LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

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-BF072517.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	2.610	133	140	150	rVB5	16226	37317	2.12%	0.128%
2	4.528	462	466	476	rBV	80738	149722	8.50%	0.513%
3	4.799	509	512	518	rBV	34767	49709	2.82%	0.170%
4	4.993	542	545	572	rVV	1305450	1761925	100.00%	6.041%
5	5.193	575	579	601	rBV	147317	366458	20.80%	1.256%
6	5.928	695	704	706	rBV	36628	50152	2.85%	0.172%
7	5.957	706	709	714	rVB	38690	46734	2.65%	0.160%
8	6.075	726	729	736	rBV	1598561	1728568	98.11%	5.927%
9	6.175	743	746	753	rVB	1655002	1724879	97.90%	5.914%
10	6.245	753	758	762	rVV	294386	407315	23.12%	1.397%
11	6.287	762	765	773	rVB	155940	230843	13.10%	0.791%
12	6.404	782	785	794	rVB	695279	626685	35.57%	2.149%
13	6.557	808	811	824	rVB	1134357	1148978	65.21%	3.939%
14	6.669	826	830	840	rBV	282846	379117	21.52%	1.300%
15	6.928	868	874	876	rBV3	50664	63981	3.63%	0.219%
16	6.951	876	878	879	rVV	68117	58630	3.33%	0.201%
17	6.975	879	882	890	rVV	1167586	1193756	67.75%	4.093%
18	7.040	890	893	898	rVV	109415	162485	9.22%	0.557%
19	7.087	898	901	906	rVB	82824	100314	5.69%	0.344%
20	7.216	920	923	927	rVB2	34391	35524	2.02%	0.122%
21	7.269	927	932	940	rBV	687199	768714	43.63%	2.636%
22	7.440	956	961	966	rBV2	190572	333341	18.92%	1.143%
23	7.492	966	970	973	rVV	157199	206520	11.72%	0.708%
24	7.516	973	974	980	rVB	73510	69957	3.97%	0.240%
25	7.687	1000	1003	1005	rBV	1031292	871391	49.46%	2.988%
26	7.710	1005	1007	1014	rVV	282286	276860	15.71%	0.949%
27	7.763	1014	1016	1023	rVB4	29938	50334	2.86%	0.173%
28	7.916	1037	1042	1046	rBV	465329	454084	25.77%	1.557%
29	7.969	1046	1051	1064	rVB	513837	539075	30.60%	1.848%
30	8.304	1105	1108	1113	rVB4	41676	49844	2.83%	0.171%
31	8.351	1113	1116	1120	rVB3	39681	50767	2.88%	0.174%
32	8.392	1120	1123	1133	rBV2	277537	367104	20.84%	1.259%
33	8.469	1133	1136	1138	rBV	93175	86480	4.91%	0.297%
34	8.498	1138	1141	1146	rVB2	246556	252060	14.31%	0.864%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.581	1151	1155	1157	rBV	95031	85797	4.87%	0.294%
36	8.604	1157	1159	1165	rVB2	45793	53145	3.02%	0.182%
37	8.687	1171	1173	1178	rVB	117236	112395	6.38%	0.385%
38	8.763	1182	1186	1190	rBV	1630878	1497602	85.00%	5.135%
39	8.863	1201	1203	1206	rVB	65928	52565	2.98%	0.180%
40	8.910	1206	1211	1214	rBV3	46243	85505	4.85%	0.293%
41	8.969	1218	1221	1224	rVB2	43098	50550	2.87%	0.173%
42	9.022	1228	1230	1234	rVB2	95574	92130	5.23%	0.316%
43	9.057	1234	1236	1239	rBV3	42719	44557	2.53%	0.153%
44	9.098	1239	1243	1246	rVB2	122002	154575	8.77%	0.530%
45	9.169	1252	1255	1258	rBV	380047	300151	17.04%	1.029%
46	9.210	1258	1262	1271	rVB4	88235	199707	11.33%	0.685%
47	9.292	1271	1276	1279	rBV	112281	148663	8.44%	0.510%
48	9.428	1294	1299	1303	rBV	753551	814479	46.23%	2.793%
49	9.463	1303	1305	1307	rVB	138170	102350	5.81%	0.351%
