

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109062.D
 Acq On : 17 Sep 2018 21:36
 Operator : JU/SJ
 Sample : J4936-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 138-KV-2

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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	2.766	66	73	82	rVB3	63165	139485	6.09%	0.407%
2	3.707	225	233	240	rVB2	38156	74984	3.27%	0.219%
3	4.343	335	341	348	rVB2	48592	73867	3.22%	0.215%
4	4.913	434	438	445	rVB2	124586	172156	7.51%	0.502%
5	5.301	500	504	505	rBV	124579	123844	5.40%	0.361%
6	5.331	505	509	512	rVB	2345572	2141090	93.44%	6.241%
7	5.560	545	548	551	rBV	140447	122071	5.33%	0.356%
8	5.637	557	561	565	rBV2	66083	67013	2.92%	0.195%
9	5.884	600	603	607	rVB2	67045	68146	2.97%	0.199%
10	5.978	617	619	626	rVB2	64994	78835	3.44%	0.230%
11	6.178	647	653	656	rBV3	41505	70563	3.08%	0.206%
12	6.248	660	665	673	rVB3	54303	113504	4.95%	0.331%
13	6.354	679	683	686	rVV	2341860	2279203	99.47%	6.644%
14	6.489	701	706	709	rBV	2681579	2291418	100.00%	6.680%
15	6.548	713	716	718	rVV	135256	113396	4.95%	0.331%
16	6.572	718	720	726	rVB	105366	83901	3.66%	0.245%
17	6.719	742	745	749	rBV	1075972	878459	38.34%	2.561%
18	6.784	753	756	761	rBV2	87500	84342	3.68%	0.246%
19	6.878	768	772	775	rBV	2190502	1744285	76.12%	5.085%
20	7.125	810	814	816	rBV	69562	68176	2.98%	0.199%
21	7.278	832	840	843	rBV	1656894	1518065	66.25%	4.425%
22	7.337	847	850	853	rVV	125350	107688	4.70%	0.314%
23	8.001	959	963	965	rBV	1477676	1216397	53.08%	3.546%
24	8.025	965	967	970	rVV	313584	240509	10.50%	0.701%
25	8.442	1035	1038	1040	rBV	145097	106222	4.64%	0.310%
