

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
 Data File : BF102782.D
 Acq On : 6 Feb 2018 14:24
 Operator : SJ/JU
 Sample : J1454-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-10-WW(4-8)

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-BF020318.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	6	14	22	rVB	543994	758357	4.61%	0.296%
2	3.981	310	322	326	rBV	465240	667223	4.06%	0.261%
3	5.110	508	514	520	rVV2	787952	1132083	6.88%	0.442%
4	5.304	541	547	551	rBV2	682190	864478	5.25%	0.338%
5	5.375	555	559	563	rVB	1484237	1485045	9.03%	0.580%
6	5.504	570	581	584	rBV2	6502349	12431235	75.56%	4.858%
7	5.657	604	607	613	rBV3	928614	1551504	9.43%	0.606%
8	5.704	613	615	618	rVB	1462850	1201839	7.31%	0.470%
9	5.745	618	622	628	rVB3	1035165	1553319	9.44%	0.607%
10	5.810	628	633	638	rVB3	682283	725432	4.41%	0.283%
11	5.916	642	651	654	rBV3	1945039	3009310	18.29%	1.176%
12	5.957	654	658	661	rBV2	1276824	1900906	11.55%	0.743%
13	6.051	669	674	677	rVB4	2706705	4031056	24.50%	1.575%
14	6.086	677	680	683	rBV2	1331454	1715937	10.43%	0.671%
15	6.139	683	689	695	rBV2	6764803	10300458	62.61%	4.025%
16	6.198	695	699	701	rVB	5080731	4825106	29.33%	1.886%
17	6.234	701	705	707	rBV4	1234838	1623098	9.87%	0.634%
18	6.257	707	709	711	rVB	1121364	771441	4.69%	0.301%
19	6.275	711	712	716	rVB2	1123724	875479	5.32%	0.342%
20	6.328	716	721	724	rBV2	4169430	5899023	35.86%	2.305%
21	6.363	725	727	729	rVV3	772719	723663	4.40%	0.283%
22	6.386	729	731	734	rVB	4555011	3930859	23.89%	1.536%
23	6.428	734	738	744	rBV4	5447202	9457261	57.49%	3.696%
24	6.510	744	752	755	rBV5	3992131	6460445	39.27%	2.525%
25	6.539	755	757	759	rVV	2060084	1628851	9.90%	0.637%
26	6.563	759	761	764	rVV2	2379505	1970566	11.98%	0.770%
27	6.592	764	766	768	rVB	1676134	1301850	7.91%	0.509%
28	6.657	768	777	784	rVB7	5128988	16451331	100.00%	6.429%
29	6.716	784	787	791	rBV2	3291009	4844684	29.45%	1.893%
30	6.745	791	792	795	rVB2	2587398	2120205	12.89%	0.829%
31	6.775	795	797	799	rBV2	1078829	931471	5.66%	0.364%
32	6.828	799	806	807	rBV4	1535445	3216103	19.55%	1.257%
33	6.857	807	811	812	rVV3	2288865	3362250	20.44%	1.314%
34	6.910	812	820	823	rVV2	7233008	12688856	77.13%	4.958%

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Integration Parameters: rteint.p
 Integrator: RTE
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 Sampling : 1
 Start Thrs: 0.2
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Filtering: 5
 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.945	823	826	829	rVV2	2790136	3168329	19.26%	1.238%
36	6.998	829	835	839	rVV4	2847116	5846919	35.54%	2.285%
37	7.039	839	842	846	rVV4	6126831	9213652	56.01%	3.600%
38	7.069	846	847	850	rVV	2439757	1738185	10.57%	0.679%
39	7.116	853	855	857	rBV2	2300013	2160529	13.13%	0.844%
40	7.163	857	863	866	rVB4	5130840	6859006	41.69%	2.680%
41	7.204	866	870	872	rBV3	1599911	2016085	12.25%	0.788%
42	7.233	872	875	877	rVB2	1459201	1280553	7.78%	0.500%
43	7.286	877	884	886	rBV4	3062719	3917198	23.81%	1.531%
44	7.316	886	889	893	rVB4	1691721	2270381	13.80%	0.887%
45	7.375	893	899	902	rBV4	919405	2204474	13.40%	0.861%
46	7.422	902	907	909	rBV4	3938442	5989342	36.41%	2.340%
47	7.451	909	912	918	rVB4	2650394	4486005	27.27%	1.753%
48	7.528	921	925	928	rBV4	2760426	4569777	27.78%	1.786%
49	7.592	928	936	938	rBV3	2234527	4180777	25.41%	1.634%
50	7.633	938	943	945	rBV5	828767	1273077	7.74%	0.497%
51	7.663	945	948	950	rBV2	1861029	1818567	11.05%	0.711%
52	7.716	955	957	959	rVB	681754	520602	3.16%	0.203%
53	7.763	962	965	967	rBV2	896227	1064267	6.47%	0.416%
54	7.786	967	969	971	rVV	2242860	1825898	11.10%	0.714%
55	7.810	971	973	976	rVV3	1832001	1638199	9.96%	0.640%
56	7.839	976	978	982	rVB	1238685	1263181	7.68%	0.494%
57	7.910	987	990	993	rBV2	3027798	3017169	18.34%	1.179%
58	7.980	999	1002	1006	rBV4	783104	987672	6.00%	0.386%
59	8.033	1008	1011	1015	rBV2	889102	1037279	6.31%	0.405%
60	8.098	1019	1022	1024	rVV3	676818	735913	4.47%	0.288%
61	8.169	1028	1034	1036	rVV2	2030652	3355549	20.40%	1.311%
62	8.222	1039	1043	1046	rVB2	3189179	3174106	19.29%	1.240%
63	8.251	1046	1048	1051	rBV	961533	879687	5.35%	0.344%
64	8.316	1056	1059	1061	rBV3	601264	574439	3.49%	0.224%
65	8.369	1065	1068	1070	rVB2	678572	589046	3.58%	0.230%
66	8.451	1076	1082	1086	rVB4	1130296	1473238	8.96%	0.576%
67	8.545	1095	1098	1101	rVB3	536844	555891	3.38%	0.217%
68	8.580	1101	1104	1107	rBV	2045808	1925690	11.71%	0.753%
69	8.669	1117	1119	1121	rBV2	665416	521016	3.17%	0.204%
70	8.704	1121	1125	1127	rBV3	478317	530480	3.22%	0.207%
71	8.751	1131	1133	1137	rBV3	674748	665383	4.04%	0.260%

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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

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72	8.851	1147	1150	1152	rVB2	872668	881833	5.36%	0.345%
73	8.945	1162	1166	1168	rBV3	403707	557075	3.39%	0.218%
74	9.039	1179	1182	1185	rBV4	406224	565867	3.44%	0.221%
75	9.069	1185	1187	1191	rVB	963508	902621	5.49%	0.353%
76	9.180	1204	1206	1212	rVB	2138591	1972810	11.99%	0.771%
77	9.239	1212	1216	1219	rBV	3979425	3747646	22.78%	1.464%
78	9.322	1226	1230	1234	rBV4	1110240	1826990	11.11%	0.714%
79	9.510	1258	1262	1264	rVB2	655506	770537	4.68%	0.301%
80	9.575	1271	1273	1276	rVV	888431	957965	5.82%	0.374%
81	9.639	1280	1284	1287	rVV3	2833618	3081391	18.73%	1.204%
82	9.792	1306	1310	1312	rBV3	523254	664532	4.04%	0.260%
83	9.827	1312	1316	1318	rBV3	579343	863365	5.25%	0.337%
84	9.892	1324	1327	1328	rBV3	493927	546689	3.32%	0.214%
85	9.922	1329	1332	1335	rVB	1540181	1469975	8.94%	0.574%
86	9.957	1335	1338	1340	rBV	1096210	904214	5.50%	0.353%
87	10.022	1347	1349	1354	rBV2	575590	671463	4.08%	0.262%
88	10.074	1354	1358	1362	rBV6	474976	878499	5.34%	0.343%
89	10.127	1362	1367	1370	rVV3	1005788	1534996	9.33%	0.600%
90	10.169	1370	1374	1382	rVB6	831648	1873299	11.39%	0.732%
91	10.239	1383	1386	1388	rBV2	708703	709339	4.31%	0.277%
92	10.333	1398	1402	1403	rBV4	695194	906452	5.51%	0.354%
93	10.374	1407	1409	1412	rBV2	516132	521261	3.17%	0.204%
94	10.469	1422	1425	1430	rVV4	1014309	1117548	6.79%	0.437%
95	10.569	1438	1442	1447	rBV	2018400	2516023	15.29%	0.983%
96	10.710	1464	1466	1469	rVB	1519583	1438595	8.74%	0.562%
97	10.839	1483	1488	1491	rBV	3082931	3658524	22.24%	1.430%
98	11.304	1564	1567	1573	rVB2	1988228	2141801	13.02%	0.837%
99	11.416	1583	1586	1588	rBV	1124171	1289618	7.84%	0.504%
100	11.439	1588	1590	1593	rVB	1493135	1196123	7.27%	0.467%