50	9.639	1332	1335	1339	rVB	94510	83295	4.73%	0.286%
51	9.757	1350	1355	1358	rBV2	128178	156297	8.87%	0.536%
52	9.845	1365	1370	1371	rBV5	28970	42576	2.42%	0.146%
53	9.886	1374	1377	1380	rVB2	52837	43576	2.47%	0.149%
54	9.975	1389	1392	1399	rVB	171564	161937	9.19%	0.555%
55	10.039	1399	1403	1405	rBV2	40148	66339	3.77%	0.227%
56	10.133	1417	1419	1425	rVB2	34709	46070	2.61%	0.158%
57	10.216	1430	1433	1438	rBV	710229	683598	38.80%	2.344%
58	10.263	1438	1441	1446	rVB3	43546	50152	2.85%	0.172%
59	10.357	1454	1457	1460	rBV	79753	74773	4.24%	0.256%
60	10.528	1481	1486	1488	rBV3	37907	57035	3.24%	0.196%
61	10.804	1530	1533	1535	rBV	92407	83453	4.74%	0.286%
62	10.833	1535	1538	1541	rVB	392496	331864	18.84%	1.138%
63	10.904	1547	1550	1552	rBV	665774	574284	32.59%	1.969%
64	10.928	1552	1554	1558	rVB	545531	443379	25.16%	1.520%
65	10.980	1560	1563	1567	rVB	165715	149005	8.46%	0.511%
66	11.028	1568	1571	1575	rBV	404309	351287	19.94%	1.204%
67	11.145	1587	1591	1595	rBV2	282476	299726	17.01%	1.028%
68	11.198	1595	1600	1603	rVV	105750	126317	7.17%	0.433%
69	11.227	1603	1605	1608	rBV3	44033	50592	2.87%	0.173%
70	11.263	1608	1611	1614	rBV	153304	157979	8.97%	0.542%
71	11.316	1616	1620	1623	rBV	313312	314043	17.82%	1.077%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.422	1630	1638	1644	rBV3	289489	872656	49.53%	2.992%
73	11.469	1644	1646	1647	rBV2	97622	72427	4.11%	0.248%
74	11.516	1652	1654	1656	rVV	117363	109298	6.20%	0.375%
75	11.939	1723	1726	1727	rBV3	45781	44880	2.55%	0.154%
76	11.975	1731	1732	1737	rVV	118586	130017	7.38%	0.446%
77	12.051	1741	1745	1748	rVB2	96333	105510	5.99%	0.362%
78	12.110	1752	1755	1760	rBV	524007	529446	30.05%	1.815%
79	12.157	1760	1763	1766	rVB3	48864	46756	2.65%	0.160%
80	12.198	1767	1770	1773	rBV	160980	148378	8.42%	0.509%
81	12.333	1788	1793	1800	rVB	578034	688615	39.08%	2.361%
82	12.463	1812	1815	1816	rBV	101768	95029	5.39%	0.326%
83	12.486	1816	1819	1826	rVV	960763	901168	51.15%	3.090%
84	12.551	1828	1830	1837	rVB2	85525	107705	6.11%	0.369%
85	12.733	1859	1861	1864	rVB2	74361	66246	3.76%	0.227%
86	12.769	1865	1867	1876	rVB2	63819	93582	5.31%	0.321%
87	12.863	1881	1883	1886	rVB2	54522	43706	2.48%	0.150%
88	13.357	1965	1967	1970	rBV3	42355	48677	2.76%	0.167%
89	13.527	1992	1996	1999	rBV2	585808	715956	40.63%	2.455%
90	13.557	1999	2001	2004	rVB	217624	197513	11.21%	0.677%
91	14.404	2142	2145	2149	rBV5	61794	108856	6.18%	0.373%
92	14.527	2163	2166	2172	rBV	153815	221022	12.54%	0.758%
93	14.768	2204	2207	2211	rBV	117595	135874	7.71%	0.466%
94	14.821	2214	2216	2220	rVB	100651	104679	5.94%	0.359%
95	14.868	2221	2224	2228	rBV	331009	385016	21.85%	1.320%
96	15.739	2369	2372	2379	rVB4	64239	99586	5.65%	0.341%
97	17.921	2738	2743	2746	rBV5	24071	58014	3.29%	0.199%
98	18.668	2860	2870	2879	rVB5	27971	112110	6.36%	0.384%
99	18.992	2921	2925	2933	rBV10	12715	37078	2.10%	0.127%
100	19.174	2951	2956	2959	rBV6	18750	44970	2.55%	0.154%

