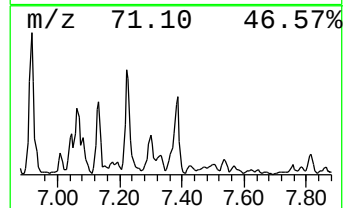
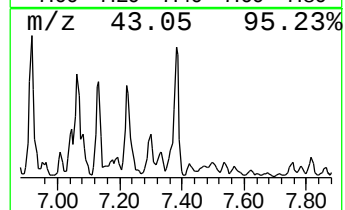
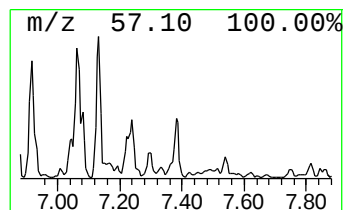
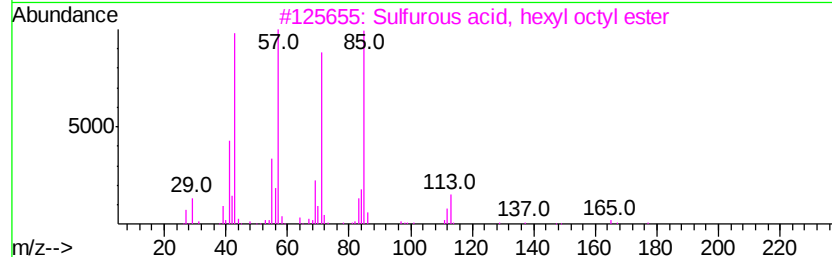
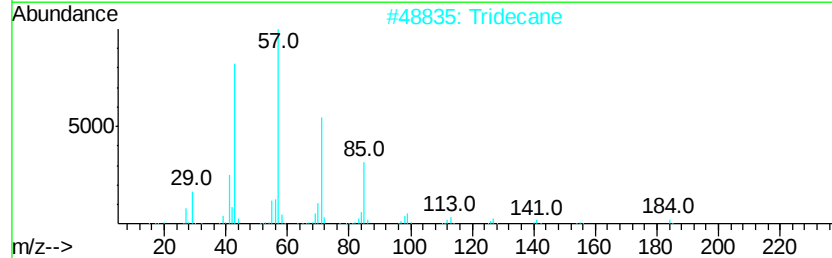
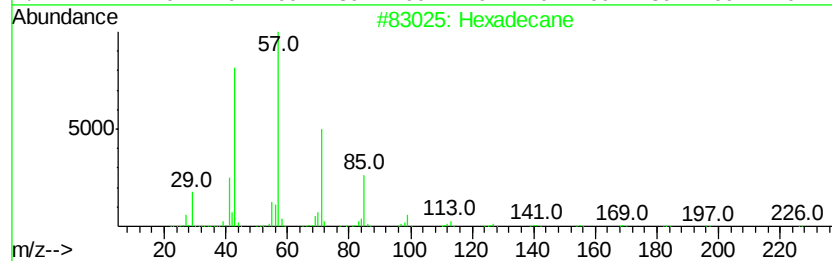
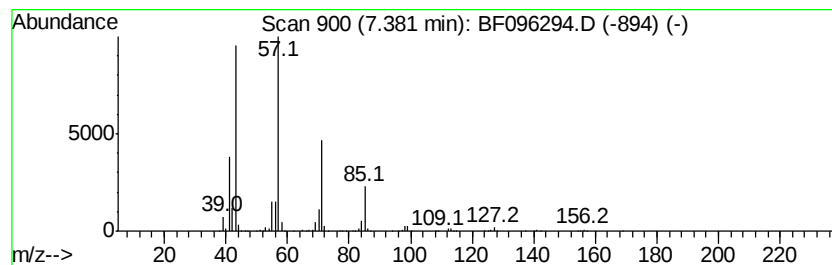
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	46.96 ng	3448450	1,4-Dichlorobenzene-d4	6.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tridecane		184	C13H28	000629-50-5	78
3	Sulfurous acid, hexyl octyl ester		278	C14H30O3S	1000309-13-0	72
4	Decane, 2-methyl-		156	C11H24	006975-98-0	72
5	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
Operator : SJ/MA
Sample : I3874-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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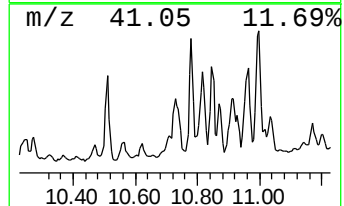
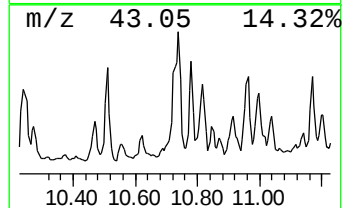
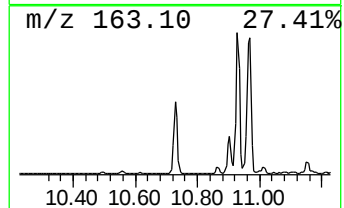
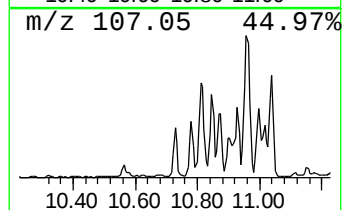
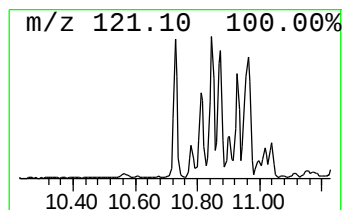
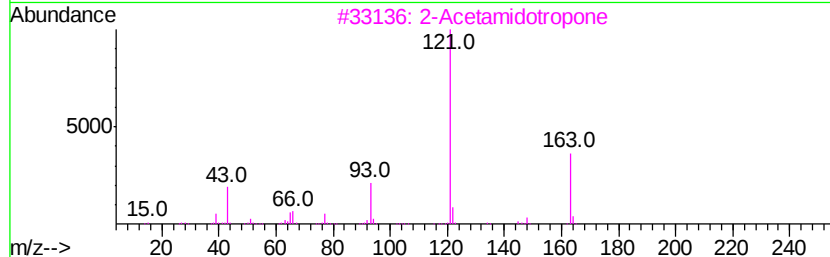
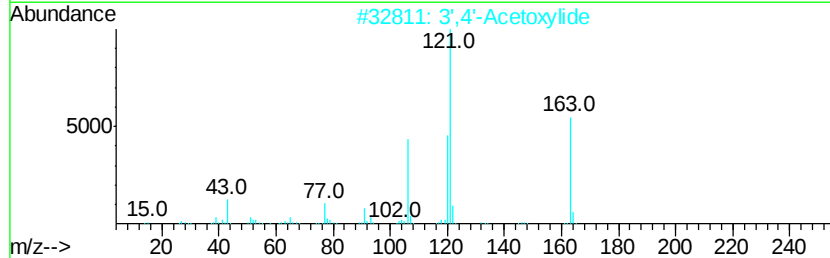
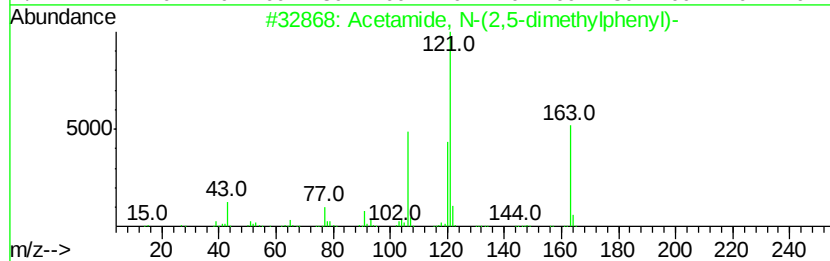
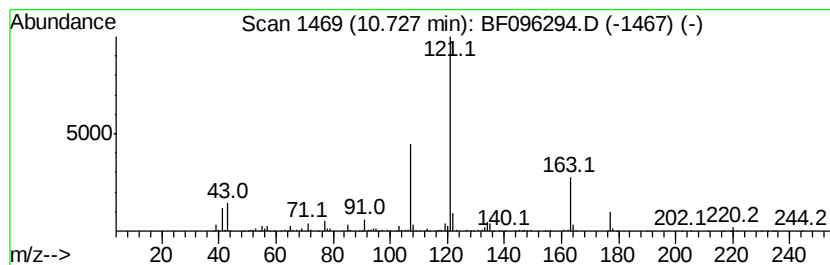
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.73 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	34.56 ng	1500560	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	49
2		3',4'-Acetoxylide	163	C10H13NO	002198-54-1	49
3		2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
4		1-(4-Methoxybenzyl)-3,3-dimethyl...	192	C11H16N2O	022184-66-3	43
5		Oxiranecarboxylic acid, 3-phenyl...	178	C10H10O3	037161-74-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