26	8.607	1063	1066	1071	rVB	166826	141827	6.19%	0.413%
27	8.713	1079	1084	1088	rVB2	490415	409589	17.87%	1.194%
28	8.813	1098	1101	1104	rBV	364517	268489	11.72%	0.783%
29	9.042	1136	1140	1142	rVB	75888	69998	3.05%	0.204%
30	9.078	1142	1146	1149	rBV	2764790	2249718	98.18%	6.558%
31	9.172	1158	1162	1166	rVB2	234228	200782	8.76%	0.585%
32	9.336	1184	1190	1196	rBV	119833	167503	7.31%	0.488%
33	9.413	1200	1203	1205	rBV	247442	202890	8.85%	0.591%
34	9.436	1205	1207	1210	rVB	170522	150332	6.56%	0.438%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.472	1210	1213	1215	rBV	421605	325935	14.22%	0.950%
36	9.495	1215	1217	1219	rVB	111457	78909	3.44%	0.230%
37	9.530	1221	1223	1225	rBV	113380	85480	3.73%	0.249%
38	9.613	1232	1237	1242	rVB2	75009	73099	3.19%	0.213%
39	9.701	1249	1252	1255	rBV	192992	153771	6.71%	0.448%
40	9.754	1255	1261	1264	rBV	1359934	1246054	54.38%	3.632%
41	9.783	1264	1266	1270	rVB3	62936	74222	3.24%	0.216%
42	9.954	1292	1295	1298	rVV	173773	158043	6.90%	0.461%
43	9.995	1298	1302	1304	rVV	76021	70858	3.09%	0.207%
44	10.072	1310	1315	1317	rBV2	71698	75793	3.31%	0.221%
45	10.160	1326	1330	1334	rBV2	95578	138020	6.02%	0.402%
46	10.195	1334	1336	1339	rVB	176730	140242	6.12%	0.409%
47	10.289	1350	1352	1355	rBV2	135954	117268	5.12%	0.342%
48	10.419	1370	1374	1376	rVV2	84156	92499	4.04%	0.270%
49	10.454	1377	1380	1385	rVB	110242	114091	4.98%	0.333%
50	10.536	1390	1394	1398	rVV	1446292	1409599	61.52%	4.109%
51	10.666	1412	1416	1418	rBV2	251726	272465	11.89%	0.794%
52	10.683	1418	1419	1422	rVB	274243	174470	7.61%	0.509%