Sum of corrected areas: 29166141

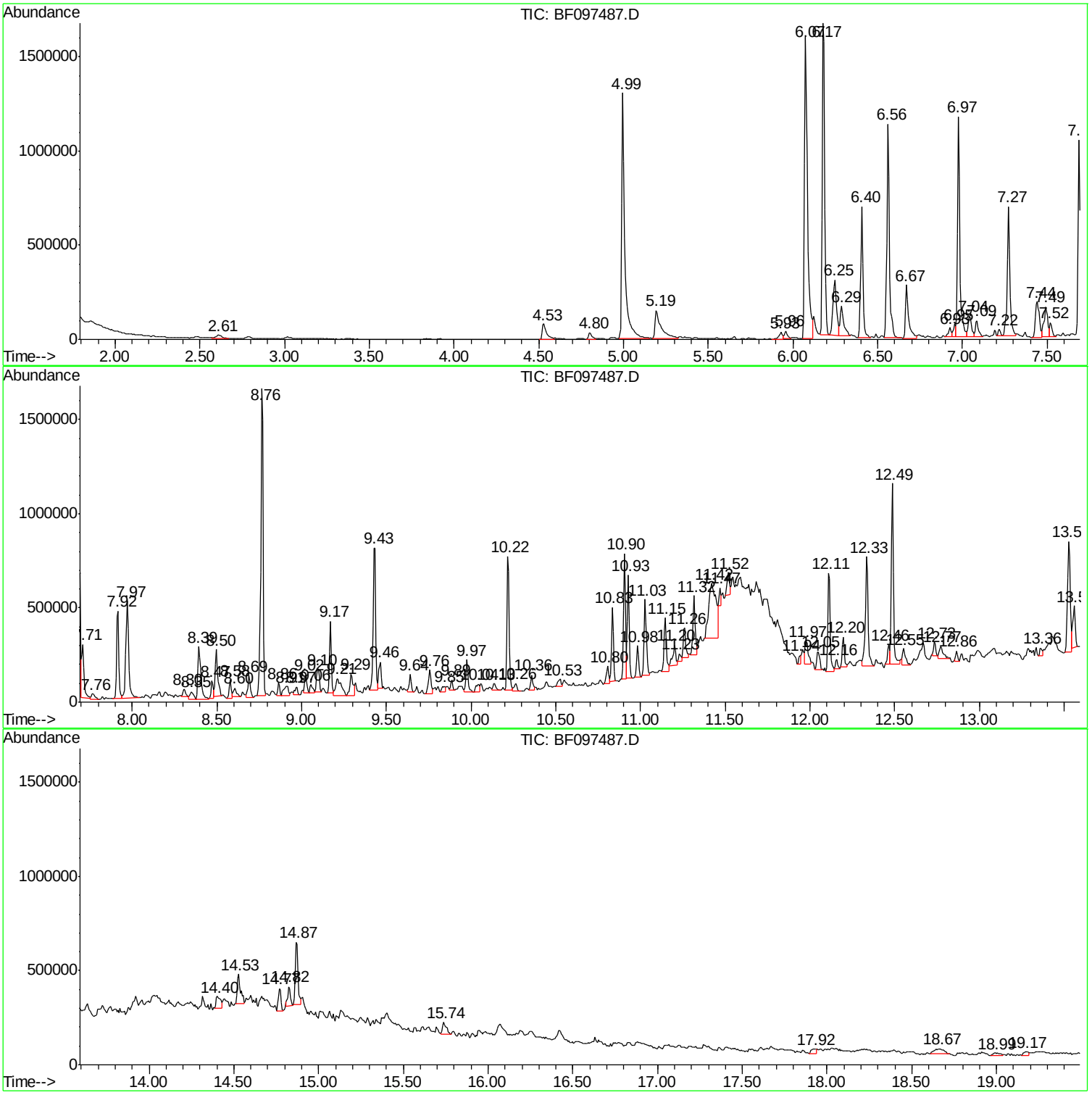
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