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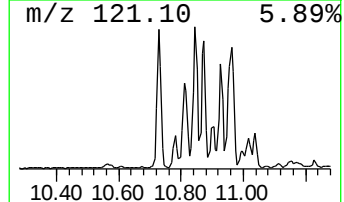
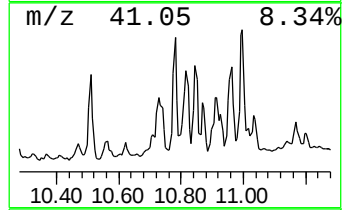
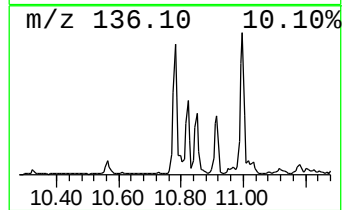
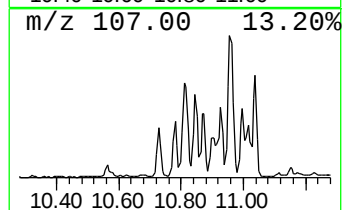
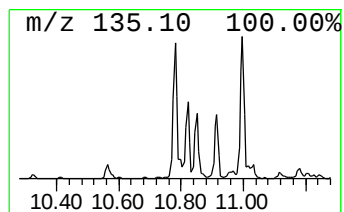
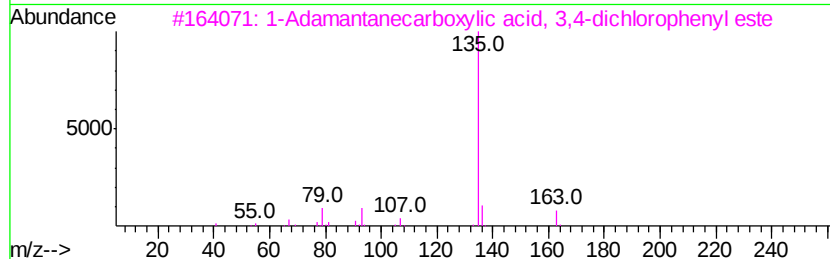
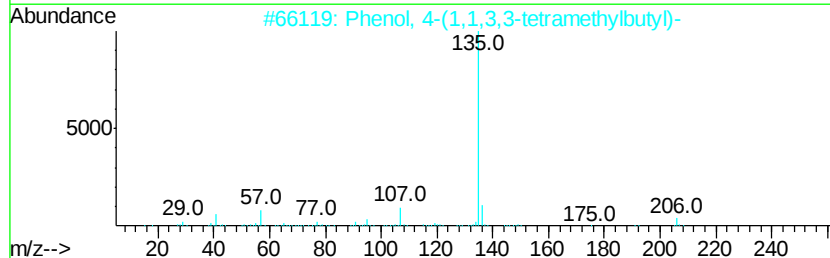
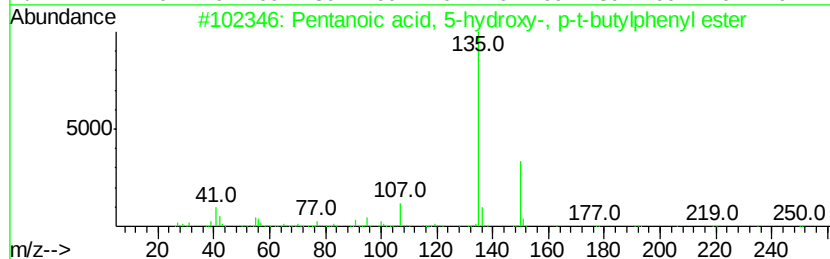
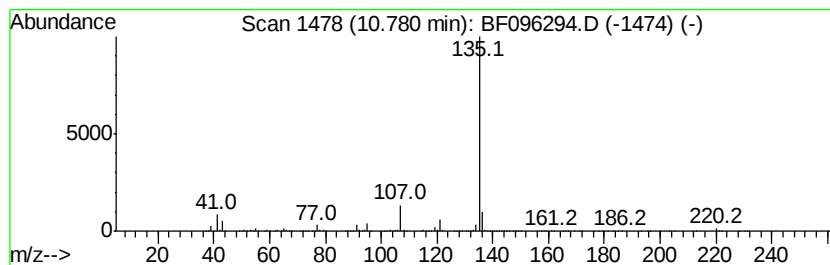
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentanoic acid, 5-hydroxy-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.78	46.62 ng	2024150	Phenanthrene-d10	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentanoic acid, 5-hydroxy-, p-t-	250	C15H22O3	166273-37-6	78
2		Phenol, 4-(1,1,3,3-tetramethylbu	206	C14H22O	000140-66-9	78
3		1-Adamantanecarboxylic acid, 3,4-	324	C17H18Cl2O2	1000307-66-4	64
4		1-n-Hexyladamantane	220	C16H28	022458-75-9	64
5		Hexestrol	270	C18H22O2	000084-16-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
Operator : SJ/MA
Sample : I3874-02
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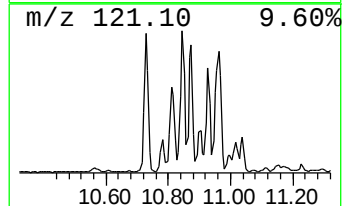
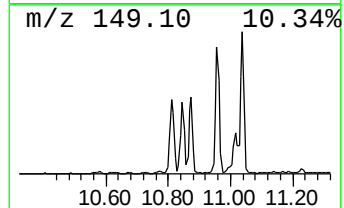
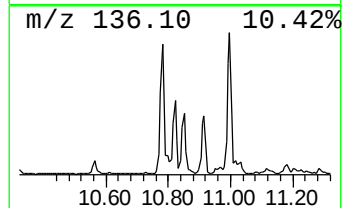
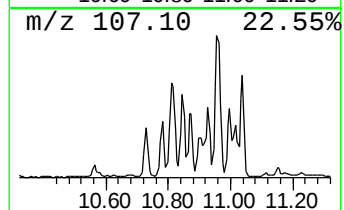
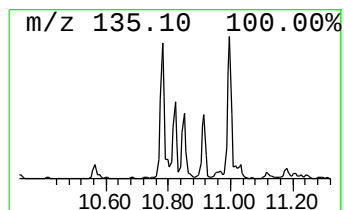
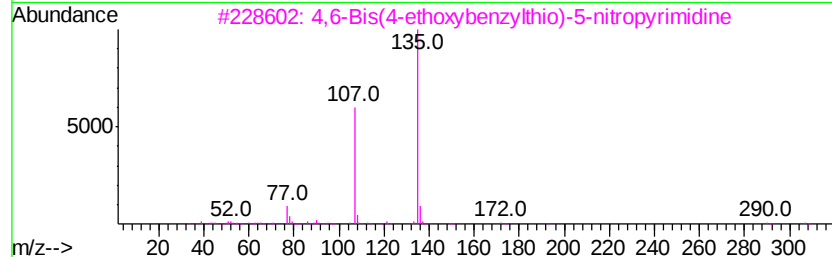
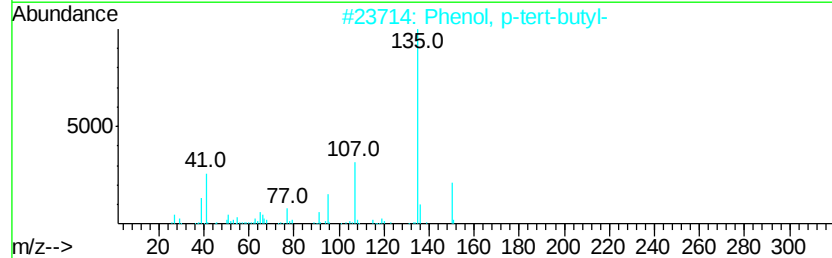
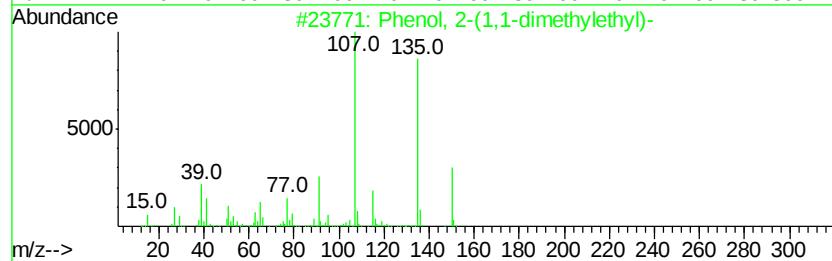
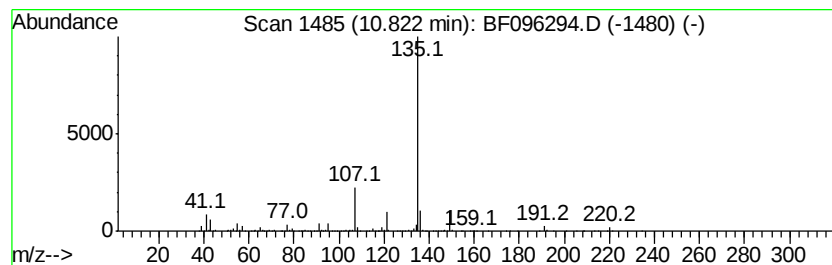