53	10.842	1440	1446	1448	rBV3	35647	63281	2.76%	0.184%
54	10.972	1463	1468	1471	rBV4	77489	128630	5.61%	0.375%
55	11.030	1476	1478	1483	rVV3	46741	64670	2.82%	0.189%
56	11.083	1483	1487	1490	rVV2	61799	86258	3.76%	0.251%
57	11.113	1490	1492	1496	rVV2	175084	172653	7.53%	0.503%
58	11.230	1508	1512	1514	rBV	1252581	1104713	48.21%	3.220%
59	11.248	1514	1515	1518	rVV	432672	334589	14.60%	0.975%
60	11.301	1521	1524	1527	rVB	98952	81763	3.57%	0.238%
61	11.407	1537	1542	1546	rBV6	46305	69988	3.05%	0.204%
62	11.542	1562	1565	1567	rBV	129372	108011	4.71%	0.315%
63	11.730	1594	1597	1599	rBV	87738	75495	3.29%	0.220%
64	11.754	1599	1601	1603	rVV	169959	189953	8.29%	0.554%
65	11.801	1606	1609	1612	rVV2	82448	85859	3.75%	0.250%
66	11.836	1612	1615	1617	rVV	167627	159864	6.98%	0.466%
67	11.860	1617	1619	1624	rVB	101326	90663	3.96%	0.264%
68	11.942	1630	1633	1639	rVB	133620	156463	6.83%	0.456%
69	12.024	1644	1647	1649	rBV	80566	72174	3.15%	0.210%
70	12.171	1667	1672	1675	rVV2	51700	72069	3.15%	0.210%
71	12.277	1687	1690	1693	rVV	102372	111567	4.87%	0.325%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	12.330	1697	1699	1702	rVV	164938	148744	6.49%	0.434%
73	12.436	1713	1717	1720	rBV	560086	501802	21.90%	1.463%
74	12.660	1750	1755	1758	rBV	491967	499482	21.80%	1.456%
75	12.701	1760	1762	1765	rVV2	86370	77076	3.36%	0.225%
76	12.807	1777	1780	1784	rVV	1657615	1555122	67.87%	4.533%
77	12.883	1788	1793	1795	rBV2	51103	72052	3.14%	0.210%
78	12.989	1808	1811	1814	rVB2	110621	104801	4.57%	0.305%
79	13.054	1819	1822	1825	rVV	148957	134485	5.87%	0.392%