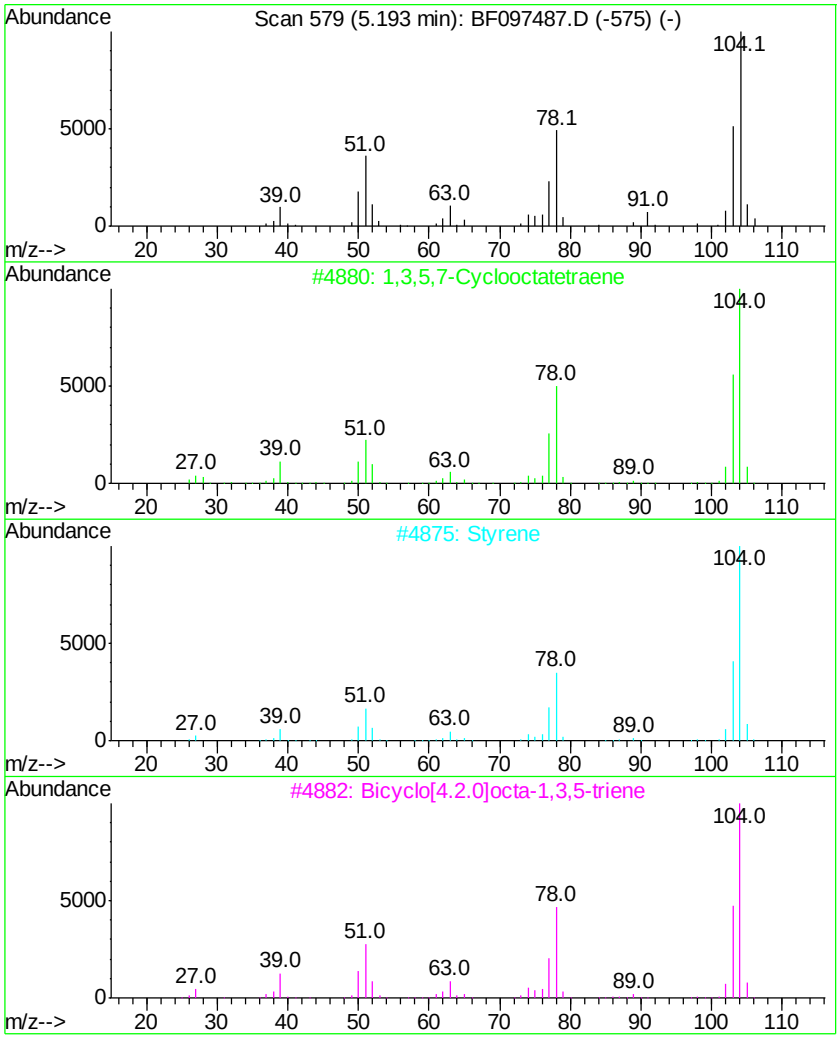
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

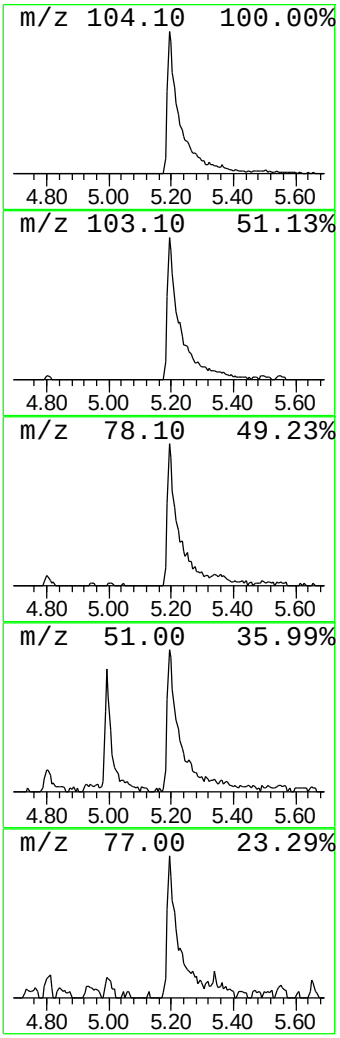
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	11.70 ng	366458	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Styrene	104	C8H8	000100-42-5	95
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