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.82 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.82	58.20 ng	2527020	Phenanthrene-d10	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	43
2		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	43
3		4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	43
4		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	43
5		Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
Operator : SJ/MA
Sample : I3874-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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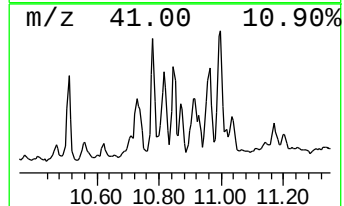
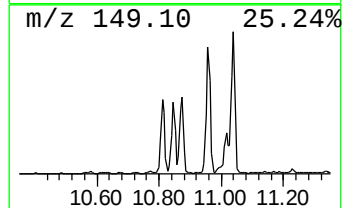
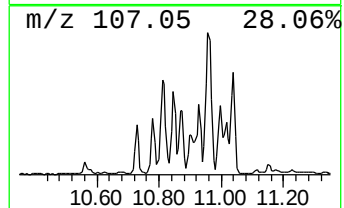
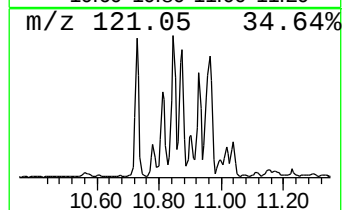
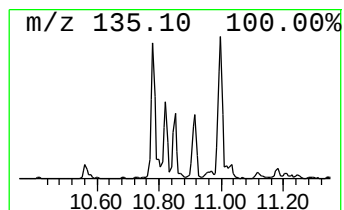
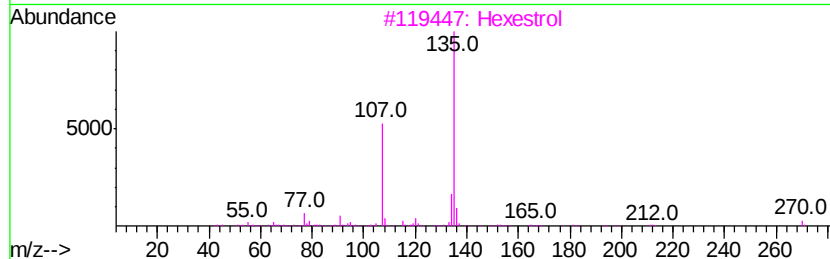
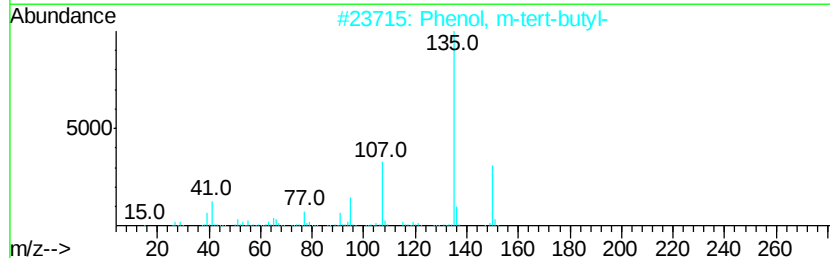
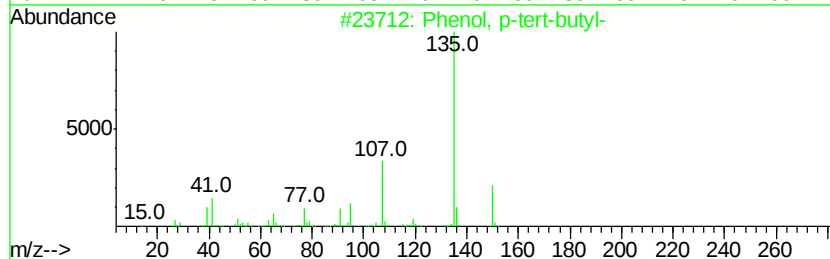
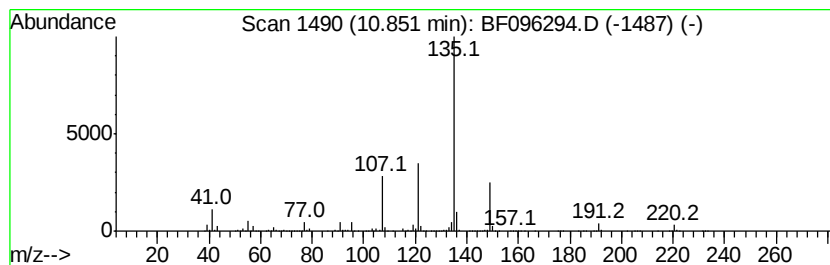
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	46.48 ng	2017940	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	45
2		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	45
3		Hexestrol	270	C18H22O2	000084-16-2	38
4		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38
5		Neodihydrocarveol	154	C10H18O	018675-34-8	35



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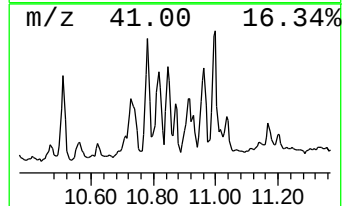
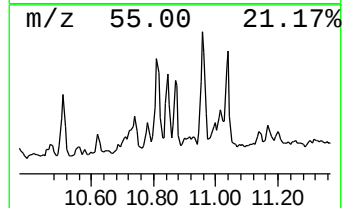
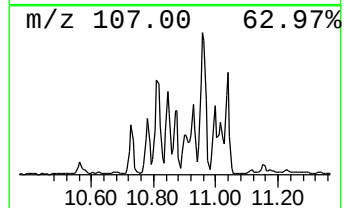
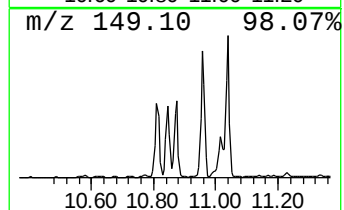
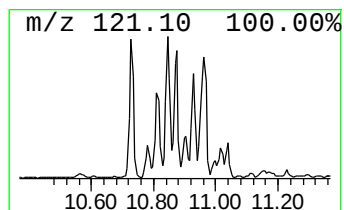
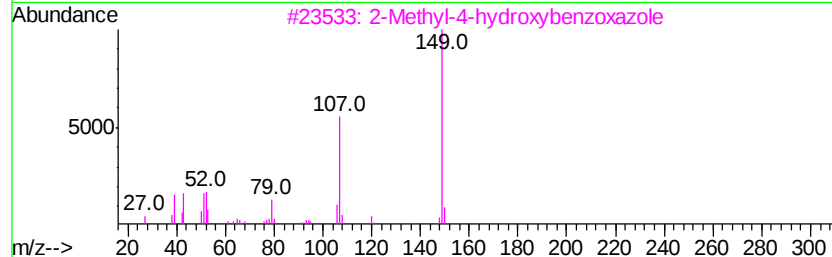
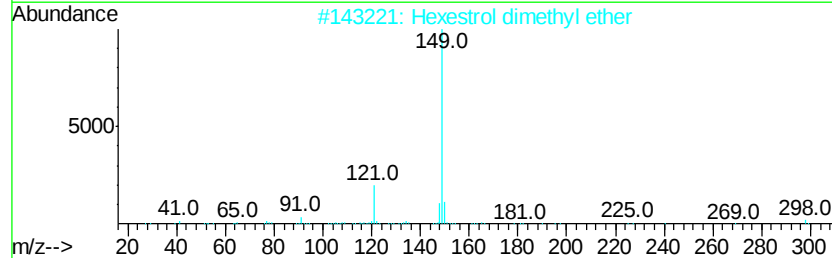
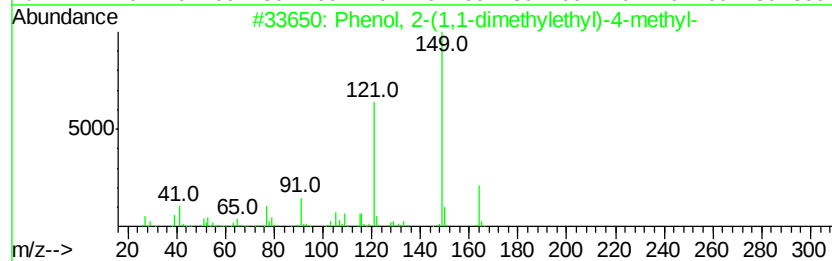