80	13.089	1825	1828	1831	rVV	70343	64149	2.80%	0.187%
81	13.395	1876	1880	1886	rVB3	110934	143251	6.25%	0.418%
82	13.601	1911	1915	1918	rBV2	78699	96058	4.19%	0.280%
83	13.718	1932	1935	1942	rVB2	199621	272576	11.90%	0.795%
84	13.854	1950	1958	1960	rBV2	1129386	1326395	57.89%	3.866%
85	13.877	1960	1962	1965	rVB	332012	250333	10.92%	0.730%
86	14.042	1986	1990	1992	rBV2	105921	98995	4.32%	0.289%
87	14.236	2020	2023	2026	rVB	72001	70048	3.06%	0.204%
88	14.342	2038	2041	2043	rBV2	81171	79405	3.47%	0.231%
89	14.613	2084	2087	2089	rBV2	53464	62994	2.75%	0.184%
90	14.636	2089	2091	2097	rVB2	83658	104476	4.56%	0.305%
91	14.707	2101	2103	2107	rVB	96496	103149	4.50%	0.301%
92	14.860	2125	2129	2138	rVB	335426	590474	25.77%	1.721%
93	14.960	2143	2146	2150	rVB2	133393	147241	6.43%	0.429%
94	15.142	2173	2177	2182	rVB	204860	244855	10.69%	0.714%
95	15.201	2182	2187	2191	rBV	266285	326536	14.25%	0.952%
96	15.260	2192	2197	2200	rBV	668557	772461	33.71%	2.252%
97	15.718	2271	2275	2279	rBV	64988	90961	3.97%	0.265%
98	15.912	2305	2308	2314	rVB7	51596	83911	3.66%	0.245%
99	16.606	2421	2426	2432	rBV2	124304	234652	10.24%	0.684%
100	17.006	2490	2494	2502	rVB	93253	180127	7.86%	0.525%

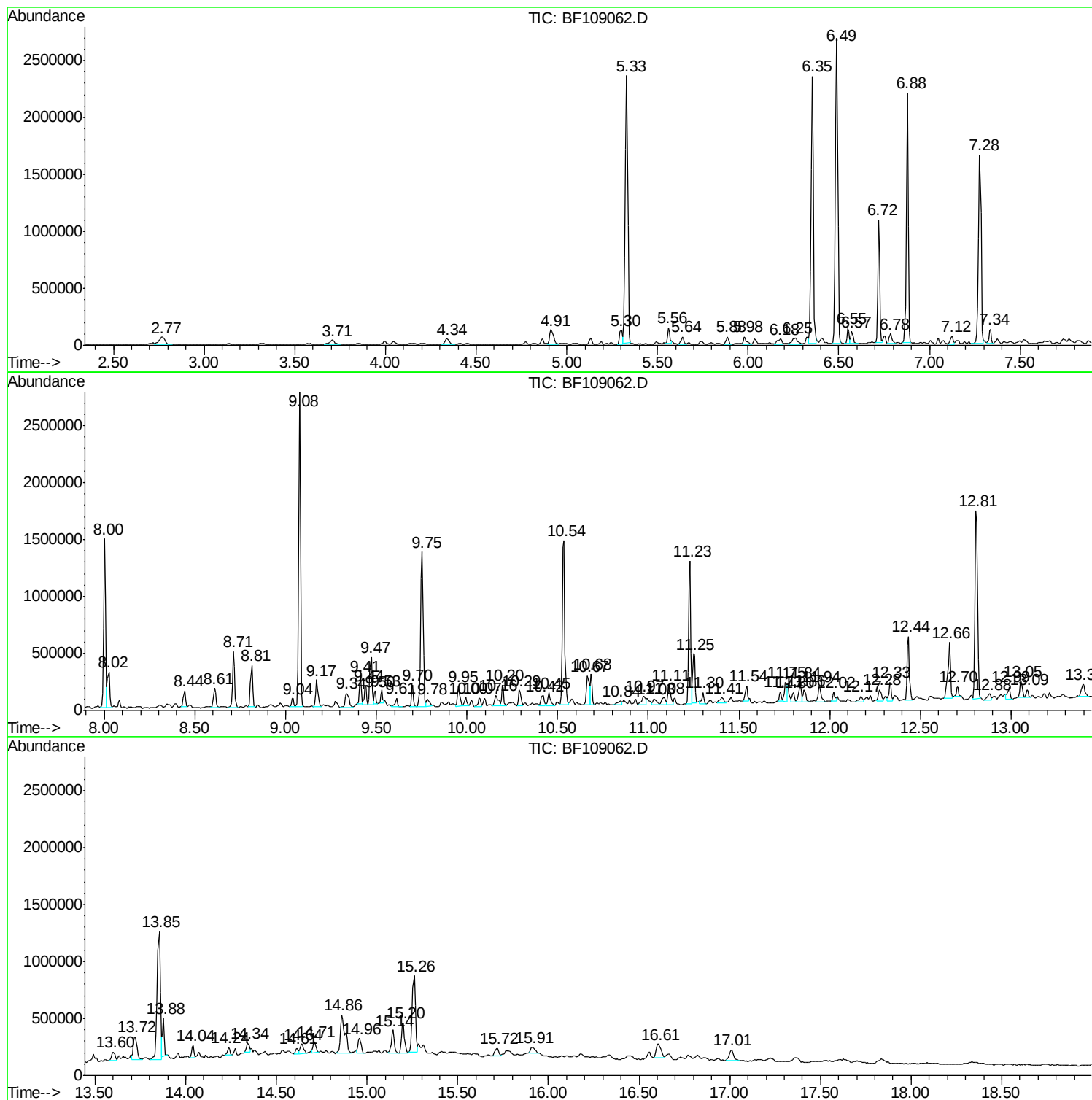
Sum of corrected areas: 34304839

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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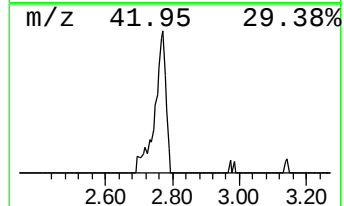
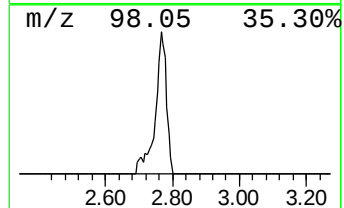
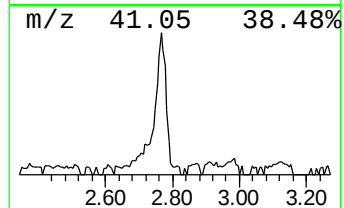
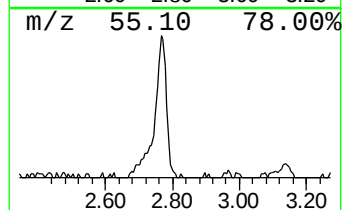
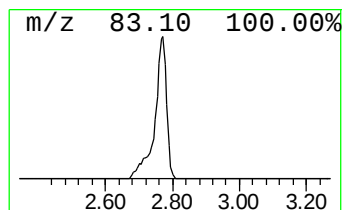
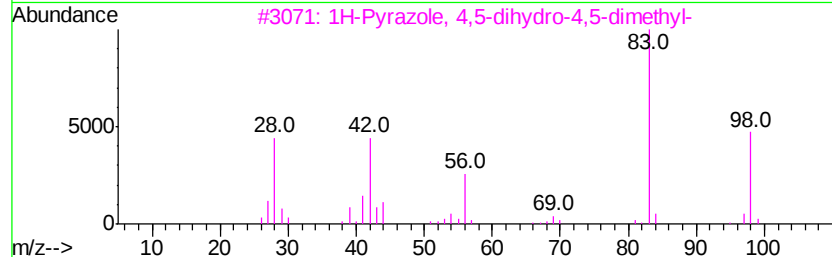