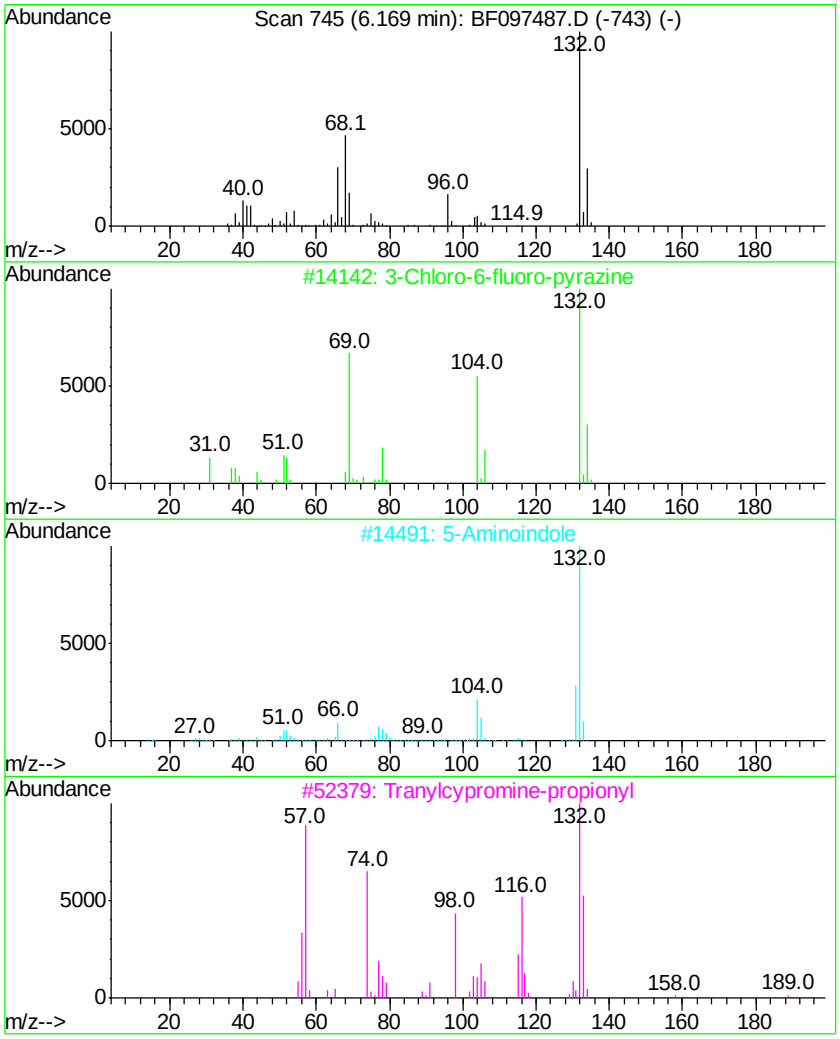
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

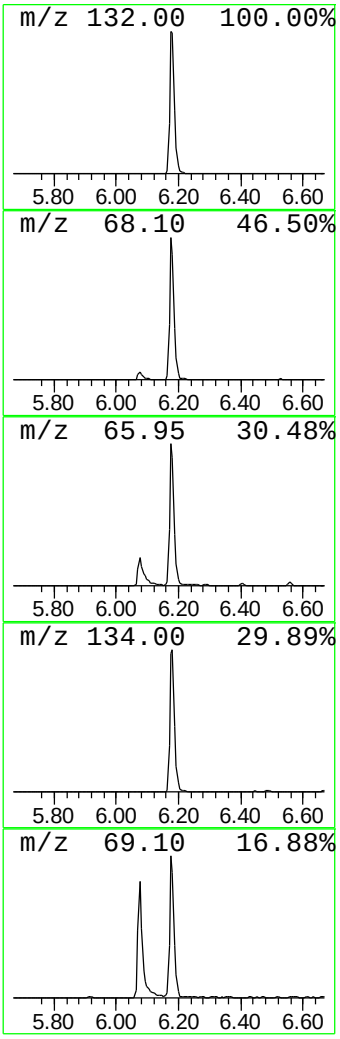
****

Peak Number 2 unknown6.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	55.05 ng	1724880	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