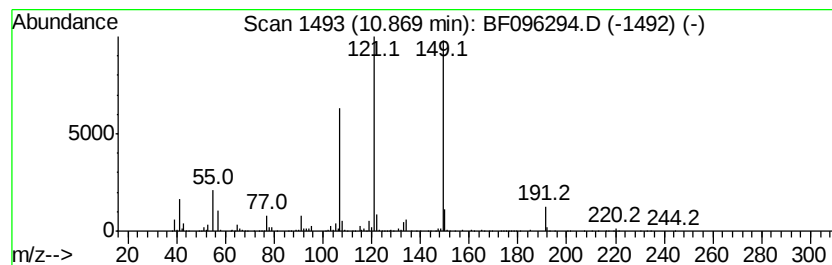
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.87 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	24.50 ng	1063560	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	45
2		Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	45
3		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	37
4		Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	27
5		Phthalic acid, hex-2-yn-4-yl pro...	288	C17H20O4	1000315-19-1	27



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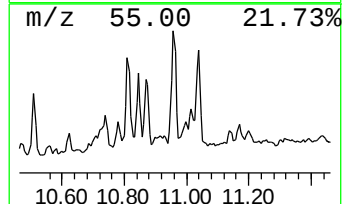
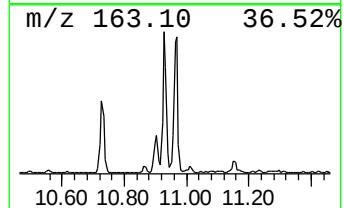
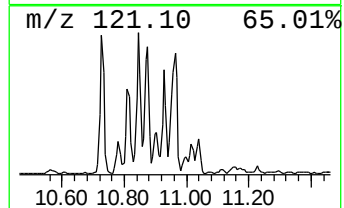
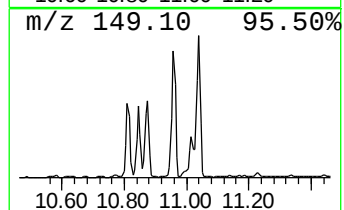
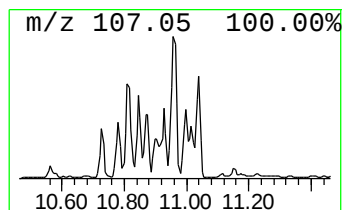
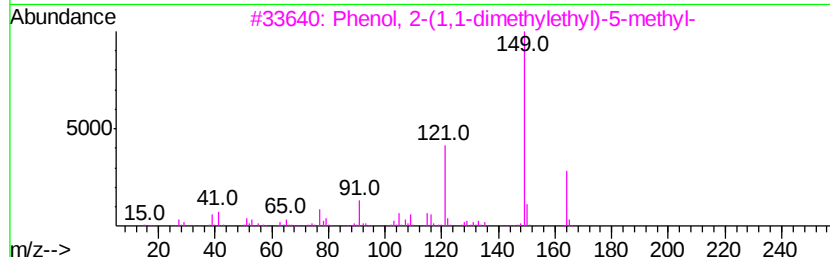
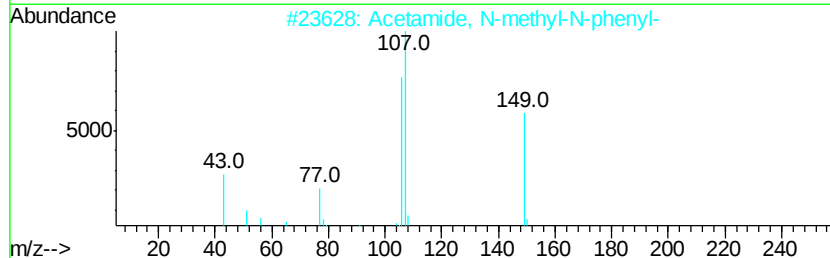
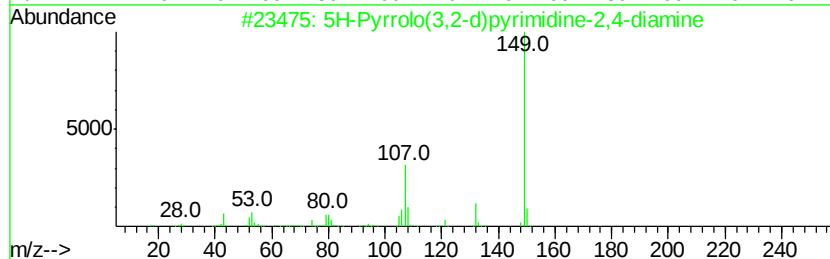
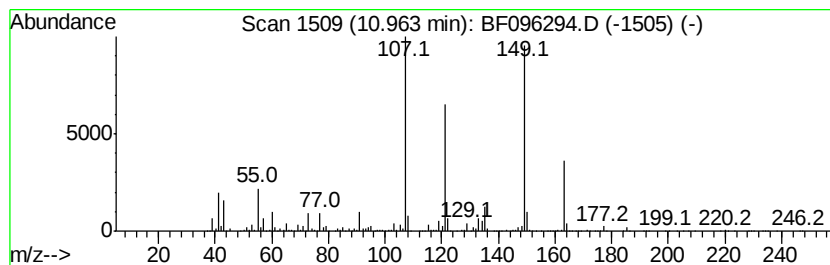
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	63.67 ng	2764270	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	53
2		Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	43
3		Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	41
4		Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	30
5		2'-Hydroxy-4',5'-dimethylacetoph...	164	C10H12O2	036436-65-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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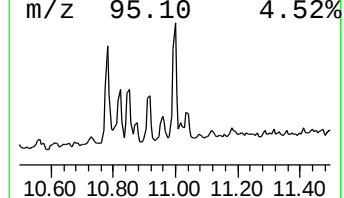
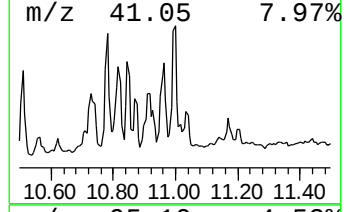
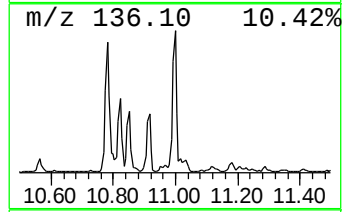
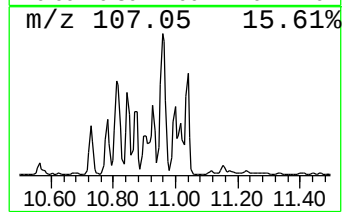