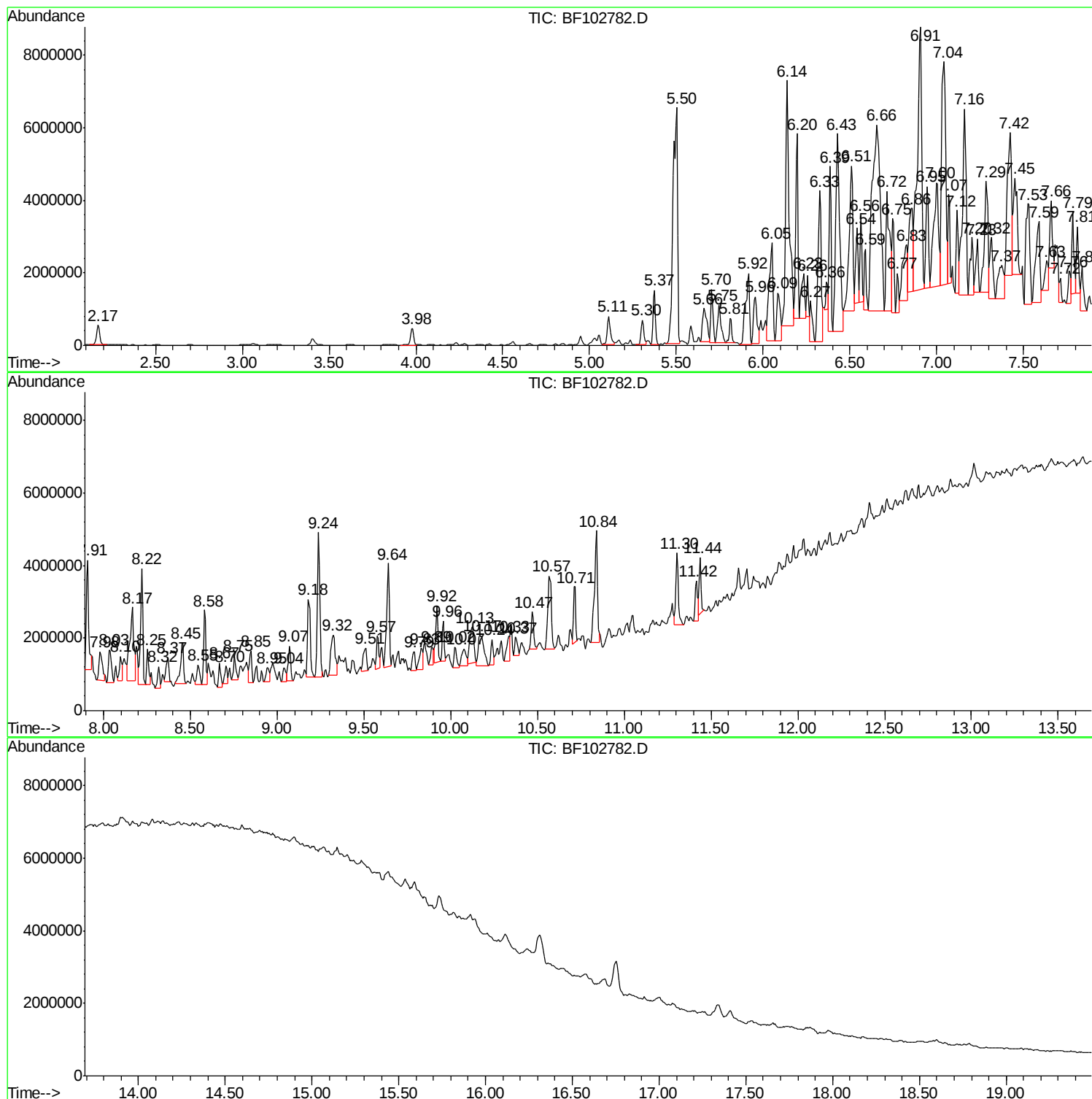
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Instrument :
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ClientSampleId :
8-SAN-10-WW(4-8)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.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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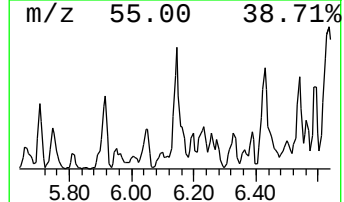
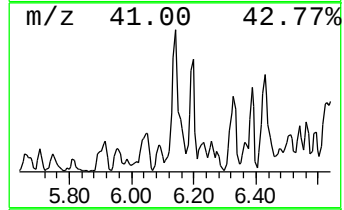
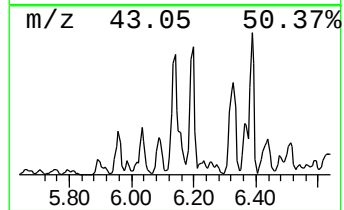
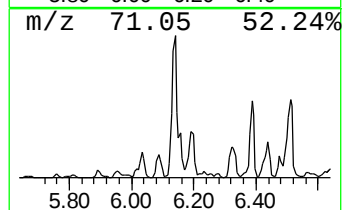
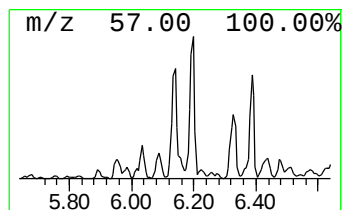
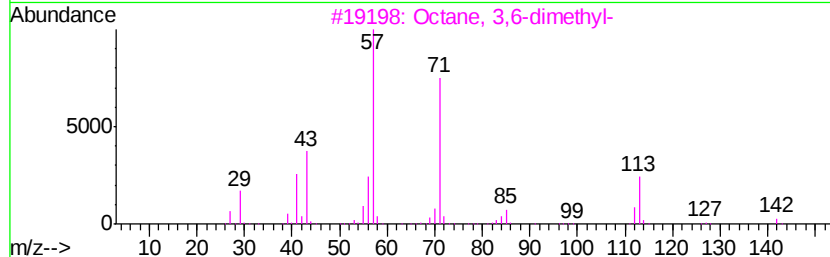
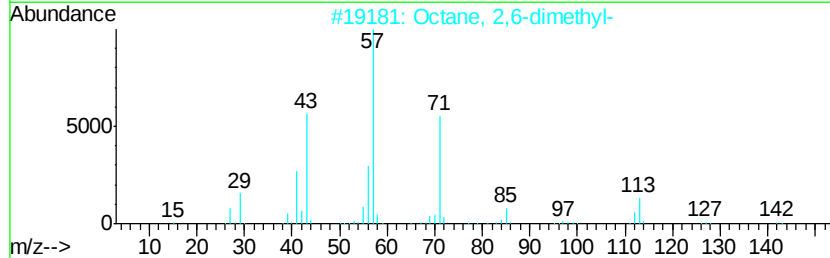
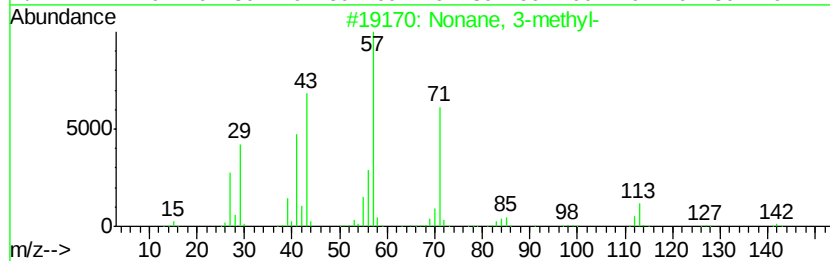
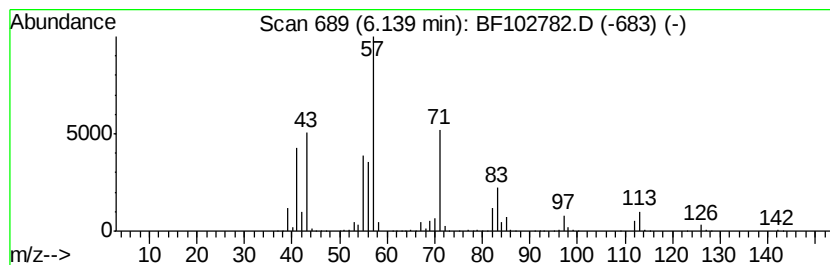
Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.14	16.24 ng	10300500	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47



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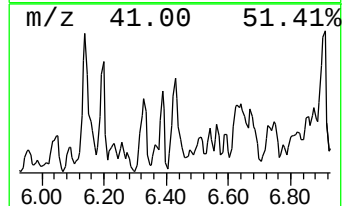
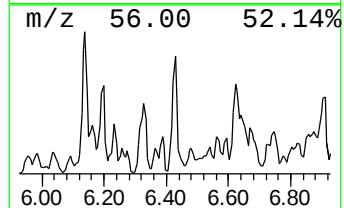
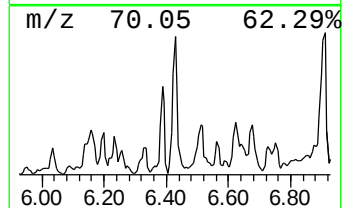
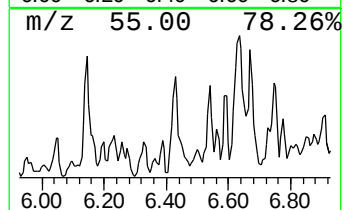
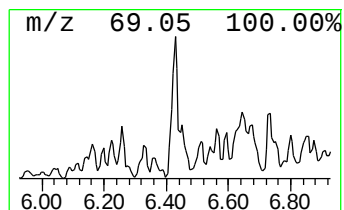
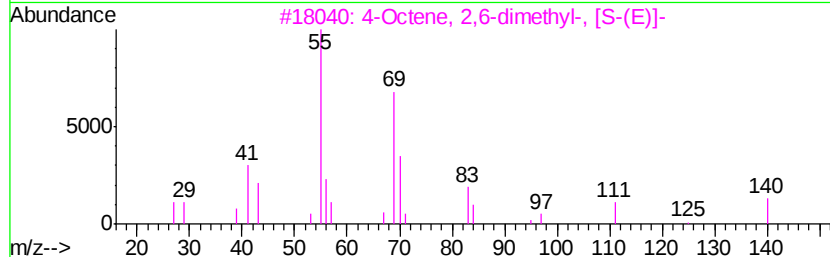
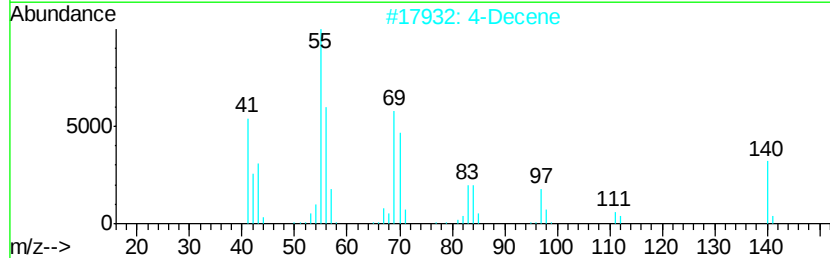
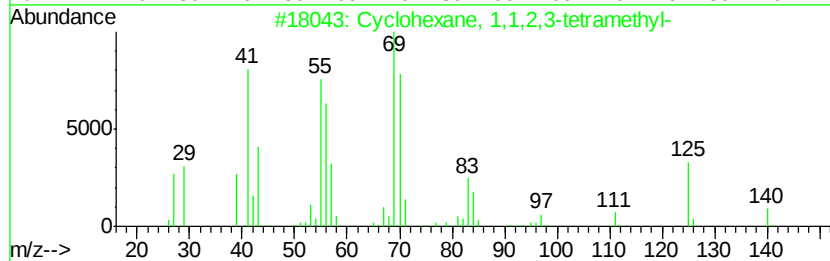
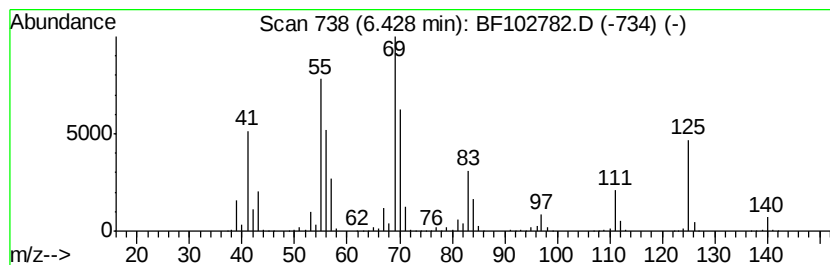
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	14.91 ng	9457260	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	93
2		4-Decene	140	C10H20	019689-18-0	64
3		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	62
4		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
5		3-Ethyl-4-octene	140	C10H20	019781-32-9	43



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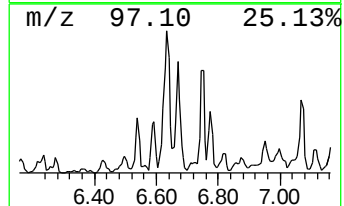
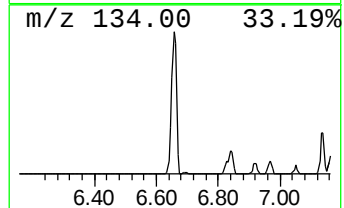
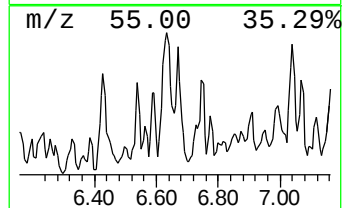
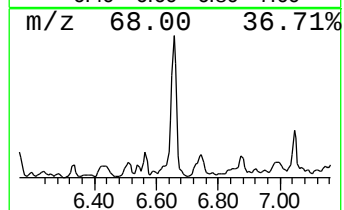
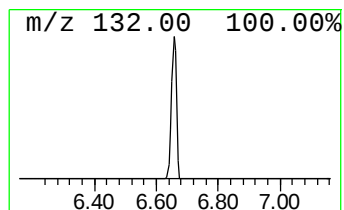
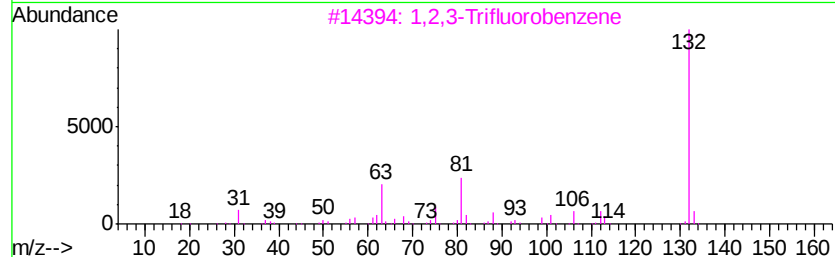
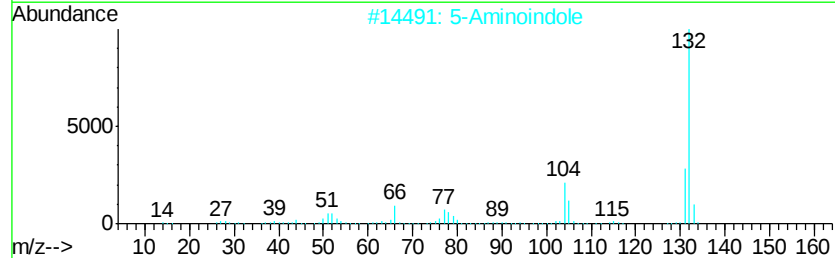
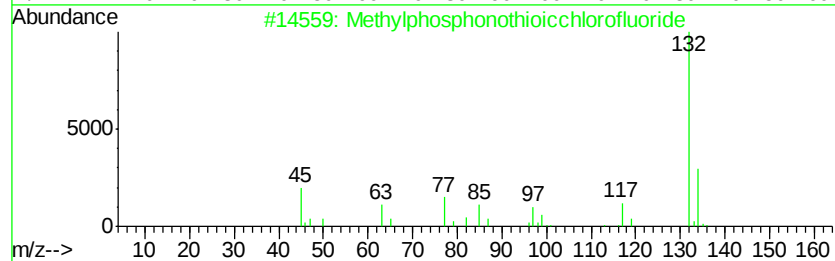
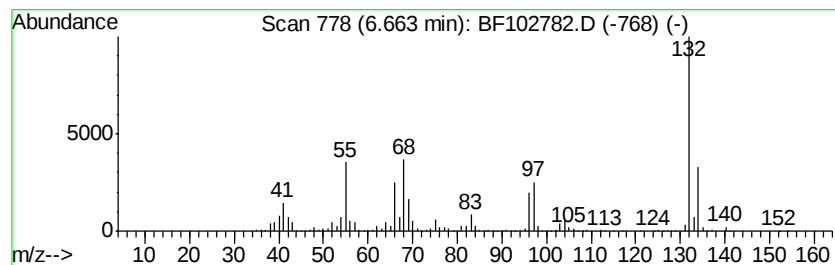
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Methylphosphonothioicchloro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	25.93 ng	16451300	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	22
2		5-Aminoindole	132	C8H8N2	005192-03-0	10
3		1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
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Instrument :
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ClientSampleId :
8-SAN-10-WW(4-8)