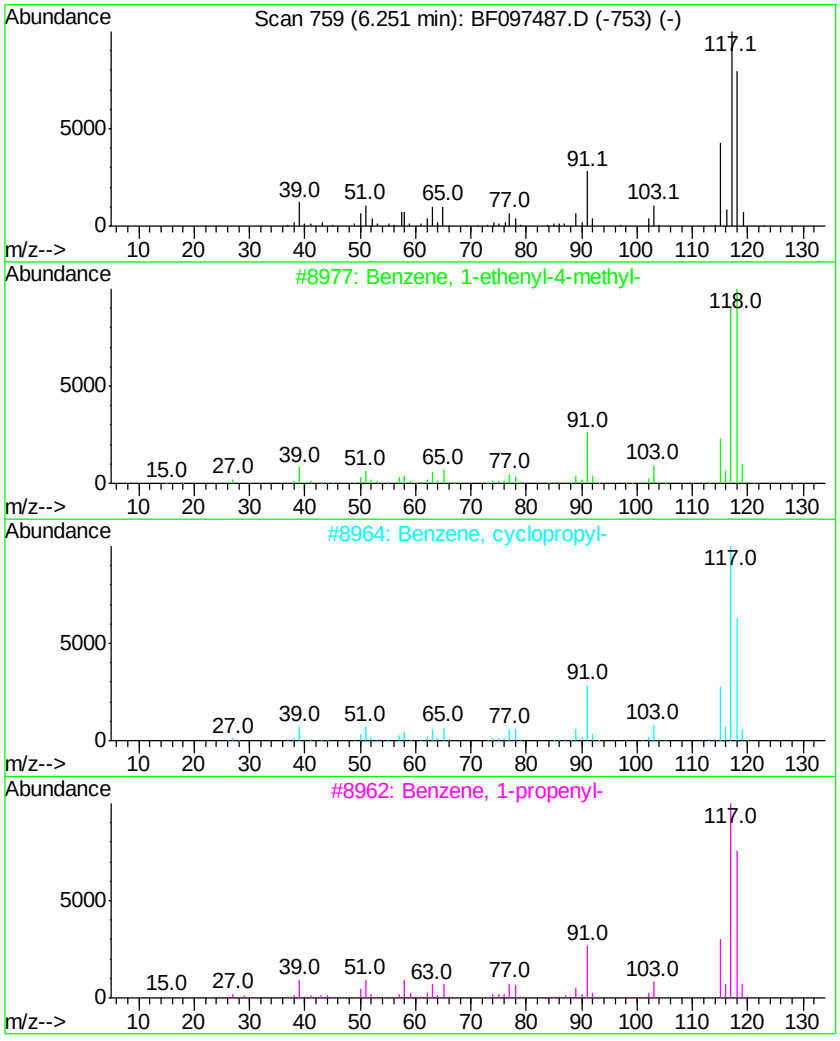
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

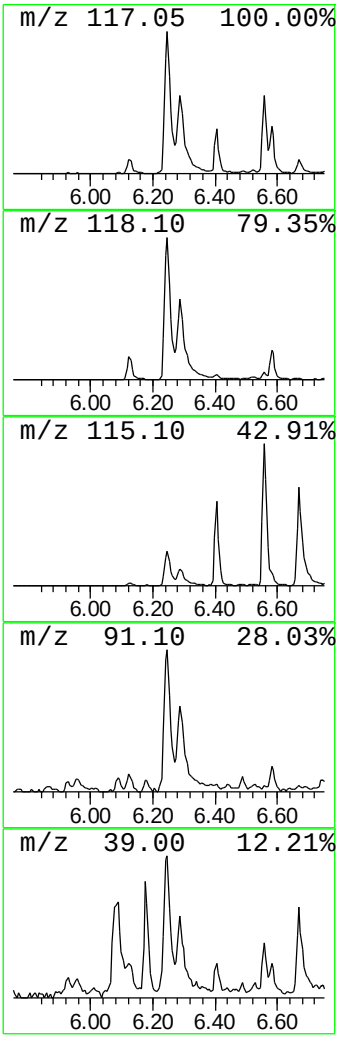
****

Peak Number 3 Benzene, 1-ethenyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	13.00 ng	407315	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