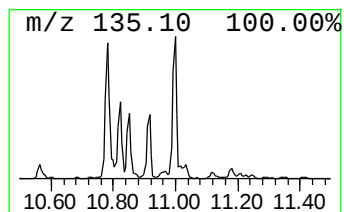
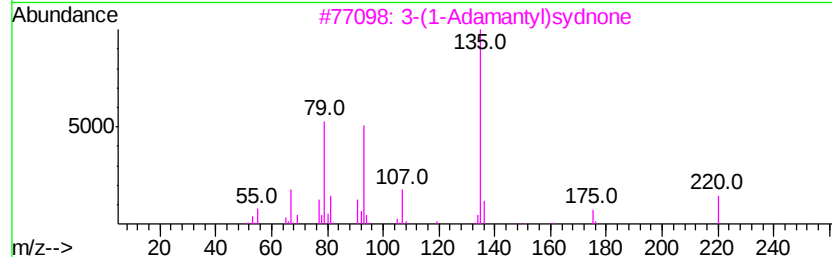
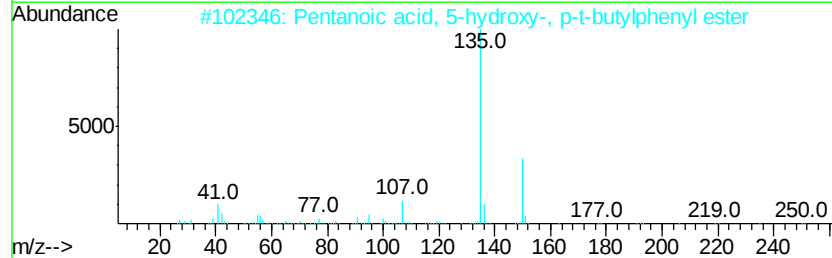
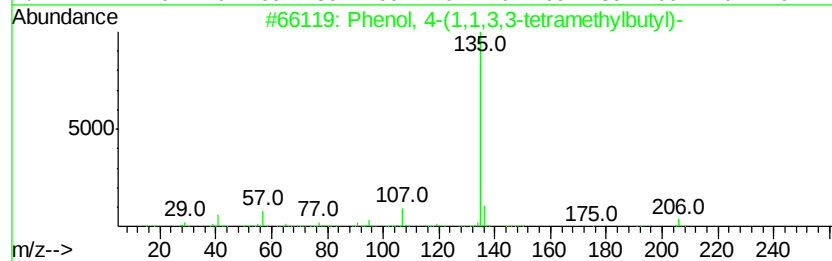
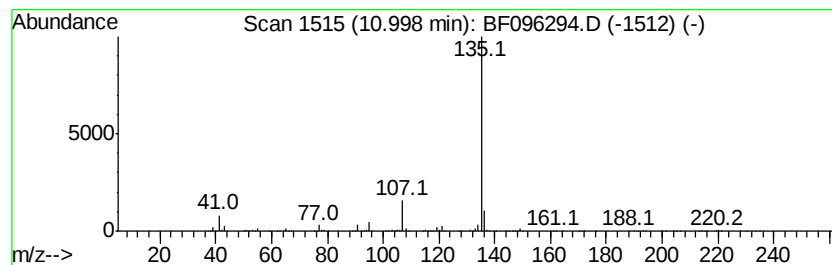
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	52.42 ng	2276010	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	83
2		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
3		3-(1-Adamantyl)sydnone	220	C12H16N2O2	1000140-20-2	78
4		4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	74
5		Hexestrol	270	C18H22O2	000084-16-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
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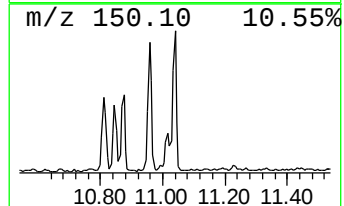
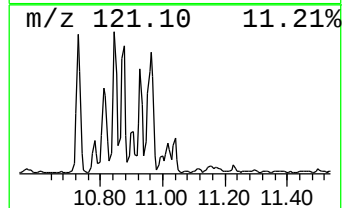
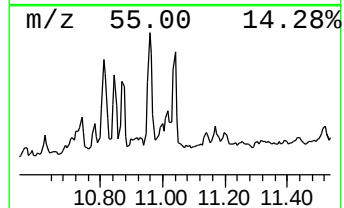
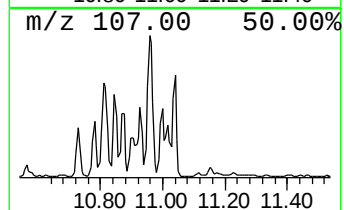
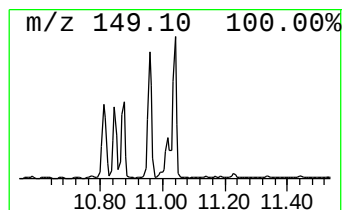
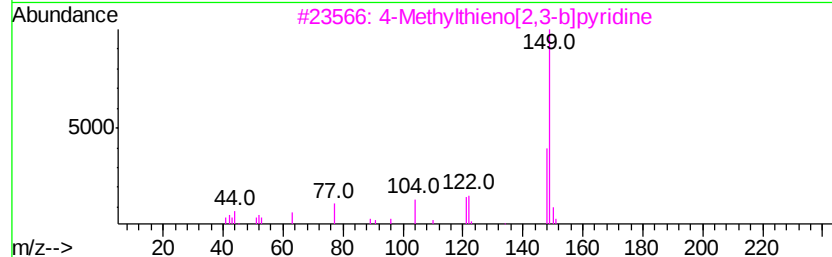
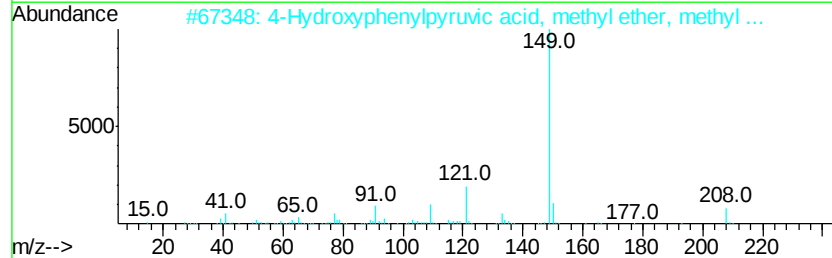
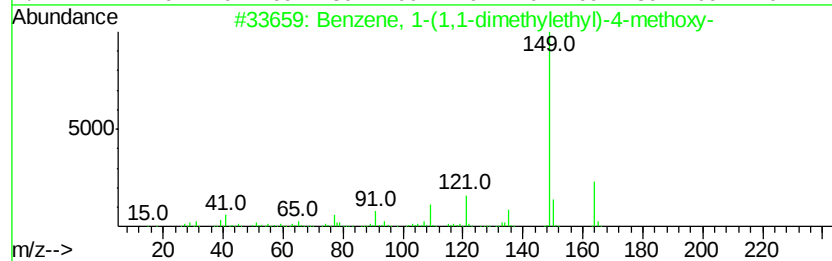
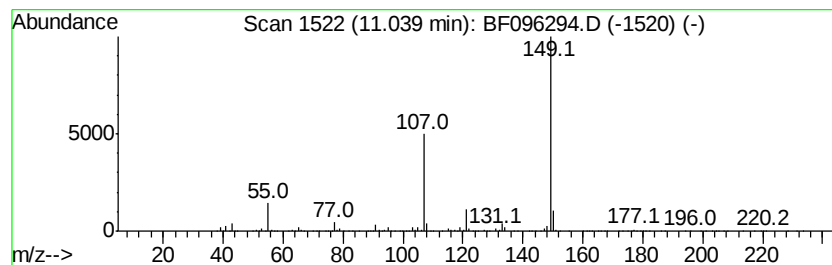
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-(1,1-dimethyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	26.98 ng	1171530	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	50
2		4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	50
3		4-Methylthienof[2,3-b]pyridine	149	C8H7NS	013362-81-7	50
4		Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	40
5		Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
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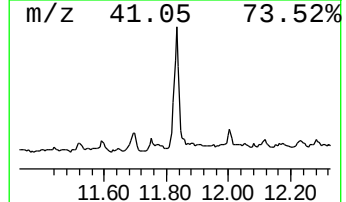
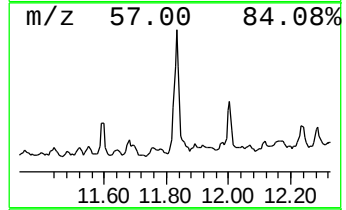