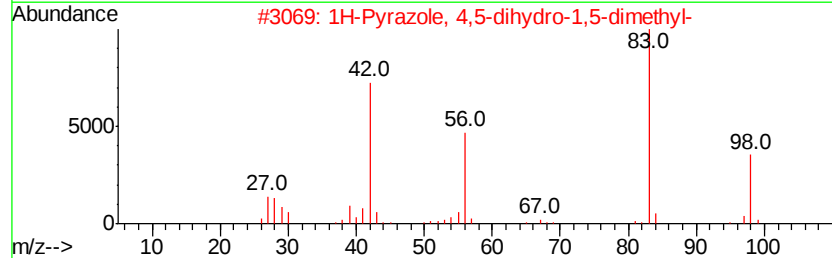
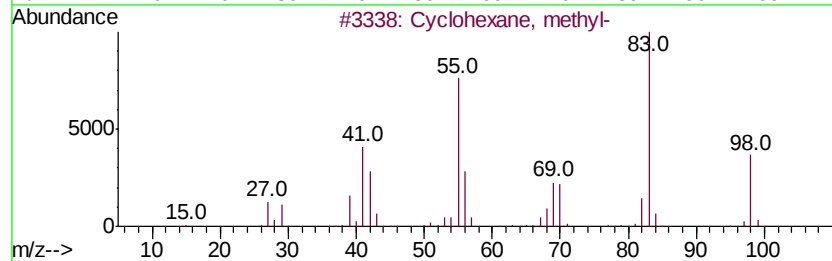
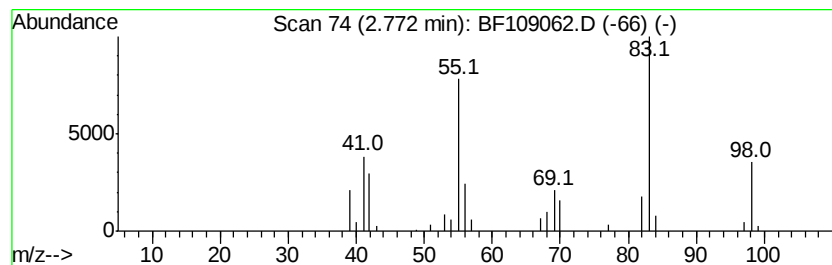
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	3.18 ng	139485	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2			1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	64
3			1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64
4			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64
5			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	58



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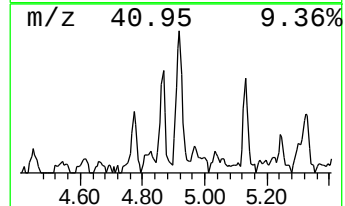
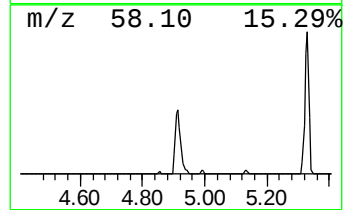
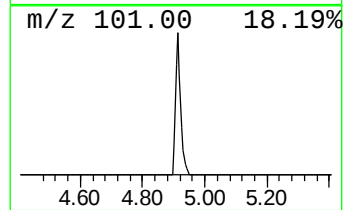
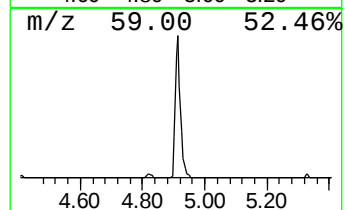
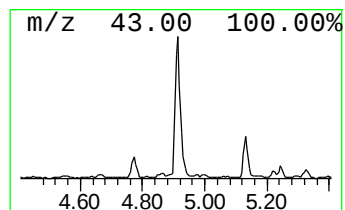
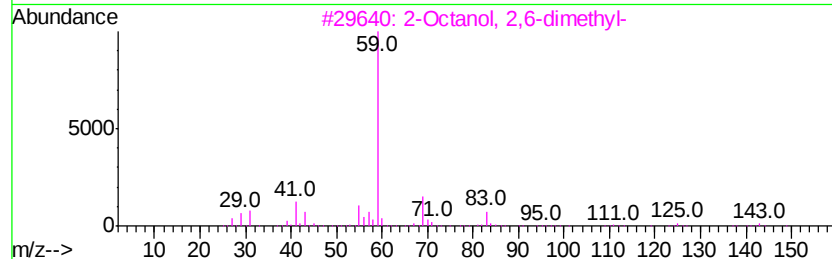
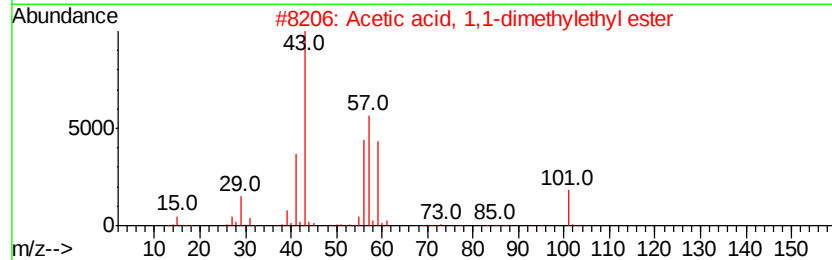
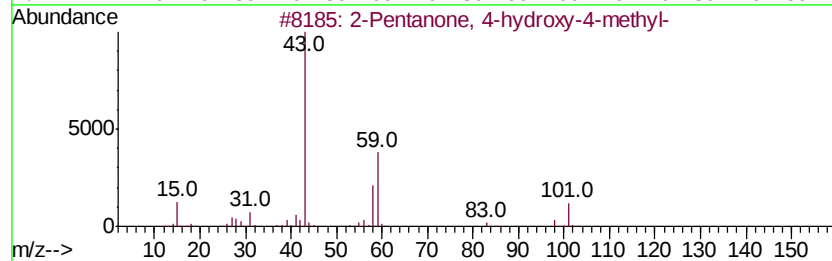
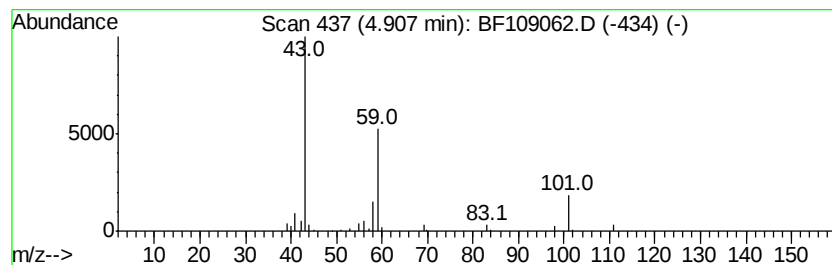
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown4.91 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.92 ng	172156	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	33
3			2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	25
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	12
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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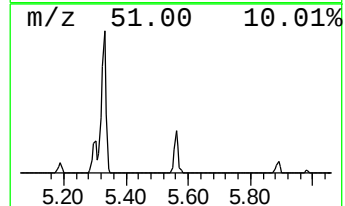
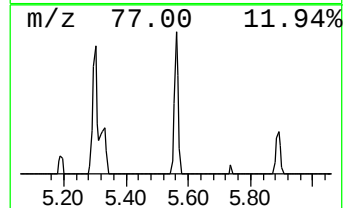
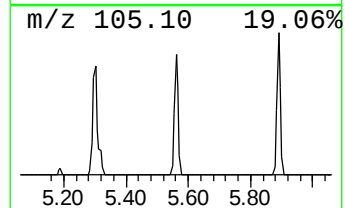
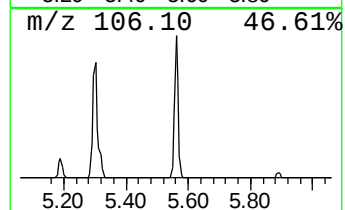
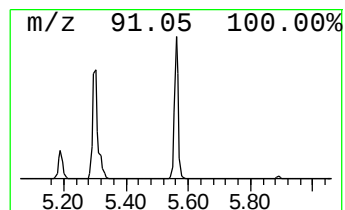
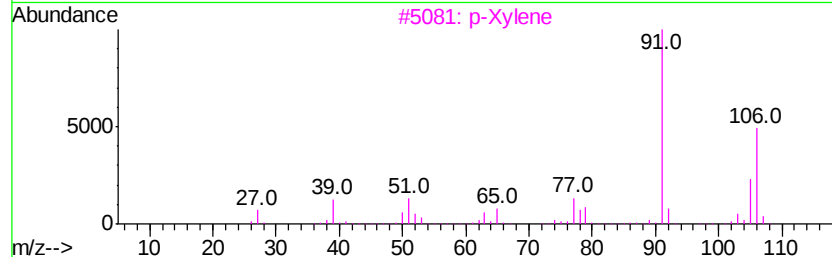