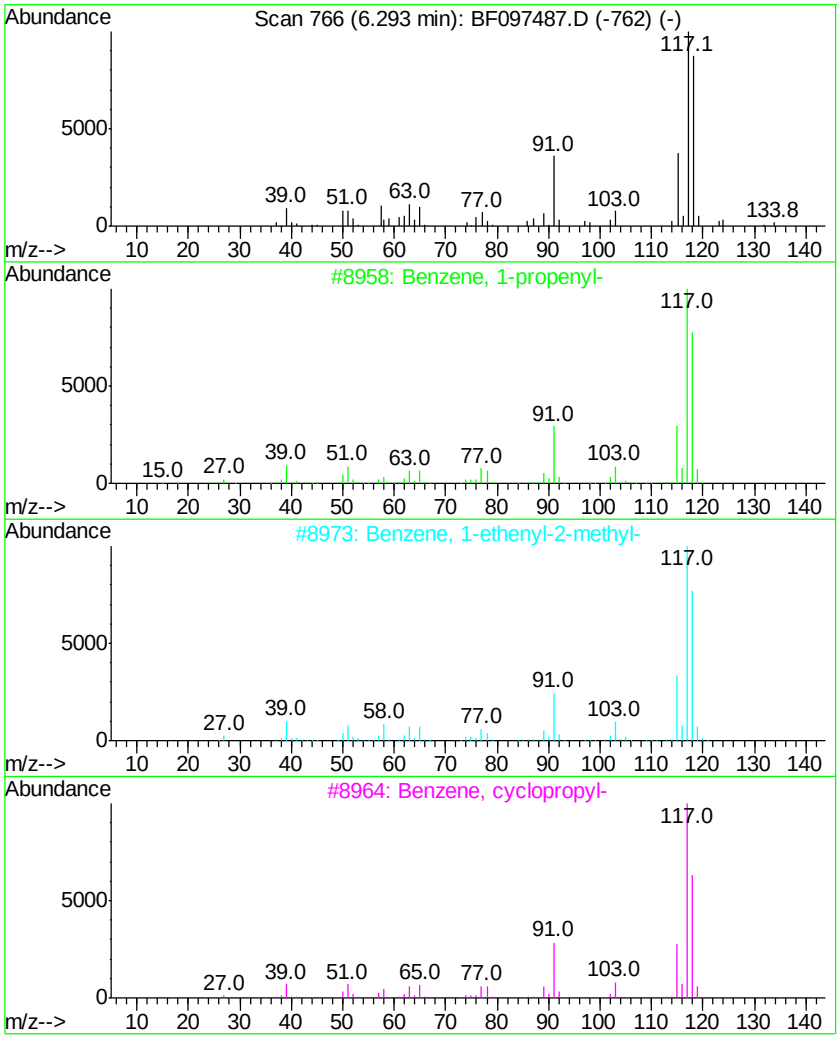
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

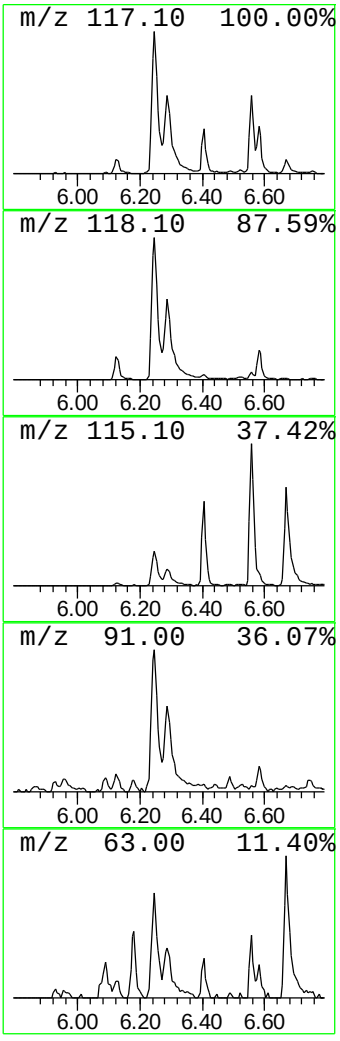
****

Peak Number 4 Benzene, 1-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	7.37 ng	230843	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