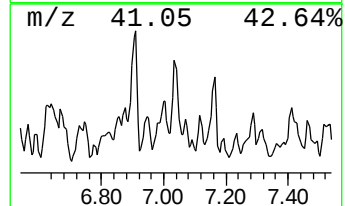
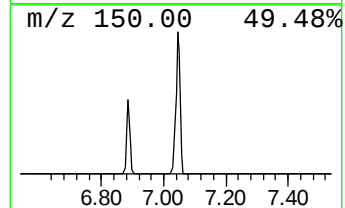
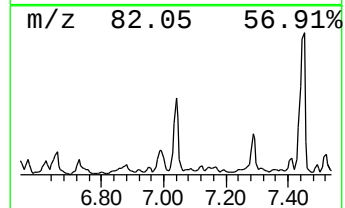
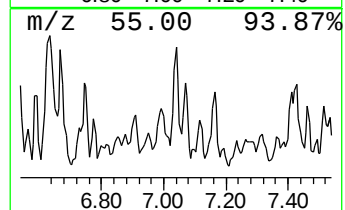
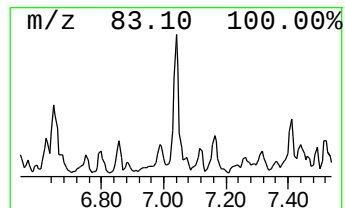
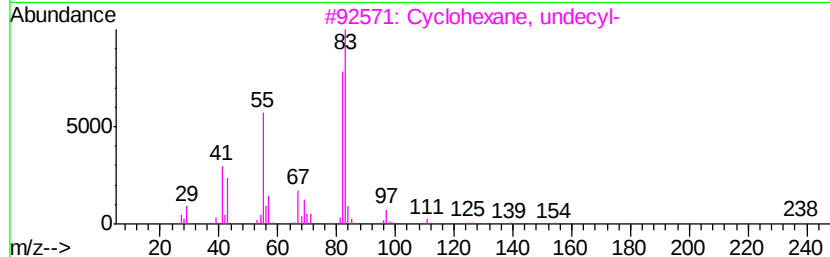
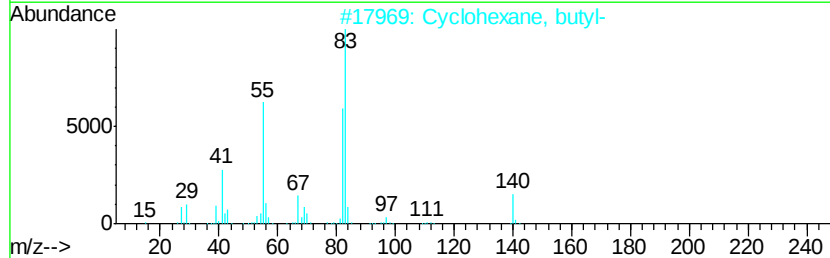
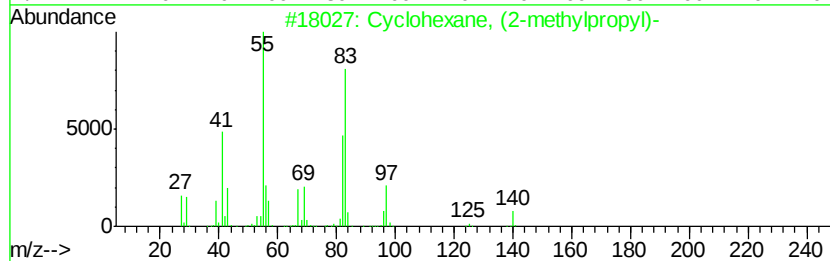
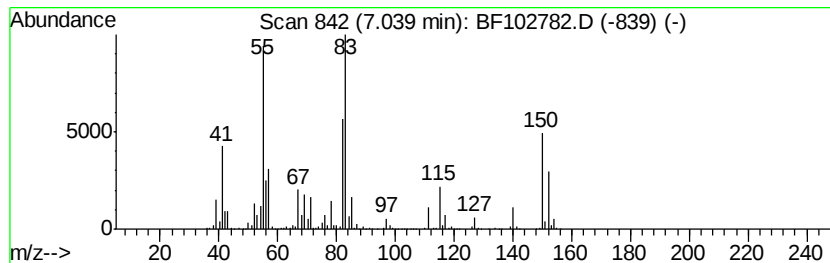
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, (2-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	14.52 ng	9213650	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	43
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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ClientSampleId :
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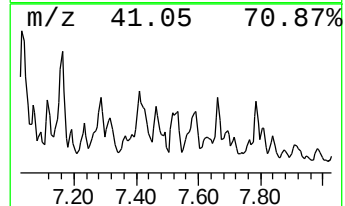
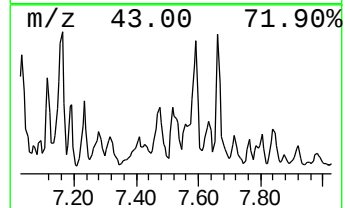
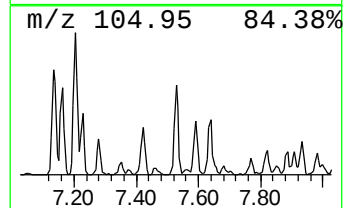
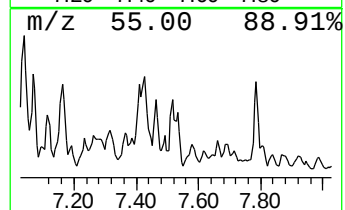
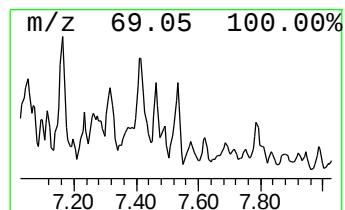
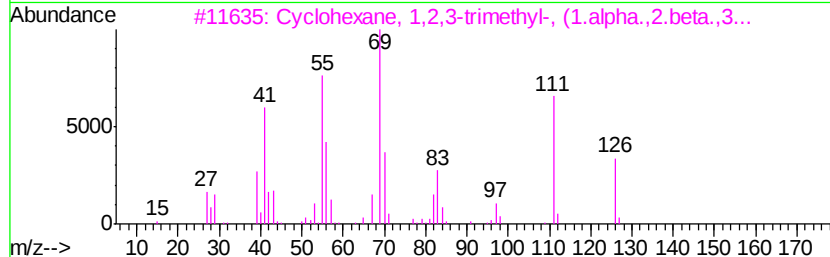
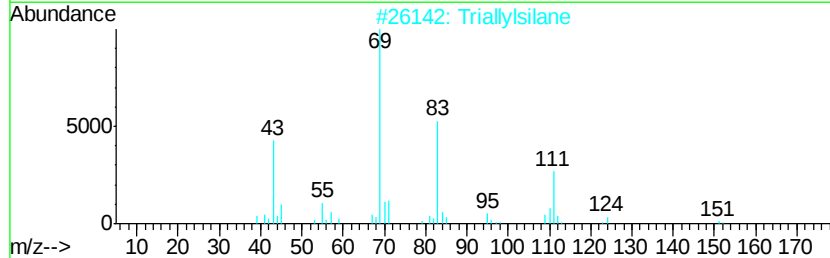
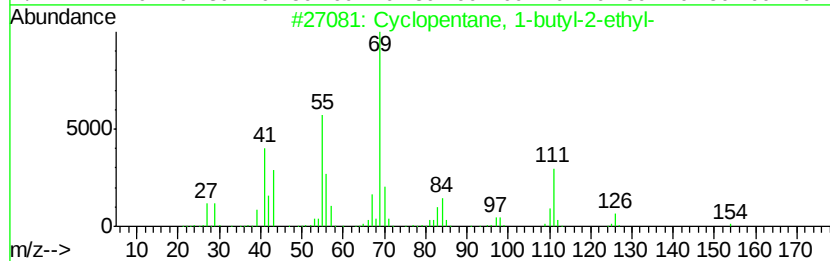
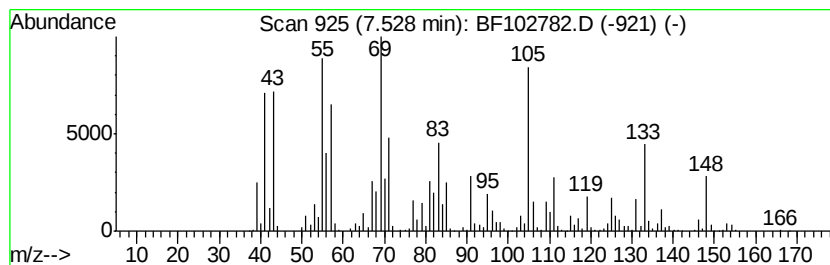
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.53 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	27.24 ng	4569780	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	41
2		Triallylsilane	152	C9H16Si	001116-62-7	38
3		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	38
4		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	27
5		Pentane, 3-methylene-	84	C6H12	000760-21-4	25



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Instrument :
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ClientSampleId :
8-SAN-10-WW(4-8)