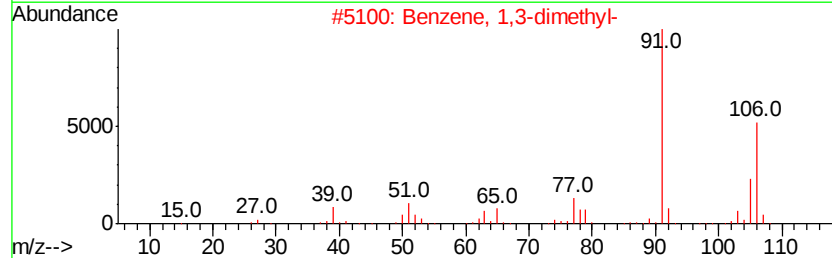
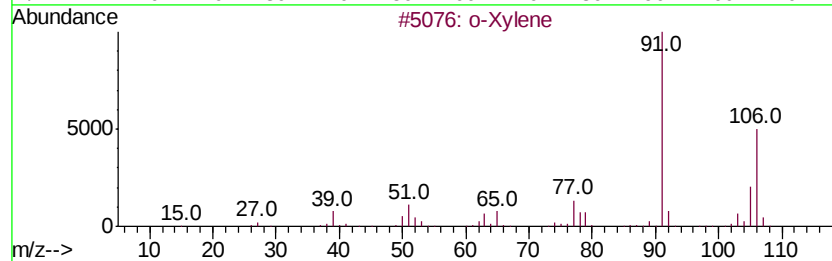
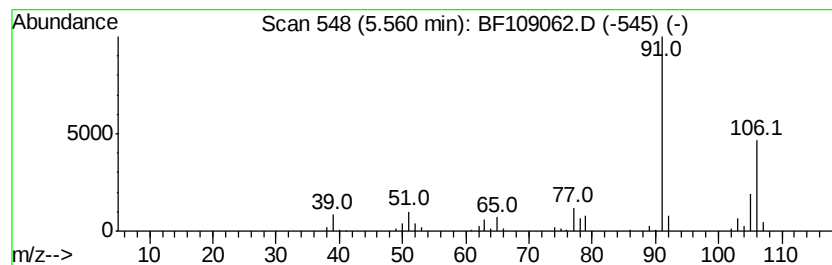
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 o-Xylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	2.78 ng	122071	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Xylene	106	C8H10	000095-47-6	97
2			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3			p-Xylene	106	C8H10	000106-42-3	97
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5			Ethylbenzene	106	C8H10	000100-41-4	87



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Data File : BF109062.D
Acq On : 17 Sep 2018 21:36
Operator : JU/SJ
Sample : J4936-19
Misc :
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ClientSampleId :
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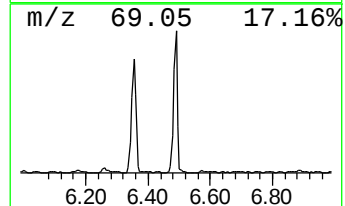
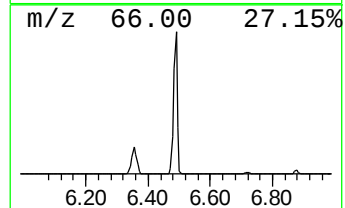
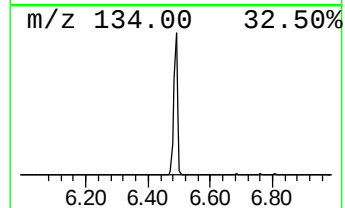
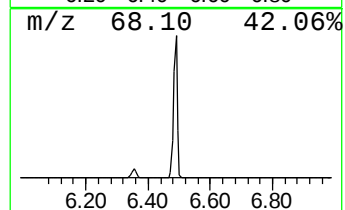
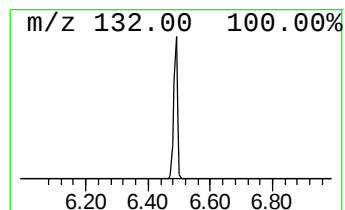
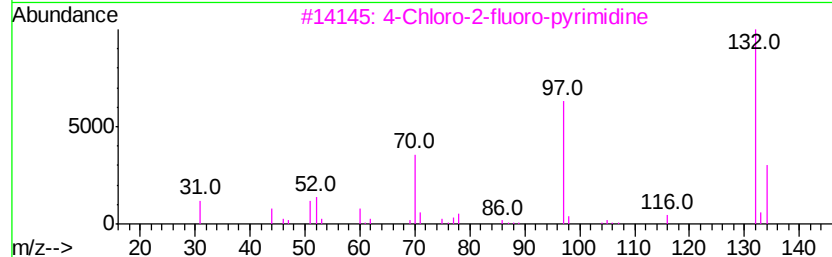
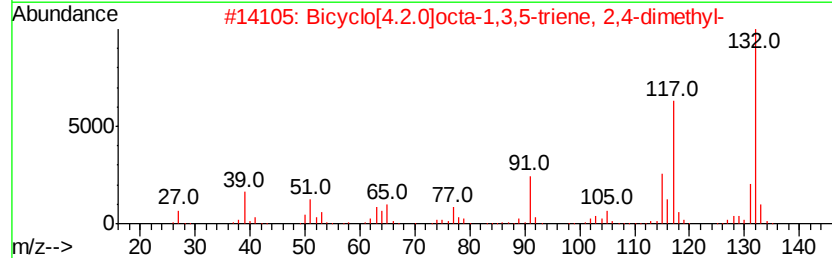
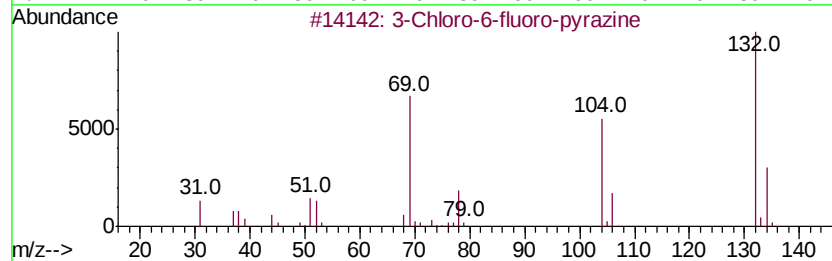
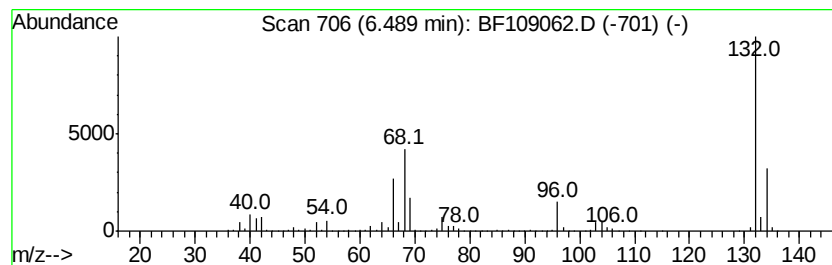
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	52.17 ng	2291420	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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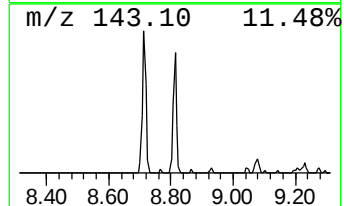
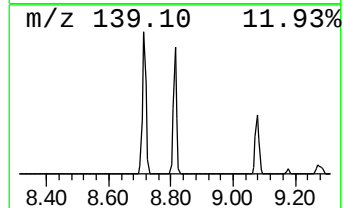
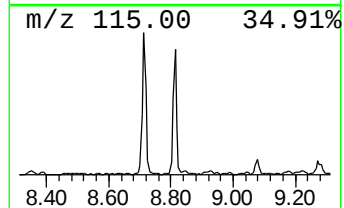
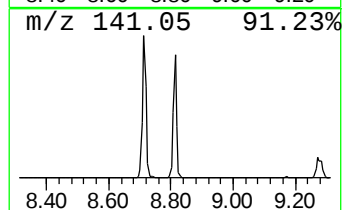
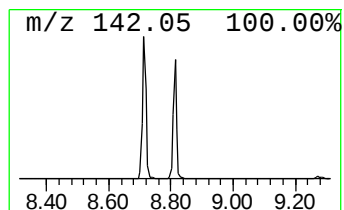