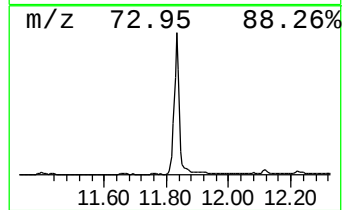
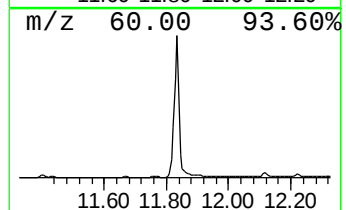
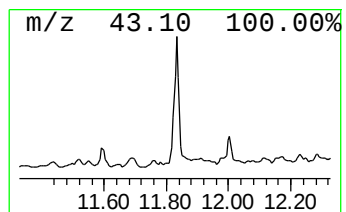
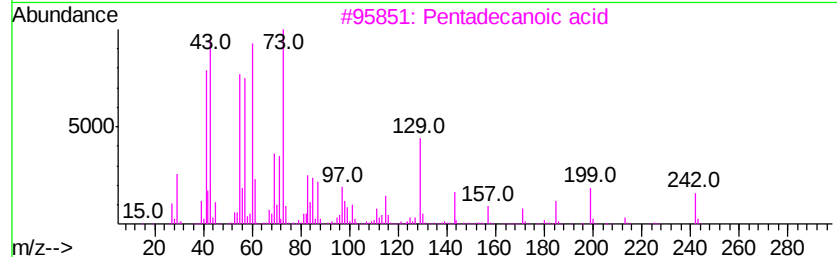
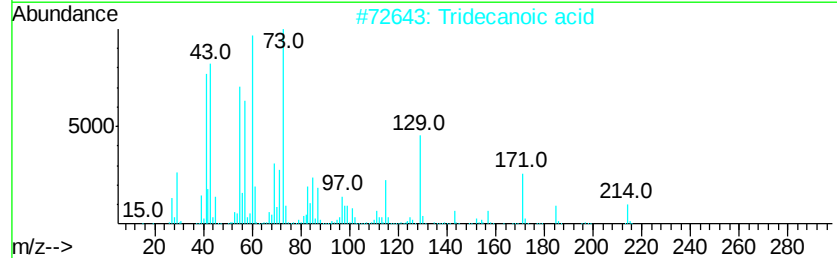
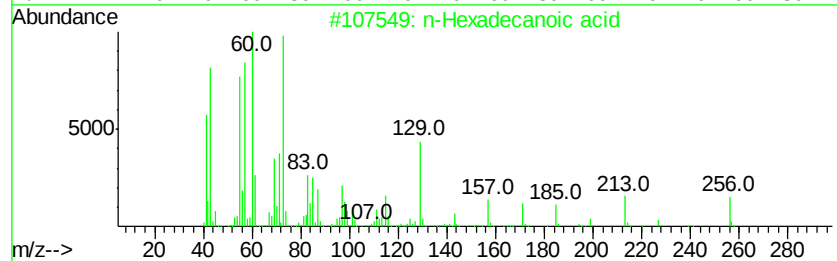
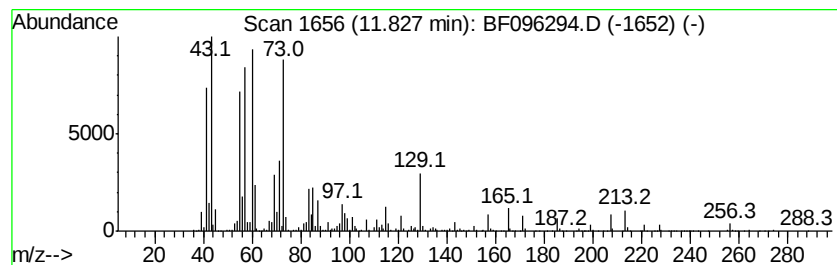
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	58.95 ng	2559520	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Dodecanoic acid	200	C12H24O2	000143-07-7	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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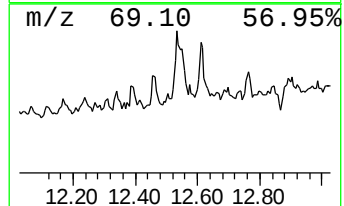
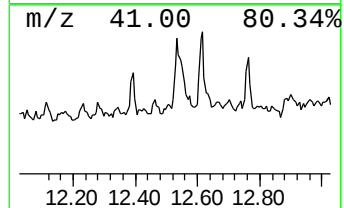
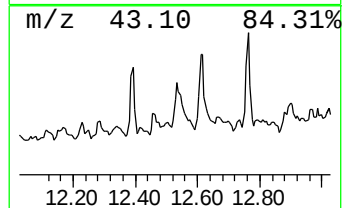
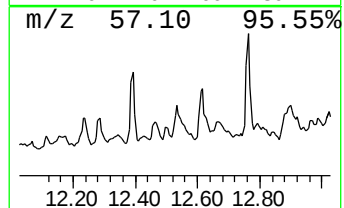
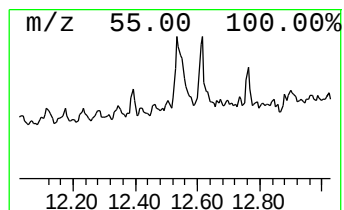
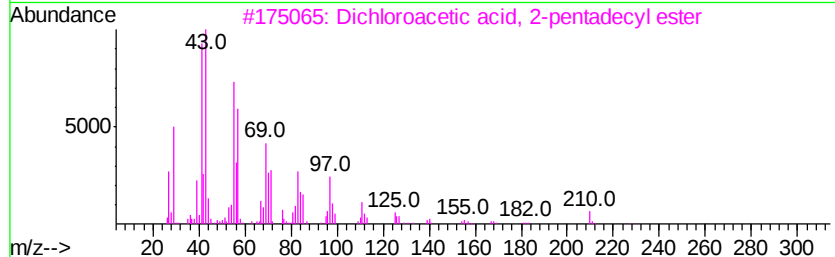
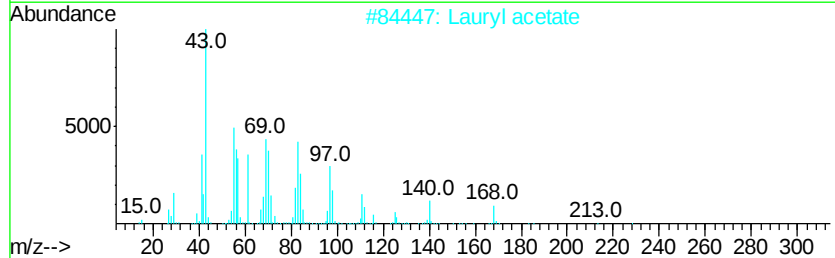
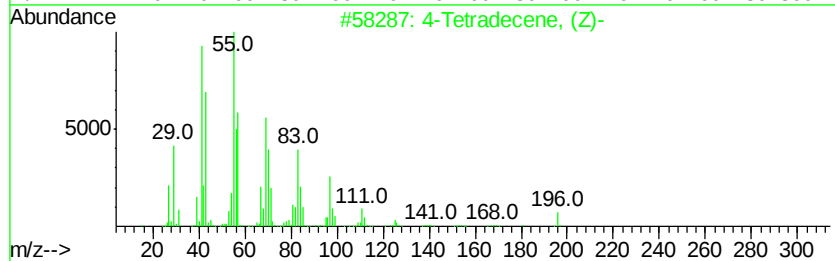
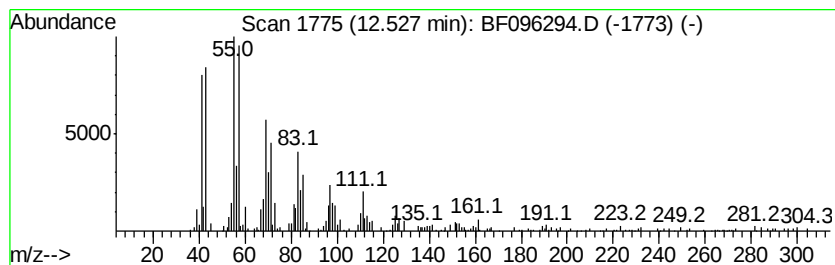
Instrument :
BNA_F
ClientSampleId :
TL-WTP-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4-Tetradecene, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	20.51 ng	890535	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	90
2	Lauryl acetate	228	C14H28O2	000112-66-3	86
3	Dichloroacetic acid, 2-pentadecyl...	338	C17H32Cl2O2	1000280-64-7	83
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	74
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
Operator : SJ/MA
Sample : I3874-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TL-WTP-02

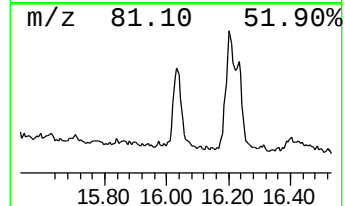
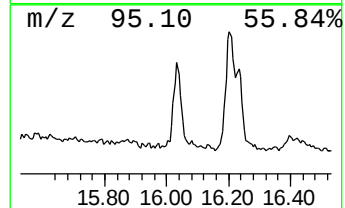