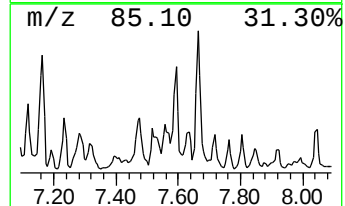
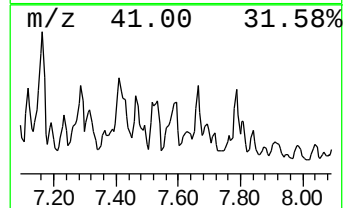
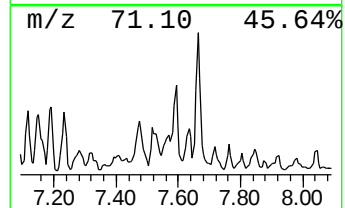
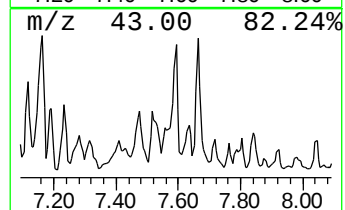
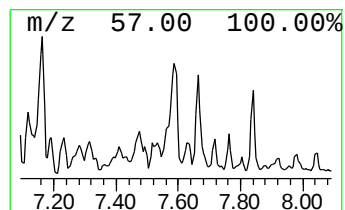
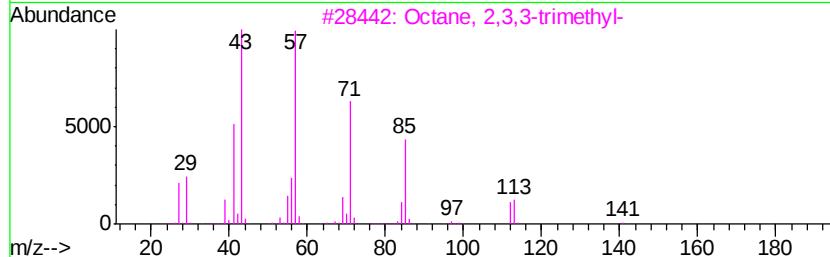
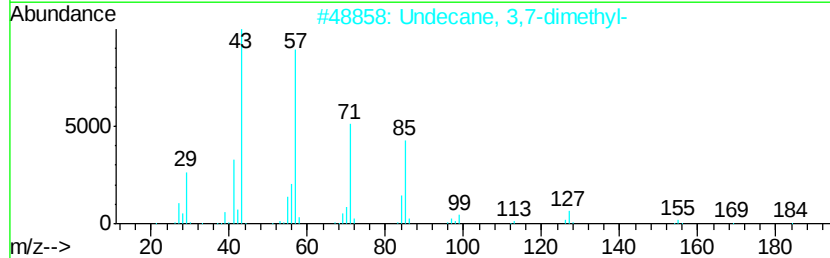
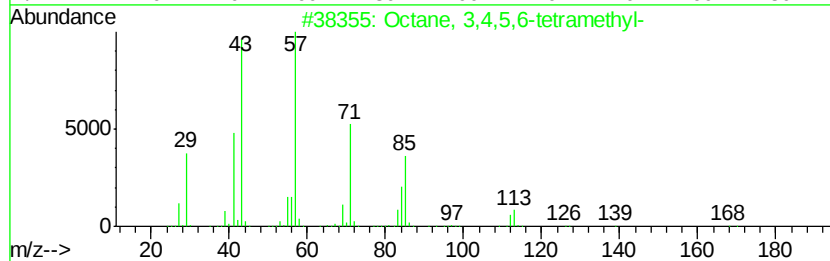
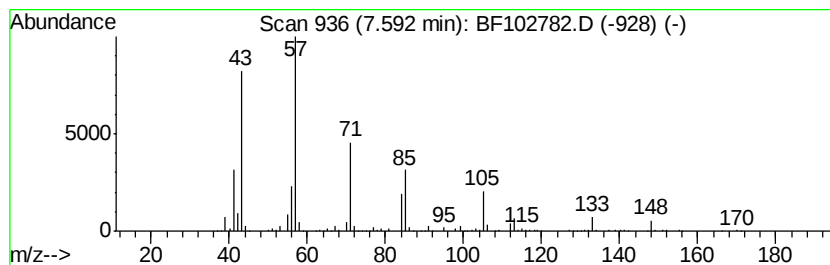
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 3,4,5,6-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	24.92 ng	4180780	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
2		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53
3		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
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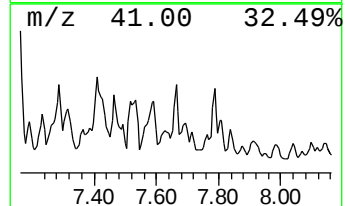
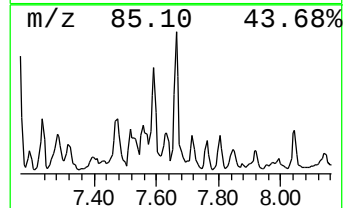
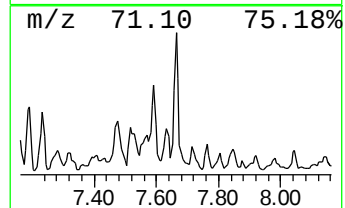
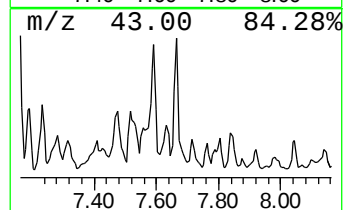
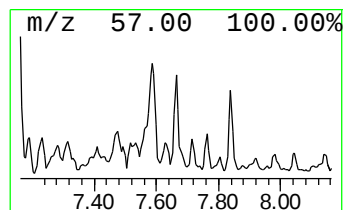
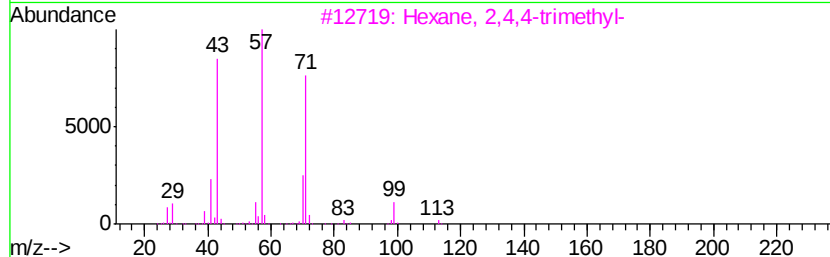
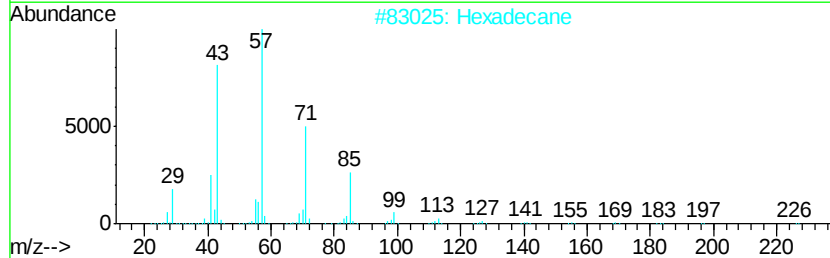
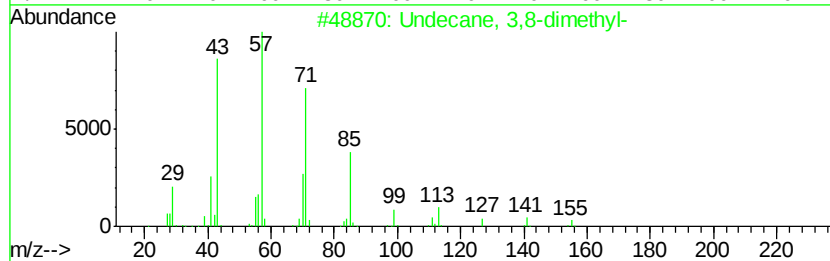
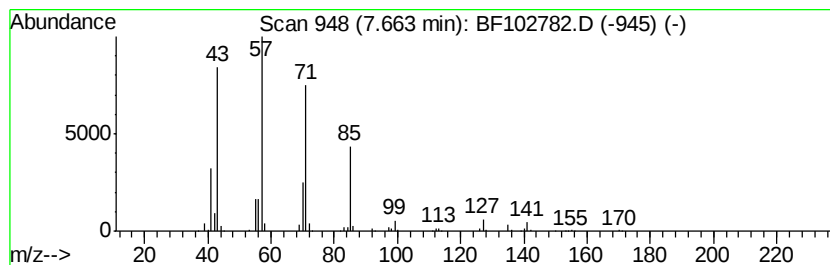
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 3,8-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	10.84 ng	1818570	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	83
2		Hexadecane	226	C16H34	000544-76-3	72
3		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	53
4		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	53
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102782.D
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8-SAN-10-WW(4-8)

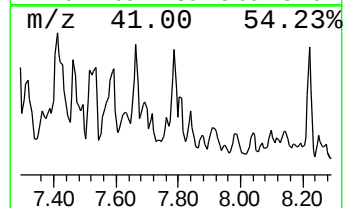
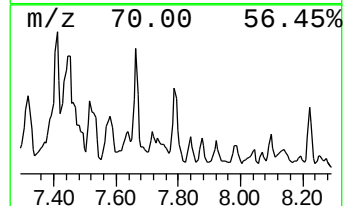
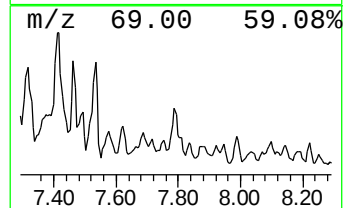
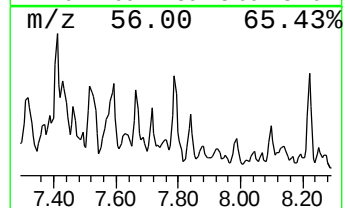
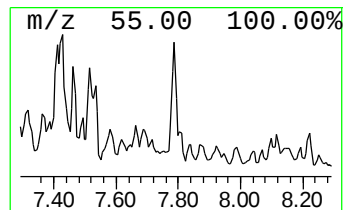
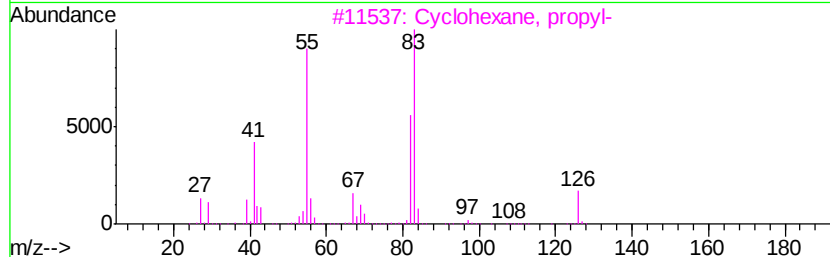
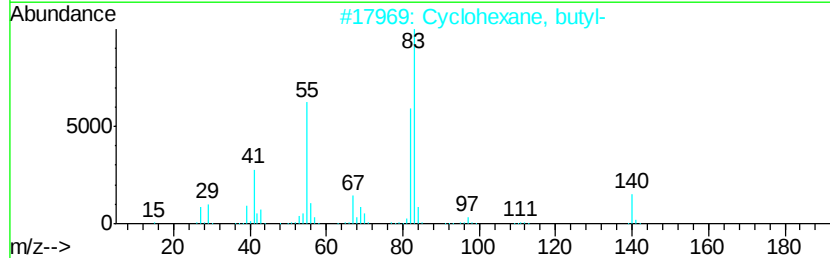
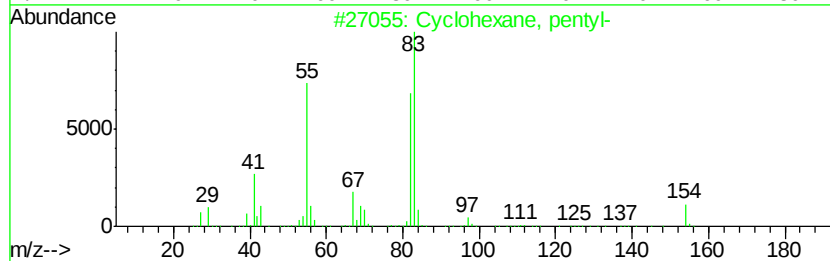
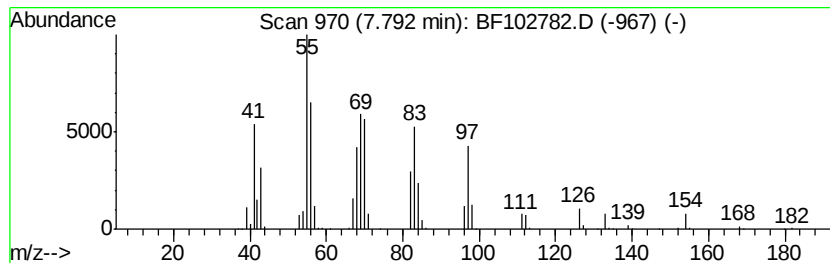
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexane, pentyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	10.88 ng	1825900	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49
5		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	49



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8-SAN-10-WW(4-8)