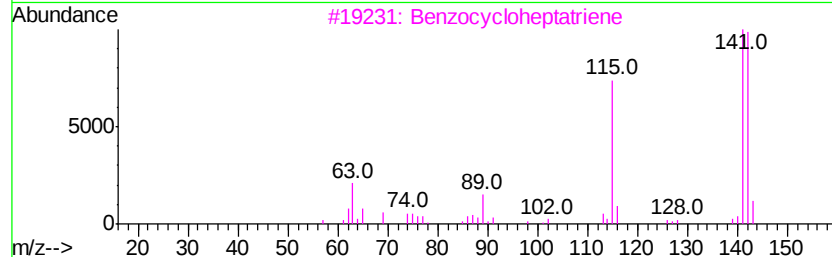
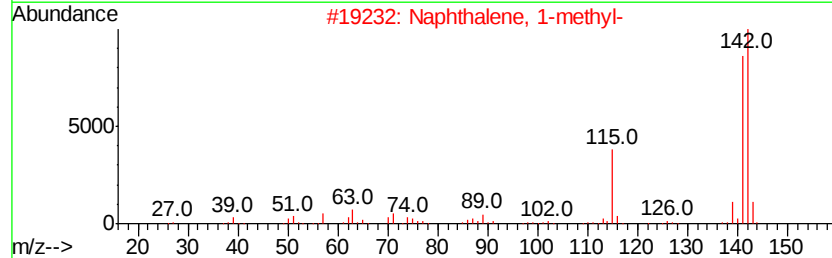
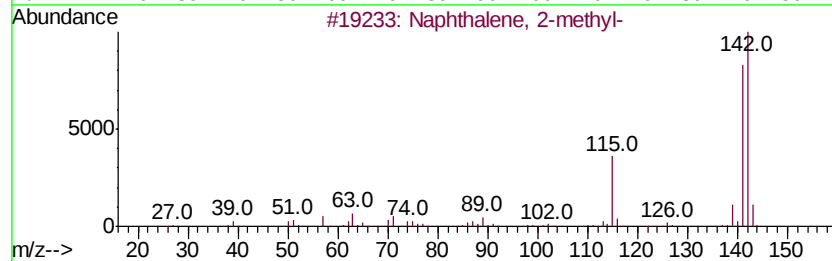
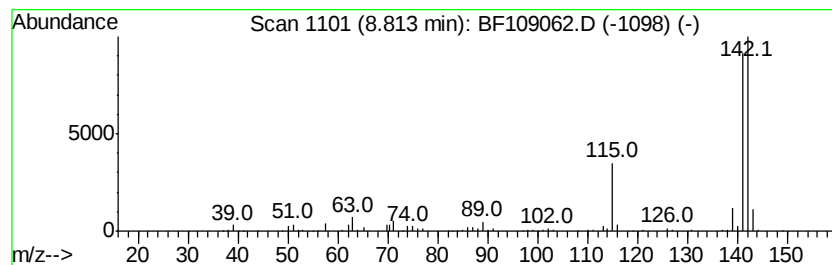
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.81	4.41 ng	268489	Naphthalene-d8	8.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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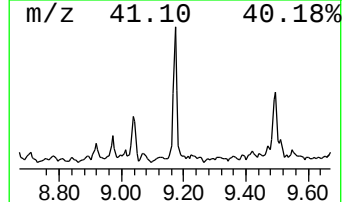
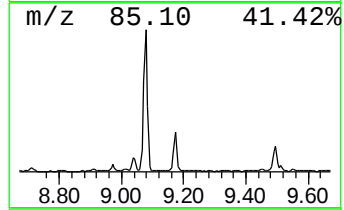
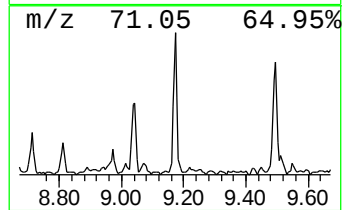
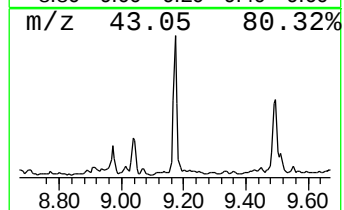
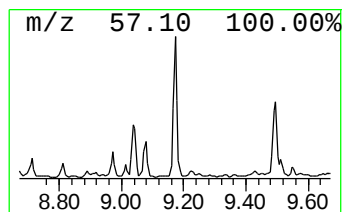
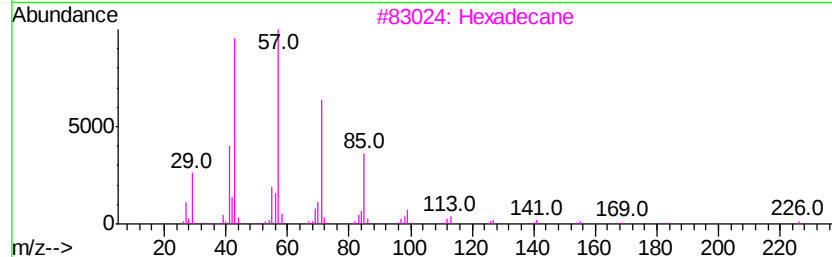
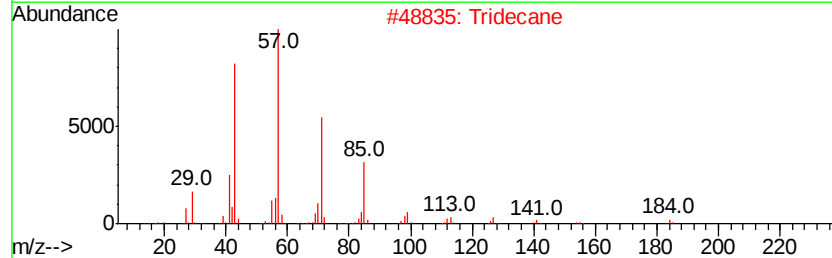
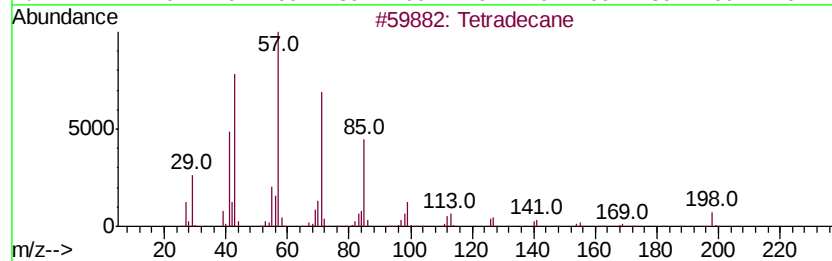
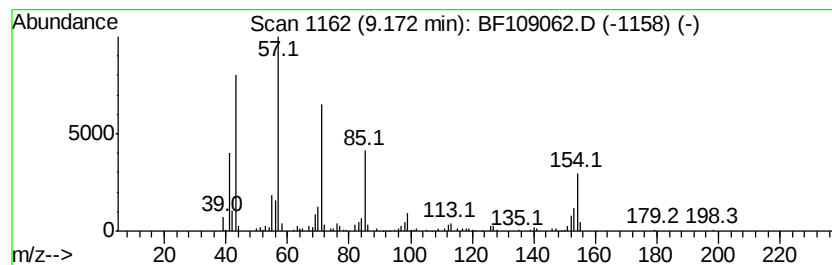
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.22 ng	200782	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Tridecane	184	C13H28	000629-50-5	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	52
5		Pentadecane	212	C15H32	000629-62-9	52



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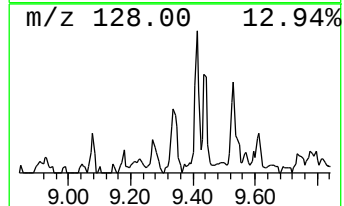
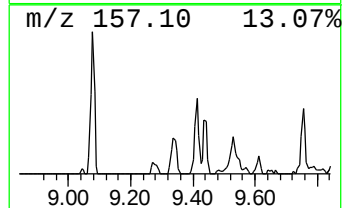
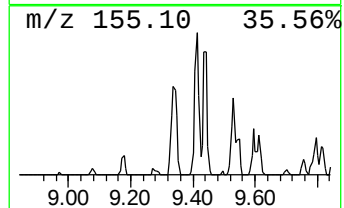
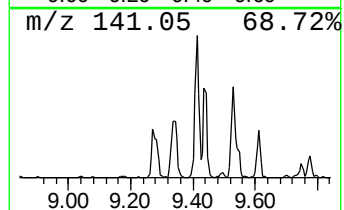
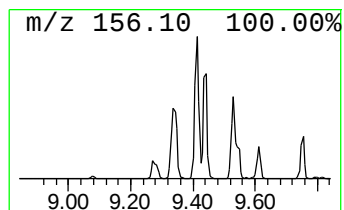
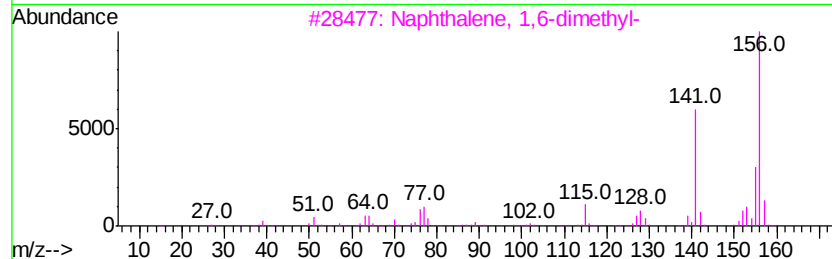
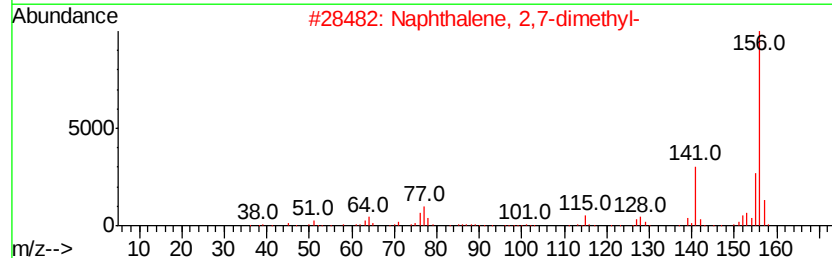
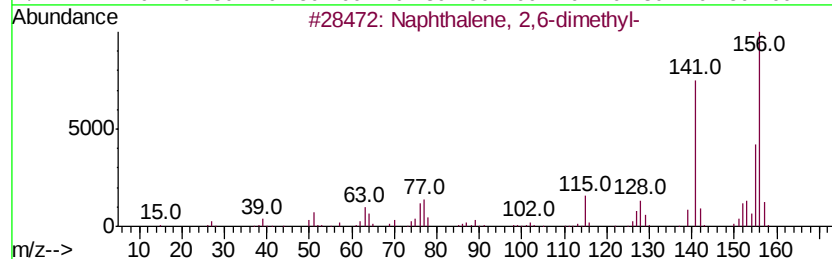
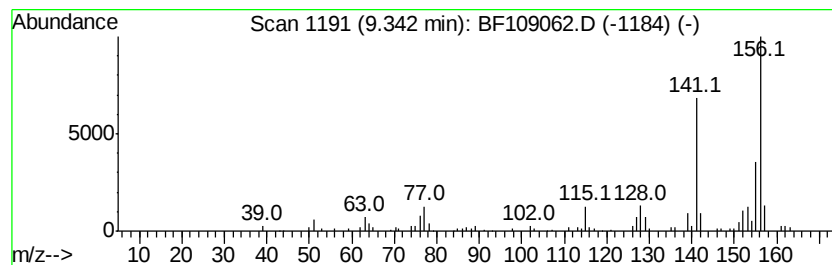
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.69 ng	167503	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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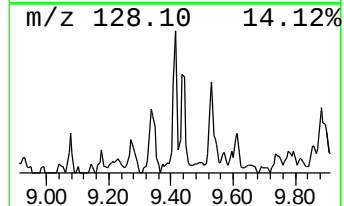