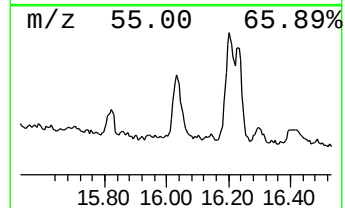
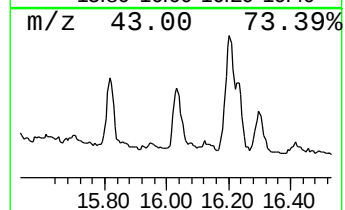
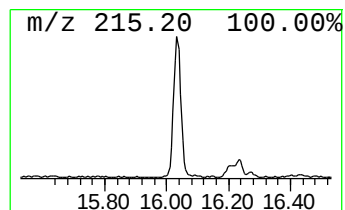
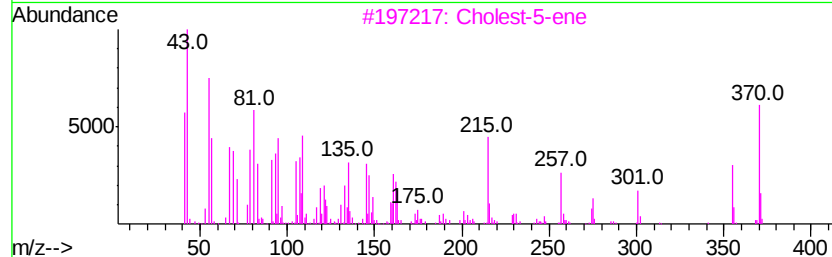
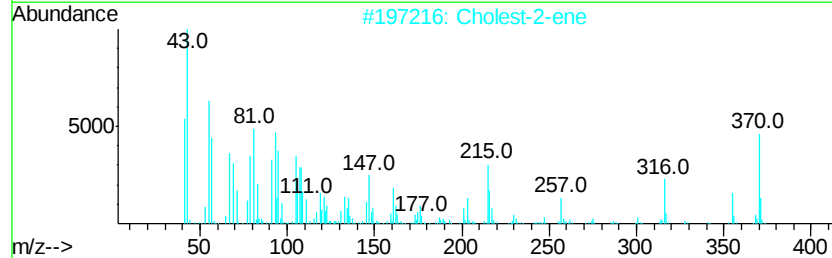
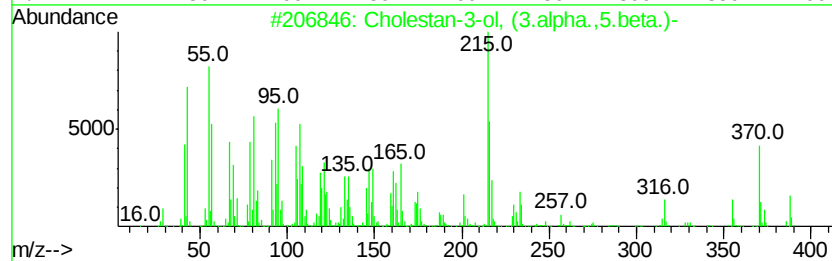
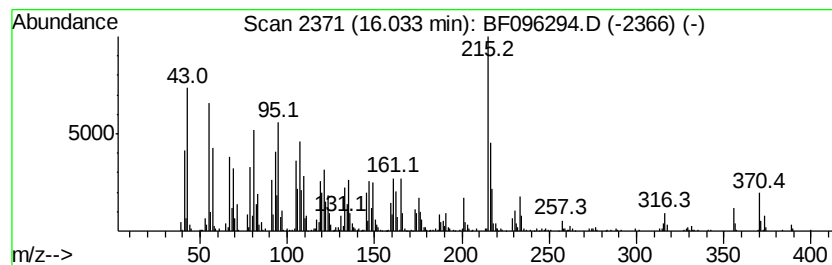
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cholestan-3-ol, (3.alpha.,5... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	29.70 ng	1447820	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	90
2		Cholest-2-ene	370	C27H46	015910-23-3	50
3		Cholest-5-ene	370	C27H46	000570-74-1	49
4		Cyclopent[el]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	38
5		7H-Benzanthrene	216	C17H12	000199-94-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096294.D
Acq On : 29 Jun 2017 16:22
Operator : SJ/MA
Sample : I3874-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TL-WTP-02

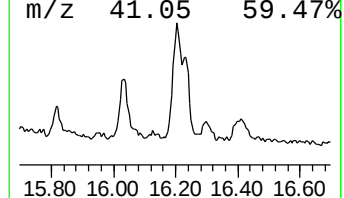
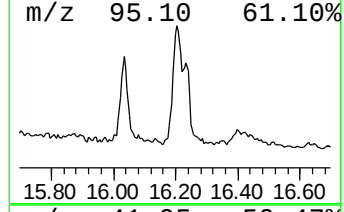
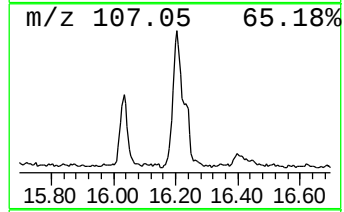
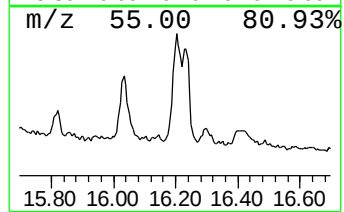
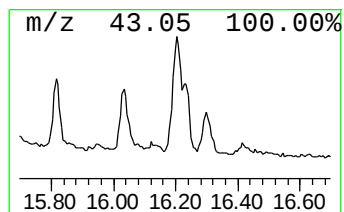
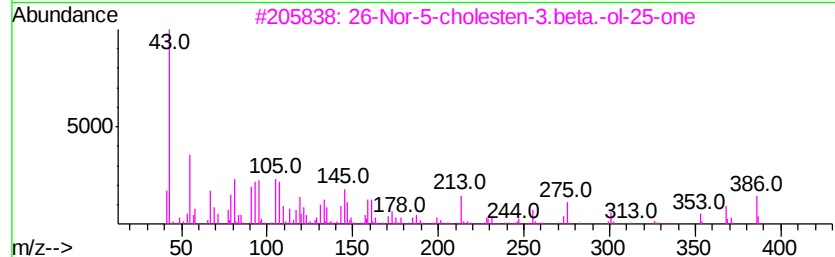
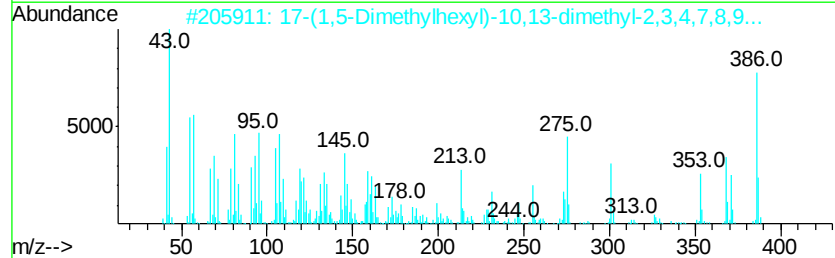
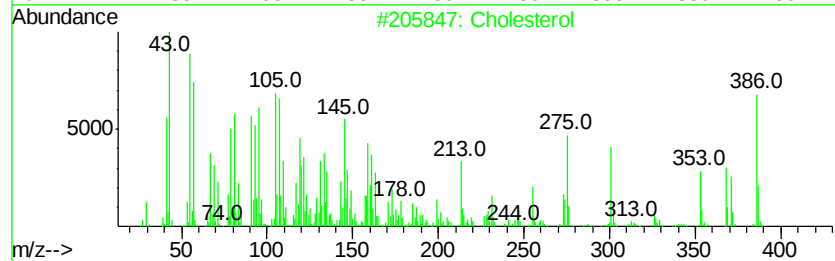
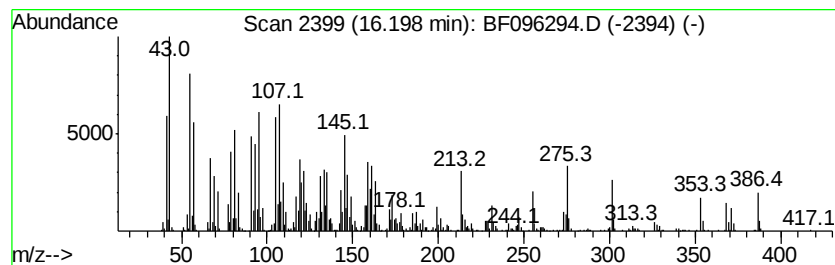
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cholesterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	53.49 ng	2607940	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesterol	386	C27H46O	000057-88-5	99
2		17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	94
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	91