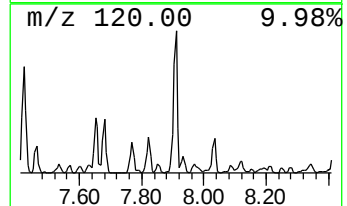
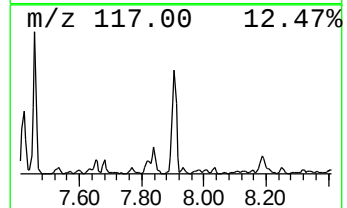
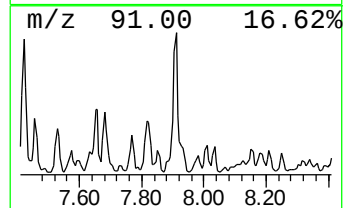
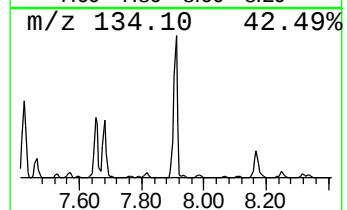
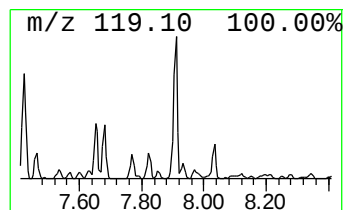
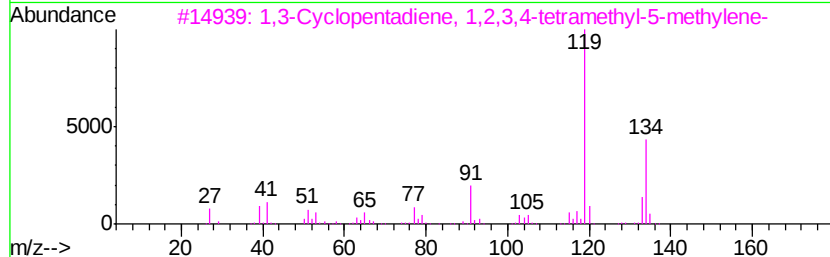
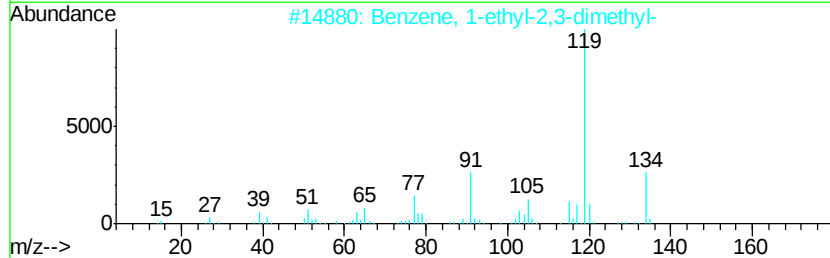
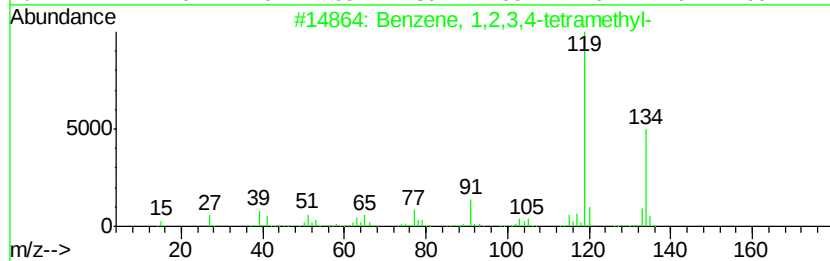
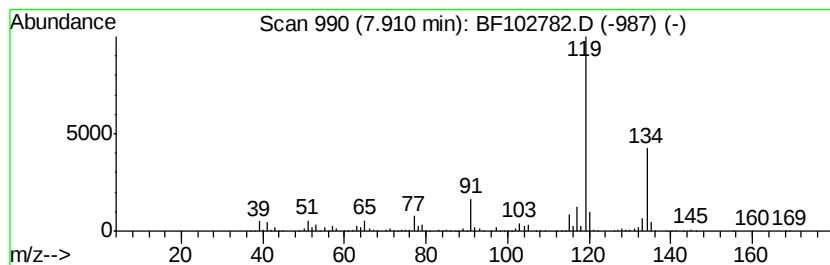
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	17.98 ng	3017170	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



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ALS Vial : 12 Sample Multiplier: 1

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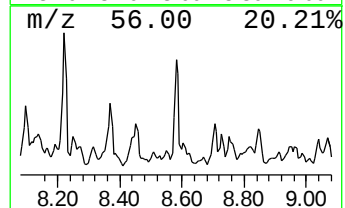
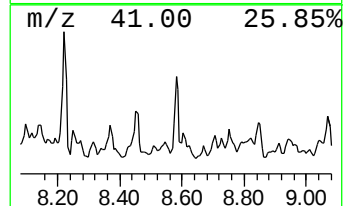
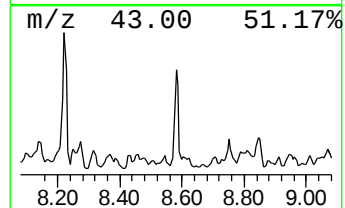
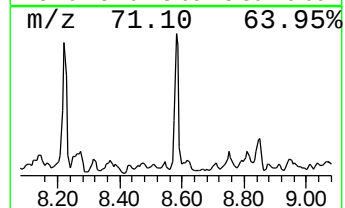
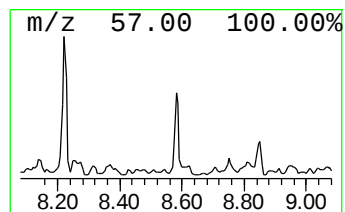
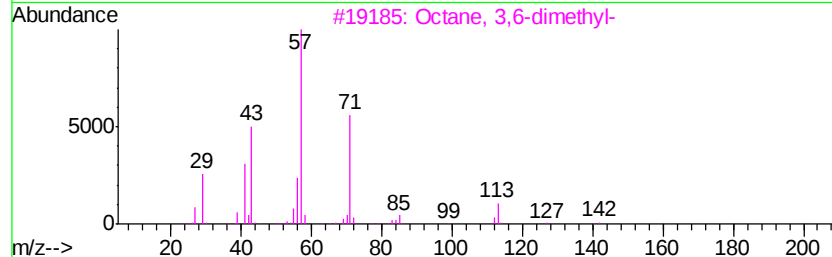
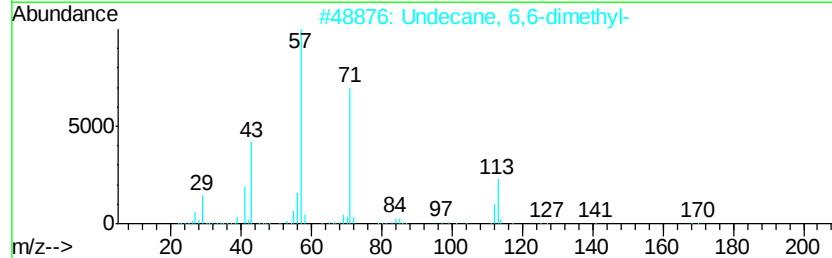
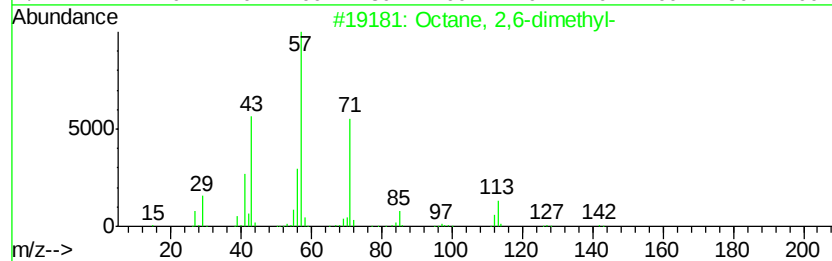
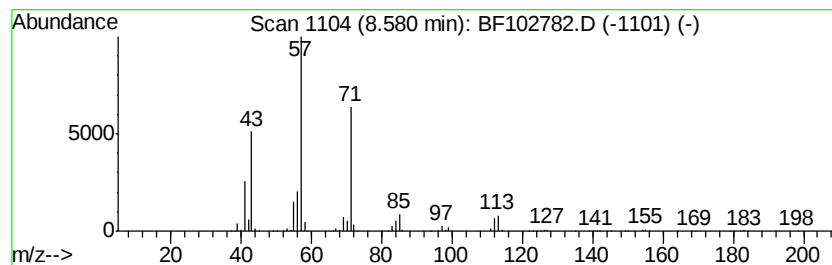
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	11.48 ng	1925690	Napthalene-d8	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(4-8)

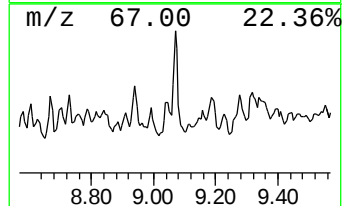
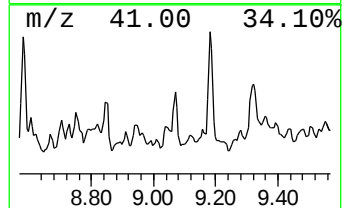
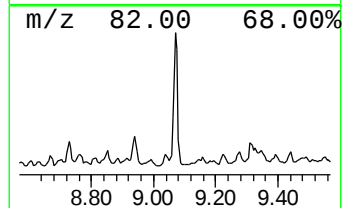
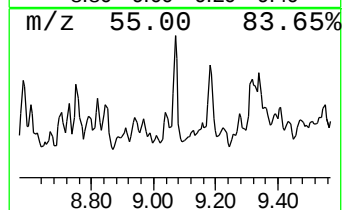
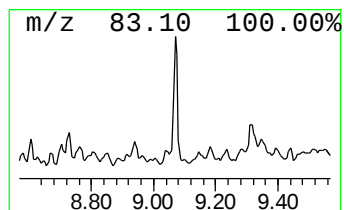
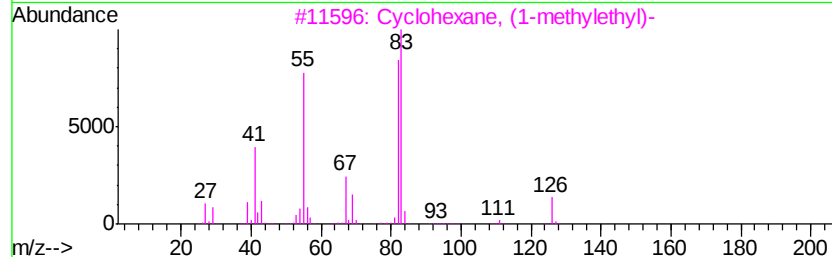
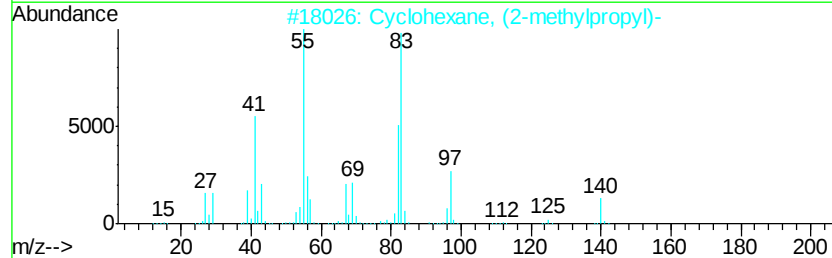
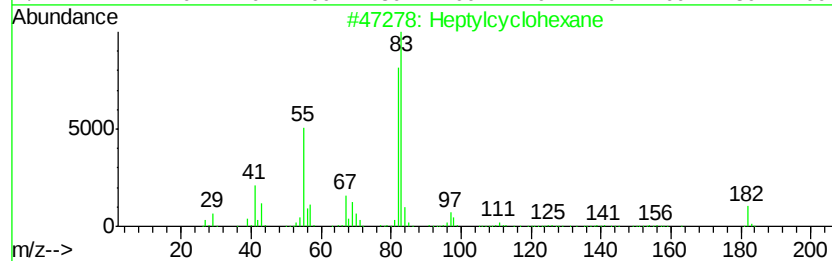
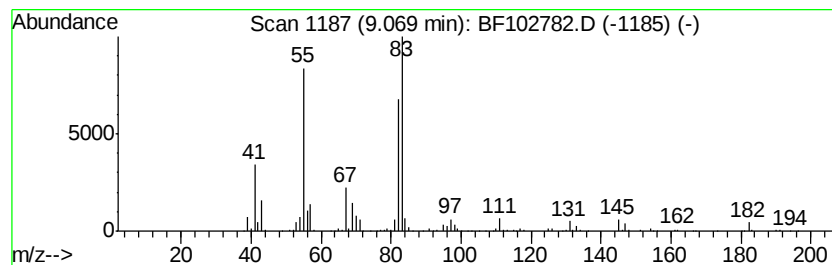
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	12.28 ng	902621	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	93
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-10-WW(4-8)