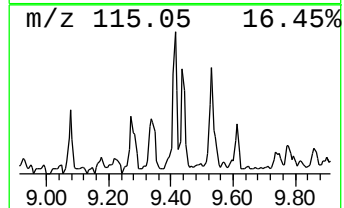
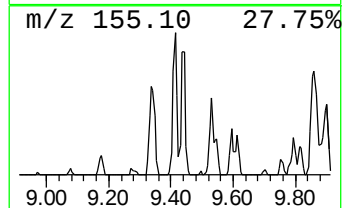
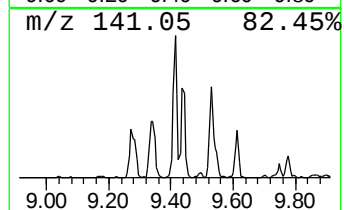
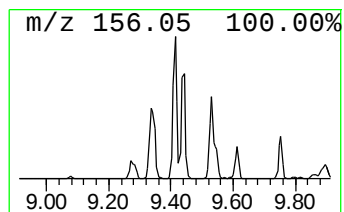
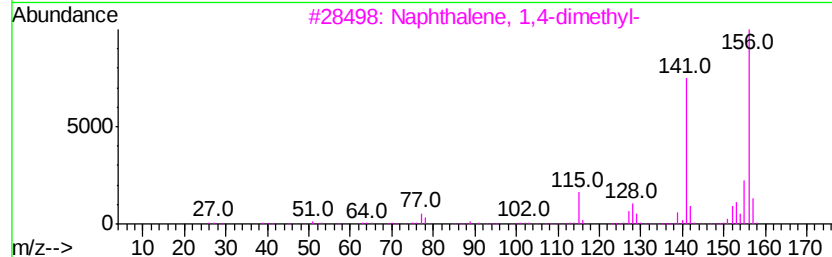
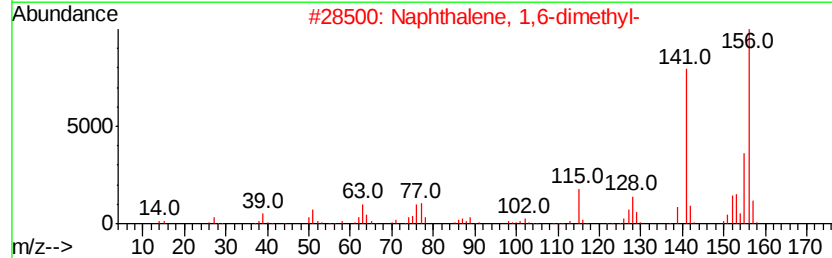
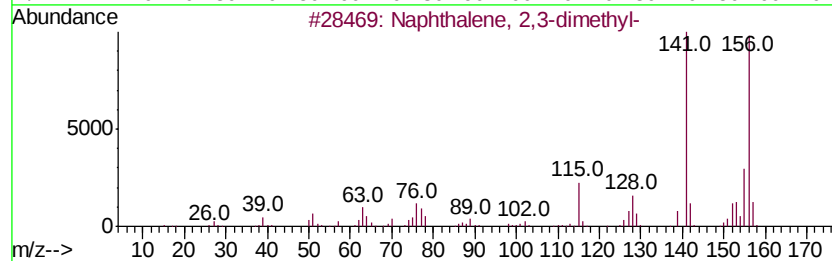
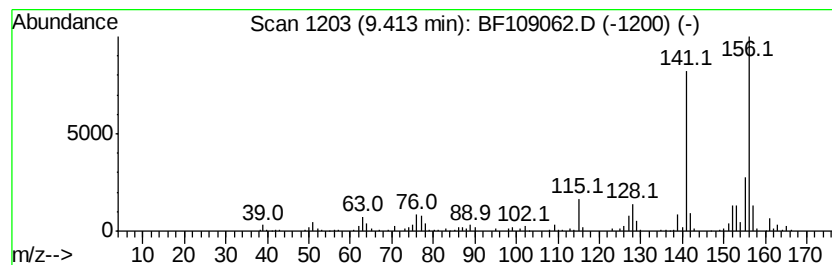
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.26 ng	202890	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



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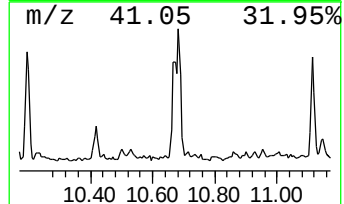
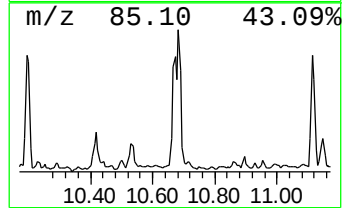
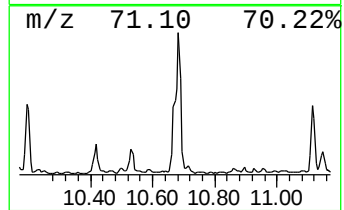
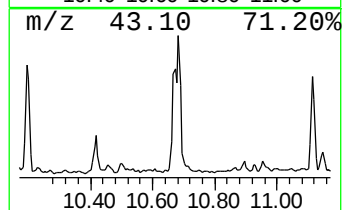
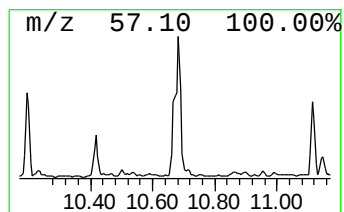
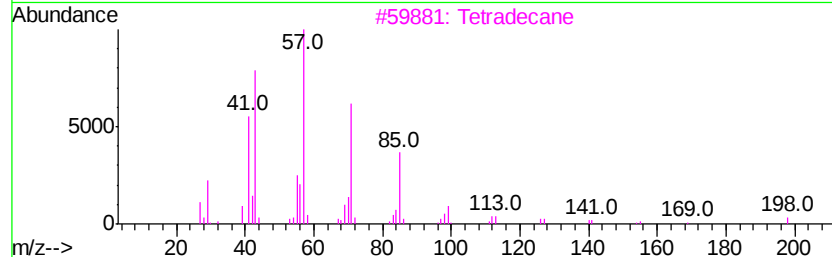
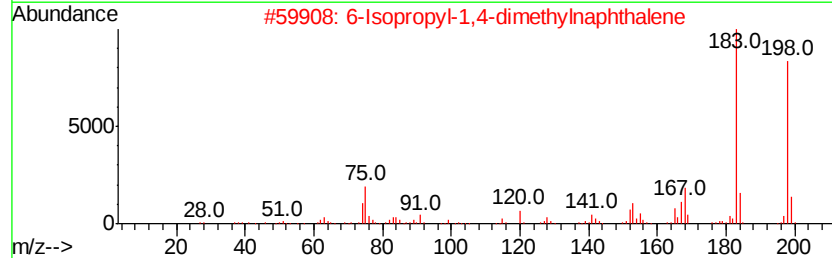
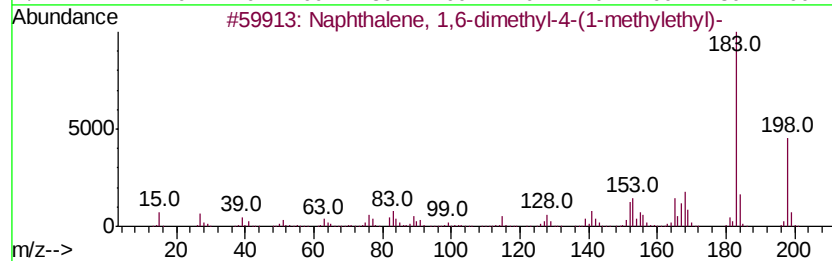
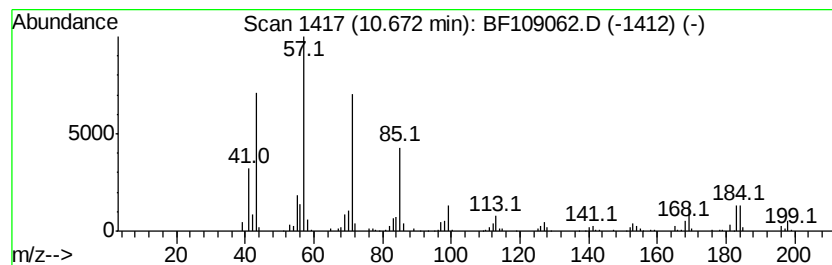
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,6-dimethyl-4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	4.93 ng	272465	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	50
2		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	41
3		Tetradecane	198	C14H30	000629-59-4	41
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
5		Dodecane	170	C12H26	000112-40-3	38



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TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	3.16 ng	174470	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3		Decane, 2-methyl-	156	C11H24	006975-98-0	80
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72