4		Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	53
5		Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	51



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062917\
 Data File : BF096294.D
 Acq On : 29 Jun 2017 16:22
 Operator : SJ/MA
 Sample : I3874-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TL-WTP-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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
Hexane, 2,2,5-tri...	6.28	27.6	ng	2025240	1	6.77	1468620	20.0
unknown6.54	6.54	51.6	ng	3787420	1	6.77	1468620	20.0
p-Cymene	6.86	68.3	ng	5015240	1	6.77	1468620	20.0
Nonane, 3-methyl-...	6.92	104.5	ng	7670690	1	6.77	1468620	20.0
Hexane, 2,2,3-tri...	7.06	74.9	ng	5502890	1	6.77	1468620	20.0
Octane, 6-ethyl-2...	7.22	45.7	ng	3357740	1	6.77	1468620	20.0
Hexadecane	7.38	47.0	ng	3448450	1	6.77	1468620	20.0
unknown10.73	10.73	34.6	ng	1500560	4	11.29	868321	20.0
Pentanoic acid, 5...	10.78	46.6	ng	2024150	4	11.29	868321	20.0
unknown10.82	10.82	58.2	ng	2527020	4	11.29	868321	20.0
unknown10.85	10.85	46.5	ng	2017940	4	11.29	868321	20.0
unknown10.87	10.87	24.5	ng	1063560	4	11.29	868321	20.0
5H-Pyrrolo(3,2-d)...	10.96	63.7	ng	2764270	4	11.29	868321	20.0
Phenol, 4-(1,1,3,...	11.00	52.4	ng	2276010	4	11.29	868321	20.0
Benzene, 1-(1,1-d...	11.04	27.0	ng	1171530	4	11.29	868321	20.0
n-Hexadecanoic acid	11.83	59.0	ng	2559520	4	11.29	868321	20.0
4-Tetradecene, (Z)-	12.53	20.5	ng	890535	4	11.29	868321	20.0
Cholestan-3-ol, (...)	16.03	29.7	ng	1447820	6	15.34	975029	20.0
Cholesterol	16.20	53.5	ng	2607940	6	15.34	975029	20.0