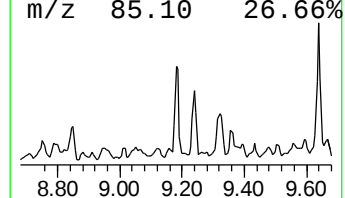
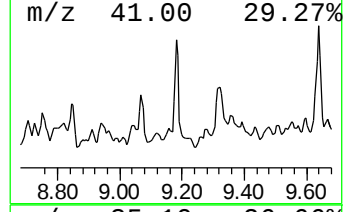
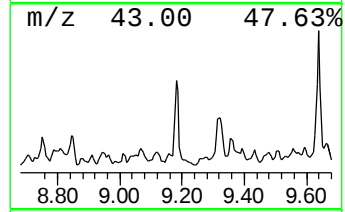
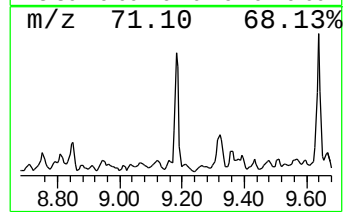
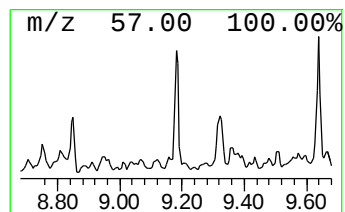
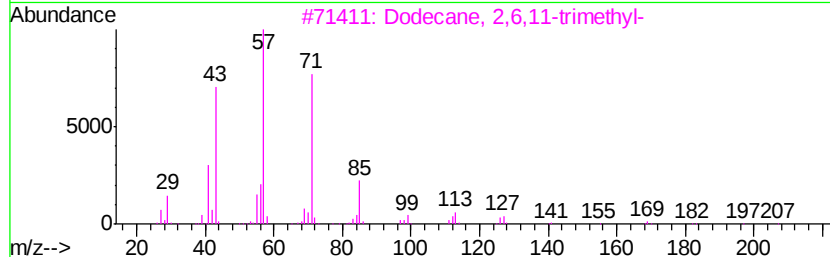
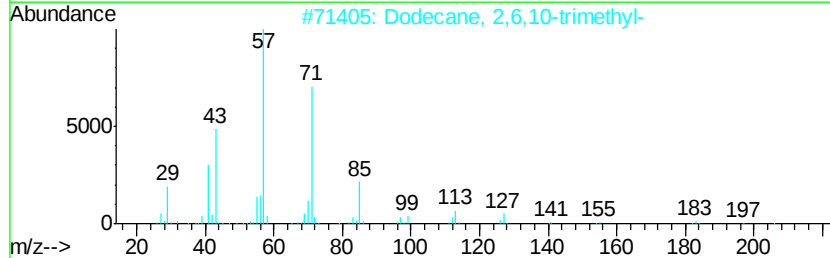
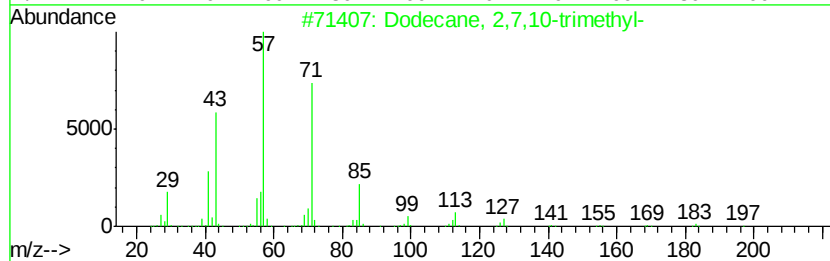
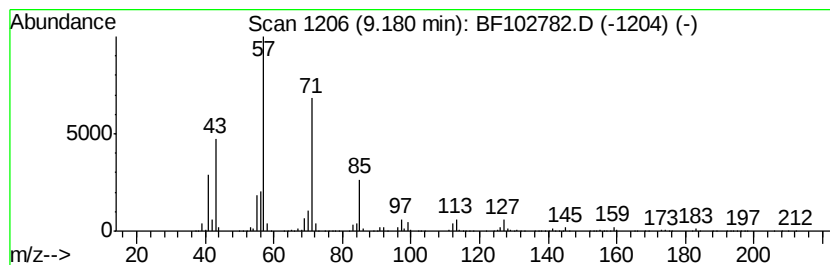
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	26.84 ng	1972810	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

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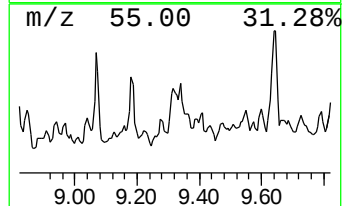
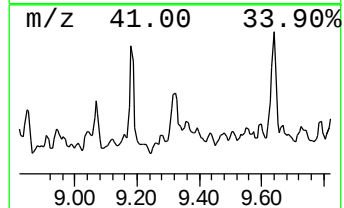
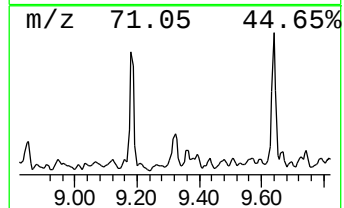
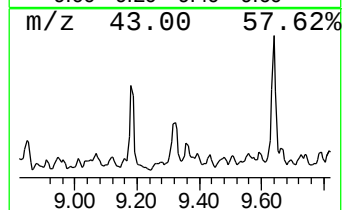
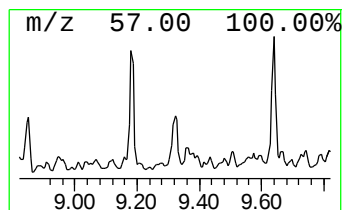
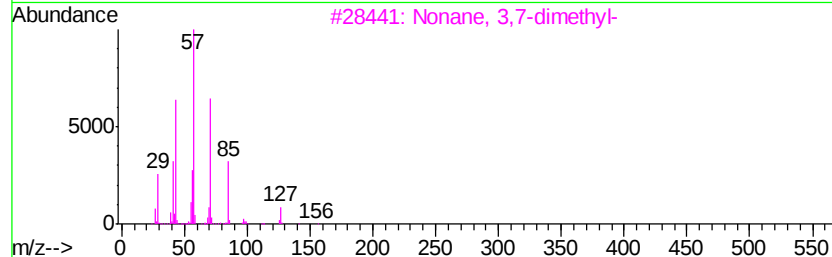
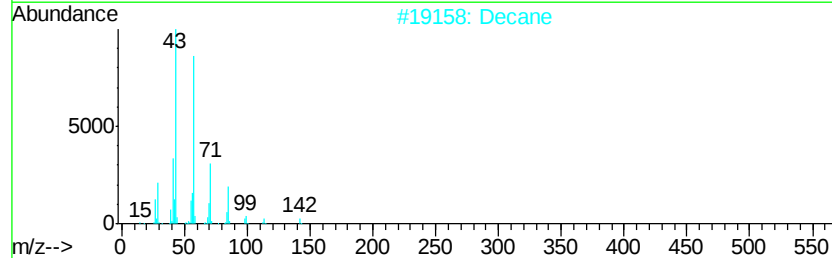
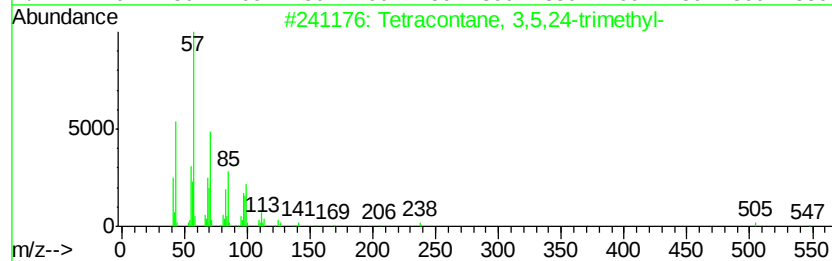
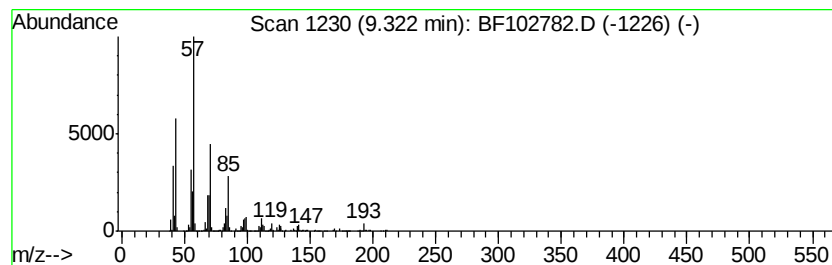
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracontane, 3,5,24-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	24.86 ng	1826990	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	80
2		Decane	142	C10H22	000124-18-5	72
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5		Dodecane	170	C12H26	000112-40-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

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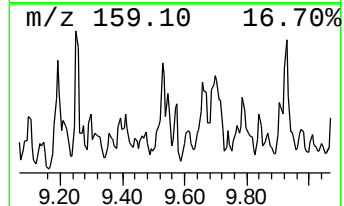
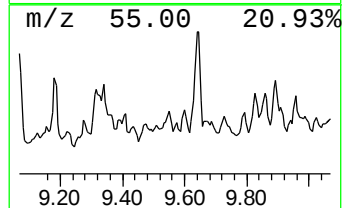
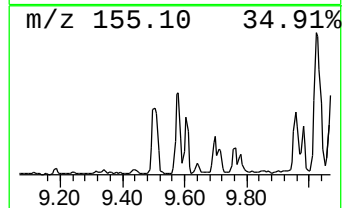
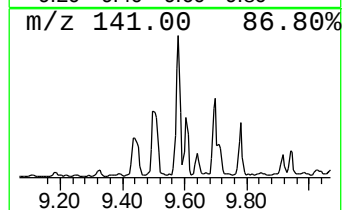
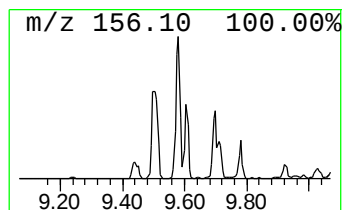
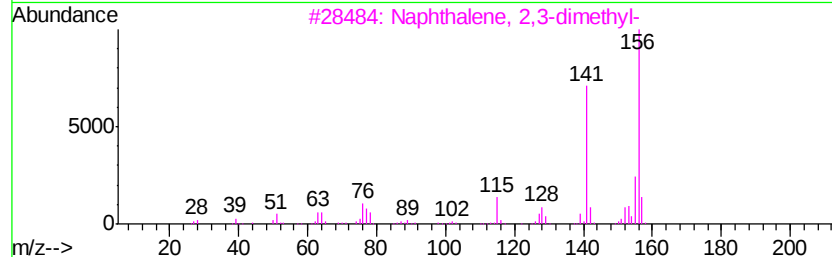
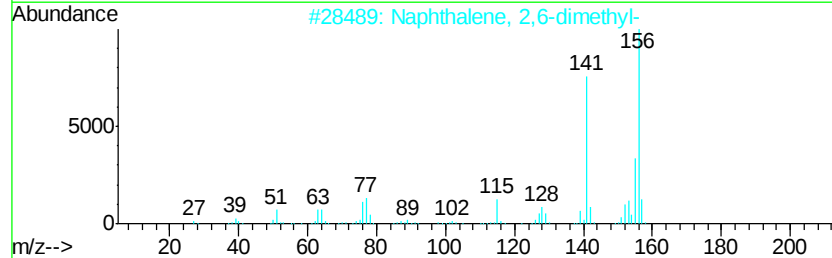
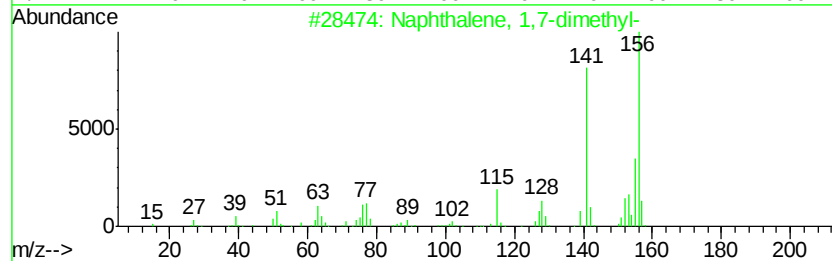
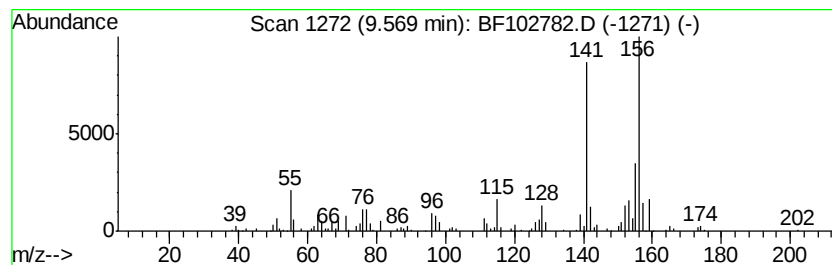
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	13.03 ng	957965	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-10-WW(4-8)

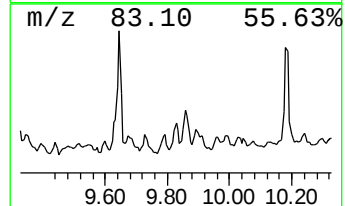
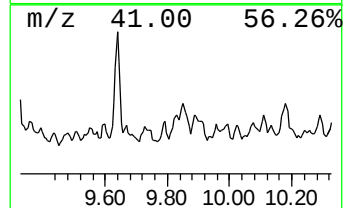
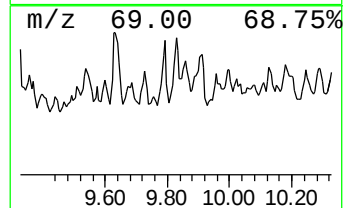
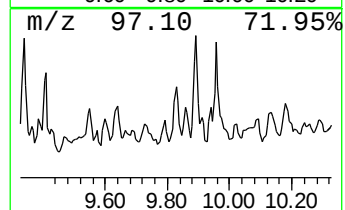
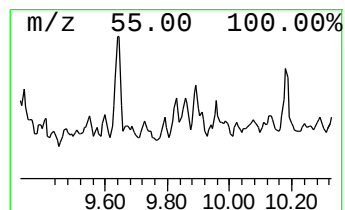
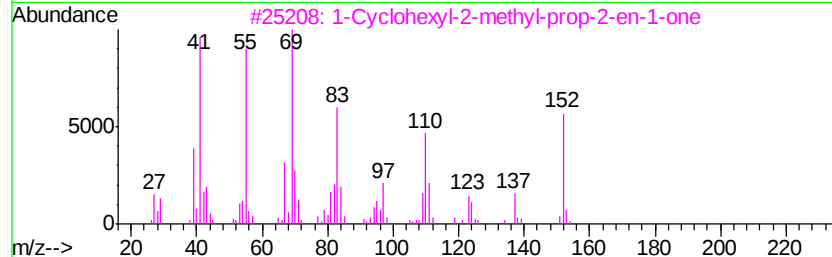
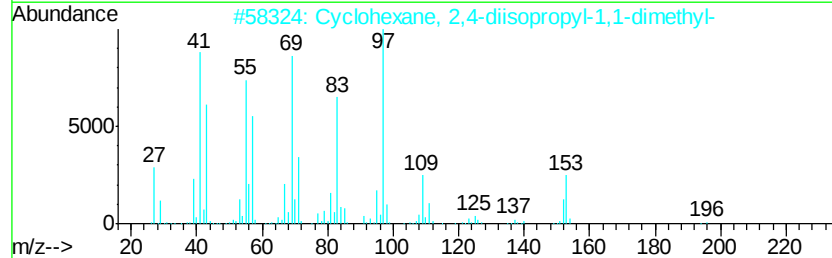
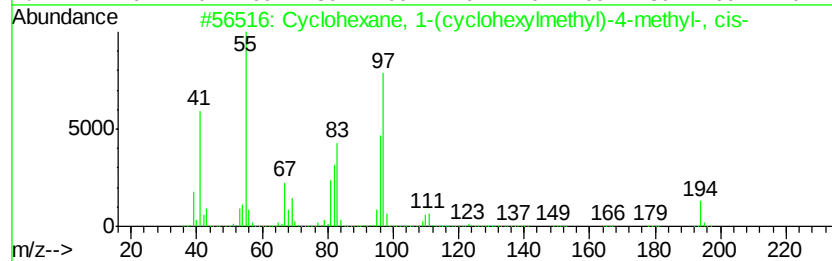
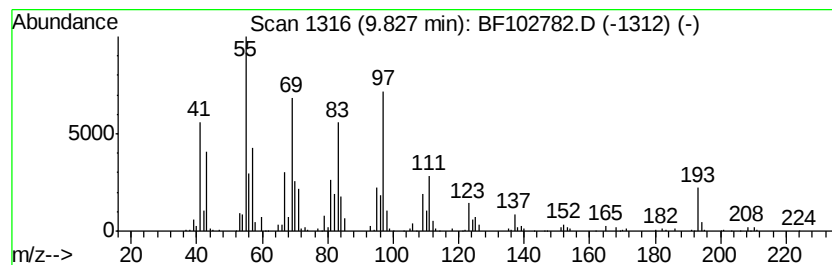
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.83 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	11.75 ng	863365	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-97-1	46
2		Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	43
3		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	38
4		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	38
5		3-Cyclohexylpropionic Acid, 2,2,...	238	C11H17F3O2	1000376-54-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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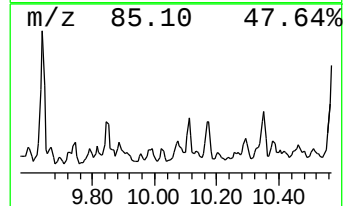
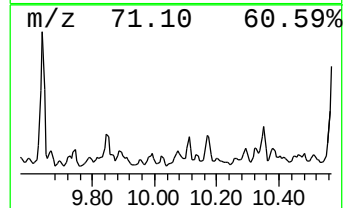
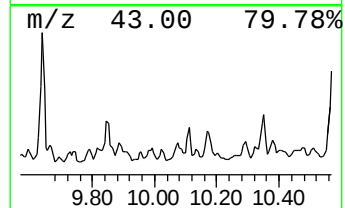
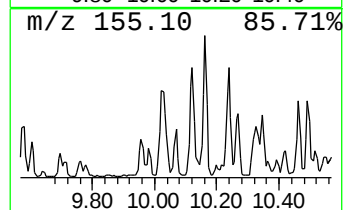
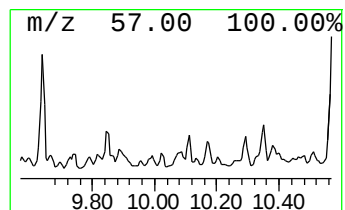
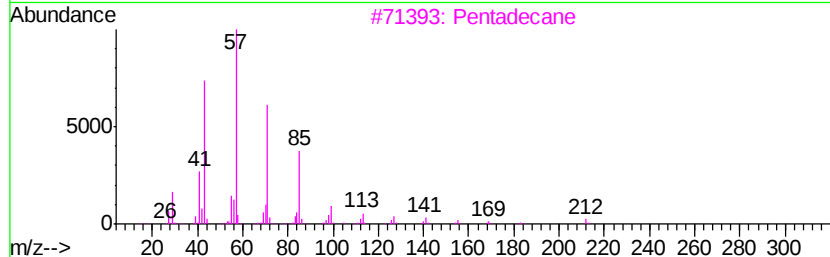
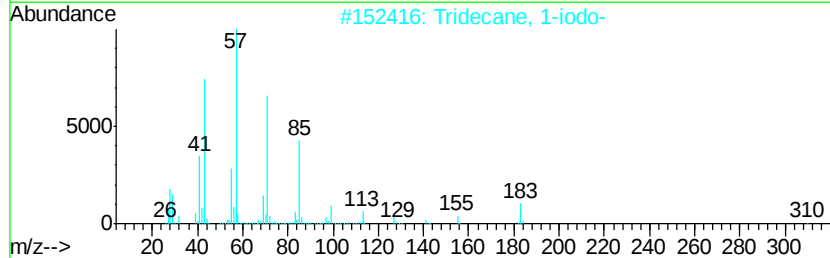
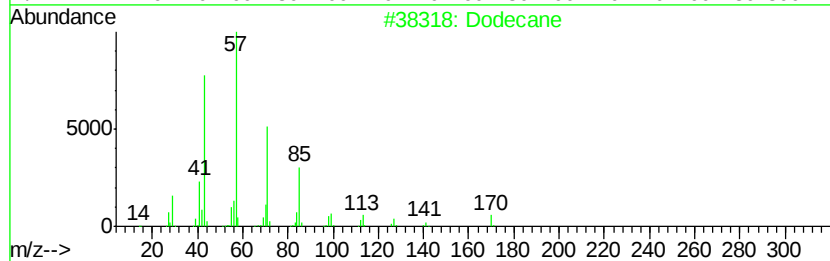
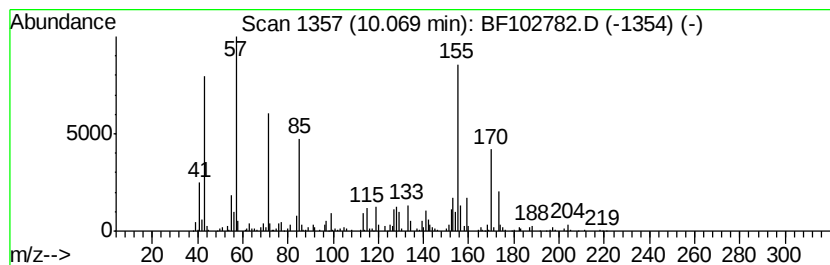
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	11.95 ng	878499	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170	C12H26	000112-40-3 50
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0 38
3	Pentadecane	212	C15H32	000629-62-9 38
4	Decane, 1-iodo-	268	C10H21I	002050-77-3 38
5	Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5 35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

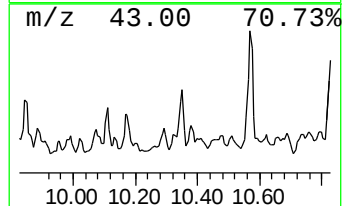
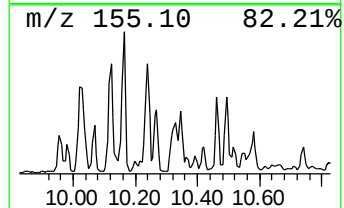
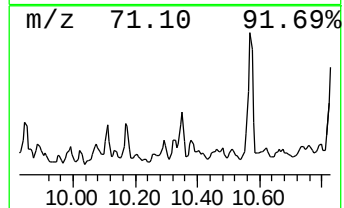
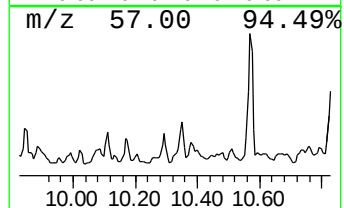
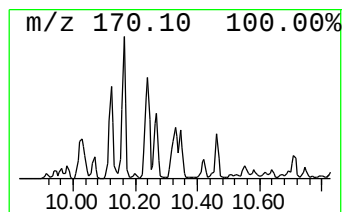
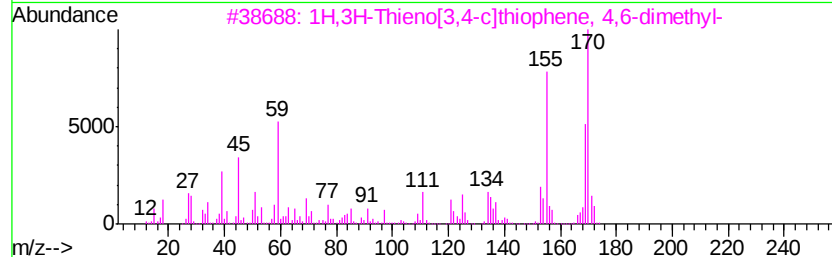
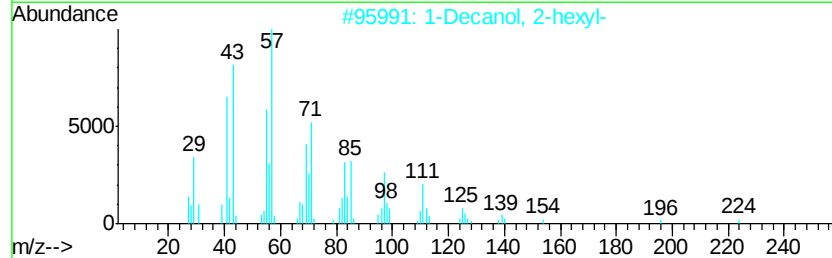
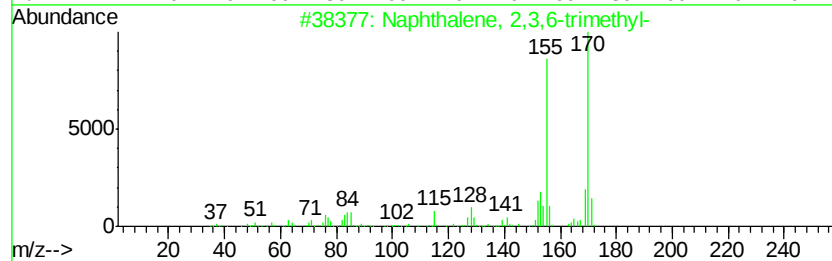
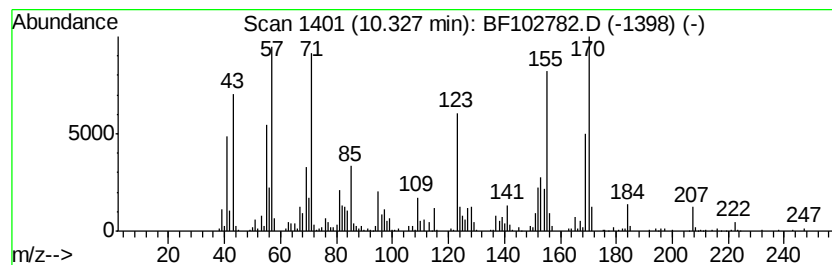
Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.33 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	12.33 ng	906452	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 38
2		1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6 35
3		1H,3H-Thieno[3,4-c]thiophene, 4,...	170 C8H10S2	015441-54-0 35
4		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 25
5		Tetradecane, 1-fluoro-	216 C14H29F	000593-33-9 25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(4-8)

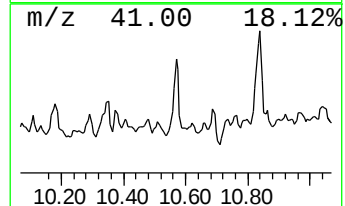
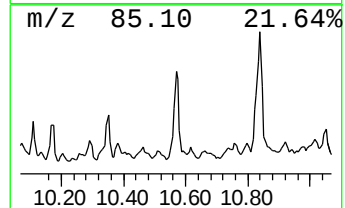
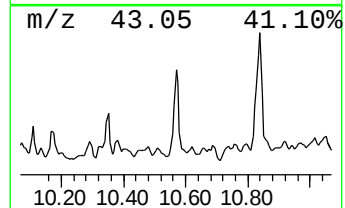
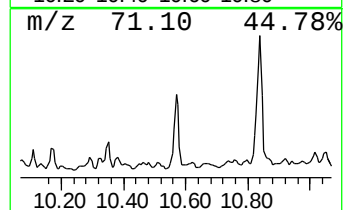
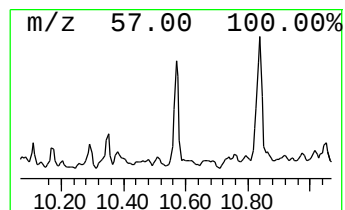
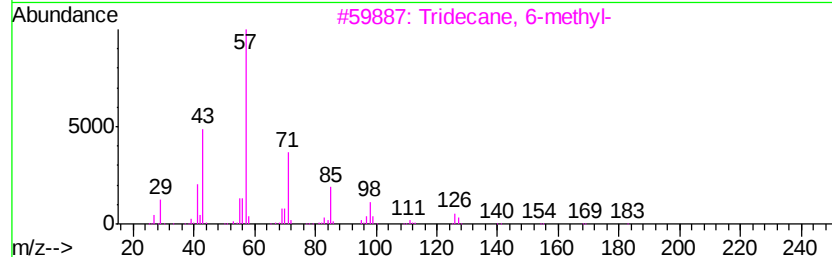
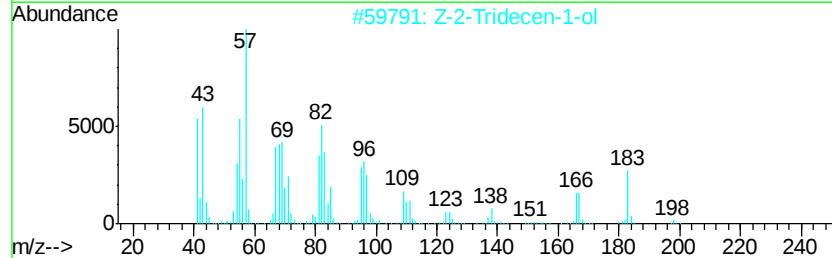
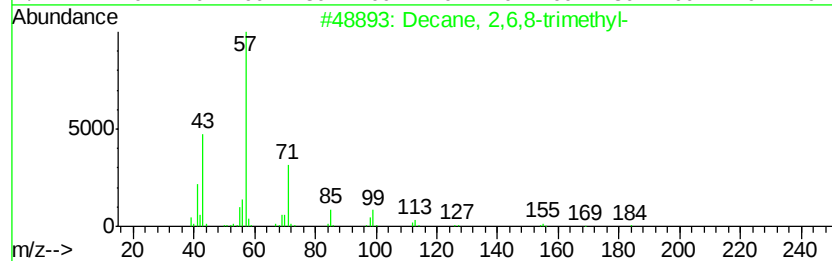
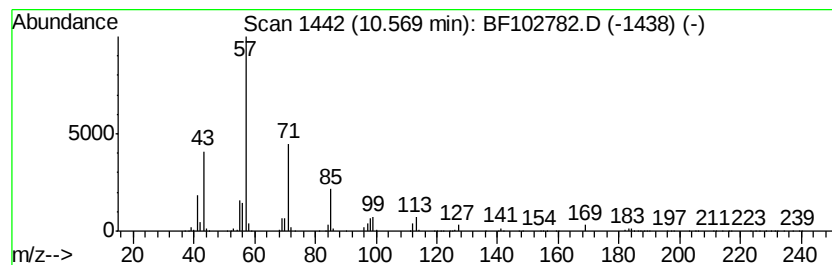
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 2,6,8-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	34.23 ng	2516020	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74
2		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102782.D
Acq On : 6 Feb 2018 14:24
Operator : SJ/JU
Sample : J1454-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-WW(4-8)

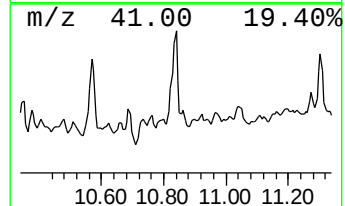
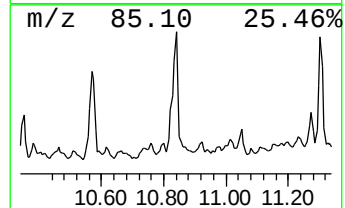
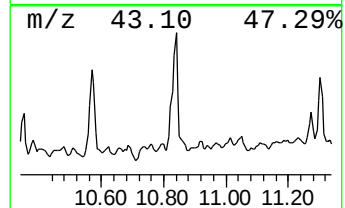
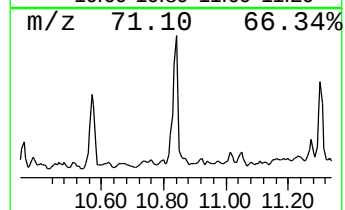
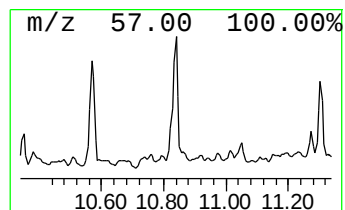
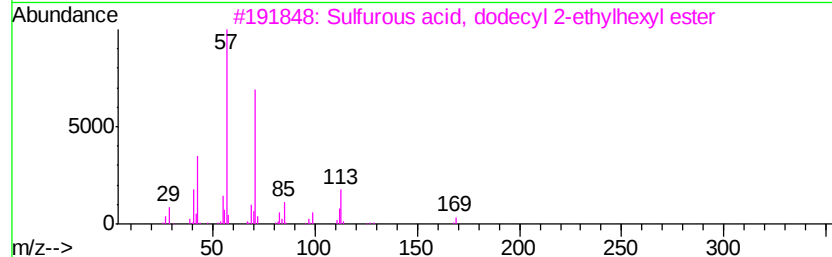
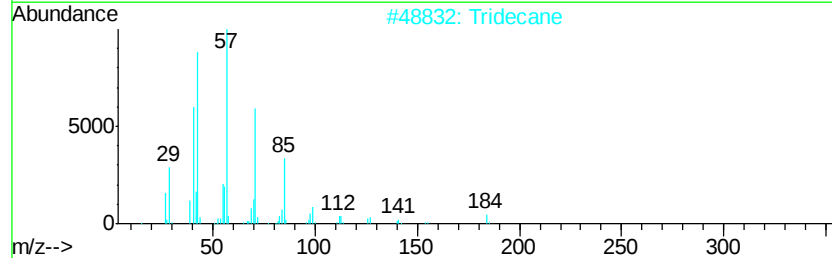
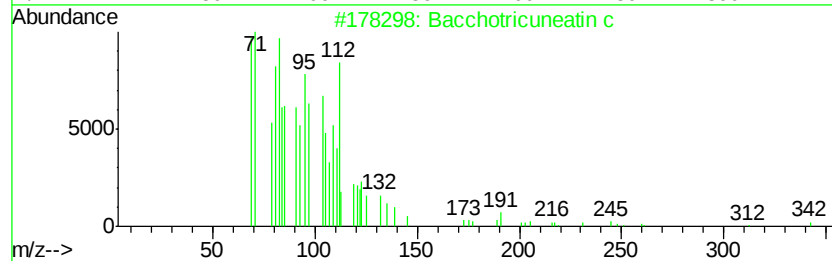
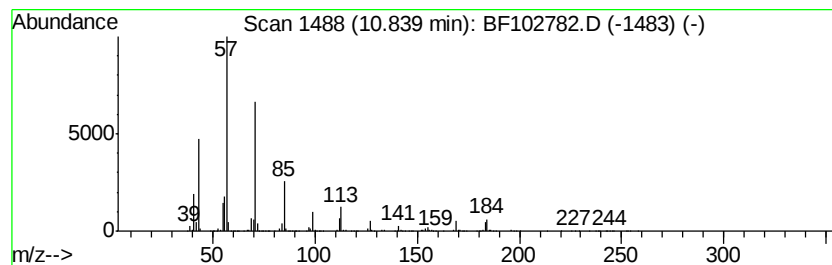
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Bacchotricuneatin c Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	56.74 ng	3658520	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Tridecane	184	C13H28	000629-50-5	58
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	53
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
 Data File : BF102782.D
 Acq On : 6 Feb 2018 14:24
 Operator : SJ/JU
 Sample : J1454-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-10-WW(4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Nonane, 3-methyl-	6.14	16.2	ng	10300500	1	6.89	12688900	20.0
Cyclohexane, 1,1,...	6.43	14.9	ng	9457260	1	6.89	12688900	20.0
Methylphosphonoth...	6.66	25.9	ng	16451300	1	6.89	12688900	20.0
Cyclohexane, (2-m...	7.04	14.5	ng	9213650	1	6.89	12688900	20.0
unknown7.53	7.53	27.2	ng	4569780	2	8.17	3355550	20.0
Octane, 3,4,5,6-t...	7.59	24.9	ng	4180780	2	8.17	3355550	20.0
Undecane, 3,8-dim...	7.66	10.8	ng	1818570	2	8.17	3355550	20.0
Cyclohexane, pentyl-	7.79	10.9	ng	1825900	2	8.17	3355550	20.0
Benzene, 1,2,3,4-...	7.91	18.0	ng	3017170	2	8.17	3355550	20.0
Octane, 2,6-dimet...	8.58	11.5	ng	1925690	2	8.17	3355550	20.0
Heptylcyclohexane	9.07	12.3	ng	902621	3	9.92	1469980	20.0
Dodecane, 2,7,10-...	9.18	26.8	ng	1972810	3	9.92	1469980	20.0
Tetracontane, 3,5...	9.32	24.9	ng	1826990	3	9.92	1469980	20.0
Naphthalene, 1,7-...	9.57	13.0	ng	957965	3	9.92	1469980	20.0
unknown9.83	9.83	11.8	ng	863365	3	9.92	1469980	20.0
Dodecane	10.07	11.9	ng	878499	3	9.92	1469980	20.0
unknown10.33	10.33	12.3	ng	906452	3	9.92	1469980	20.0
Decane, 2,6,8-tri...	10.57	34.2	ng	2516020	3	9.92	1469980	20.0
Bacchotricuneatin c	10.84	56.7	ng	3658520	4	11.42	1289620	20.0