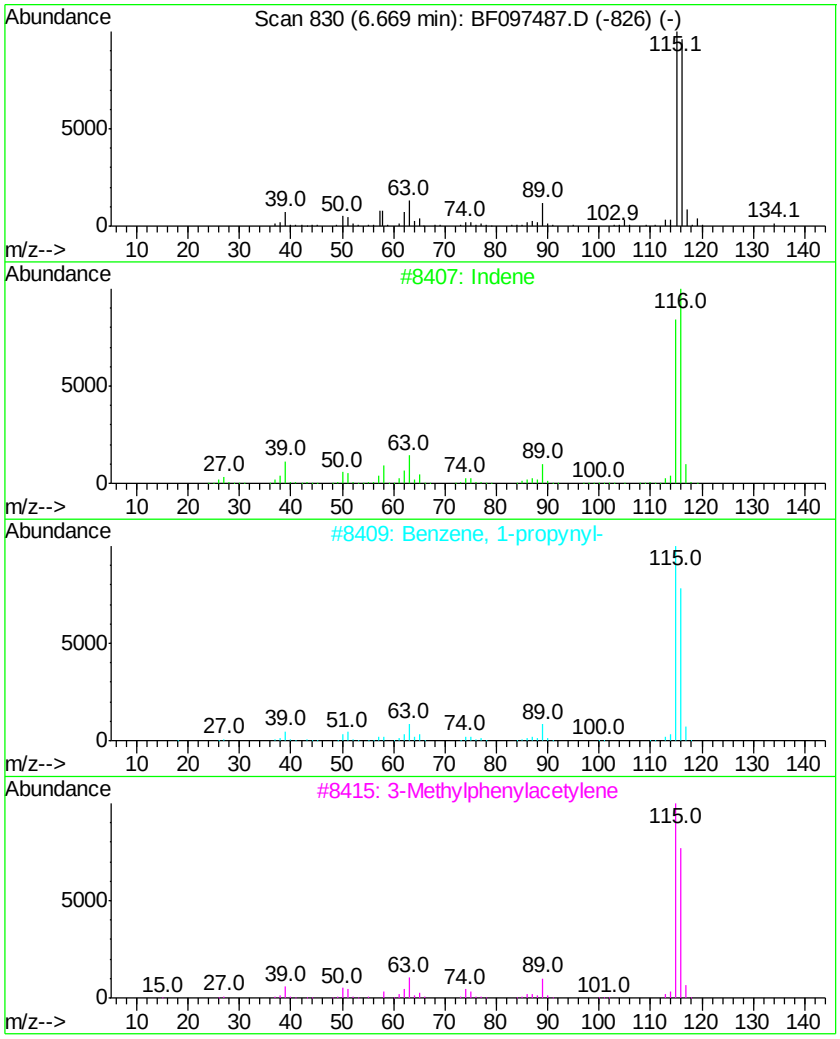
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

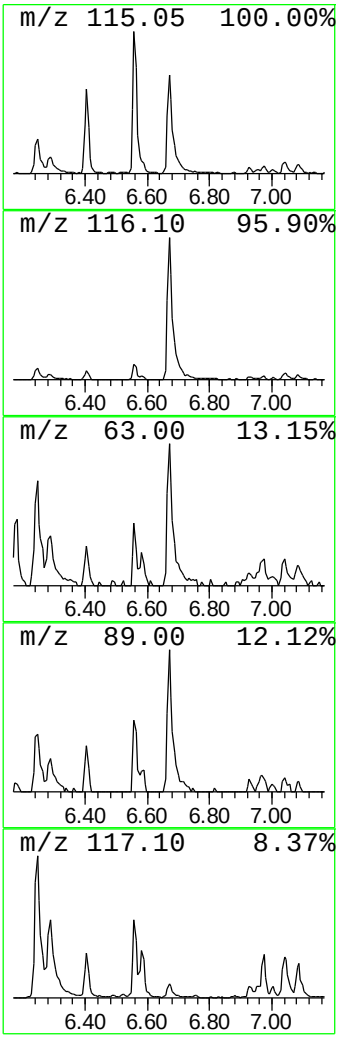
****

Peak Number 6 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	12.10 ng	379117	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

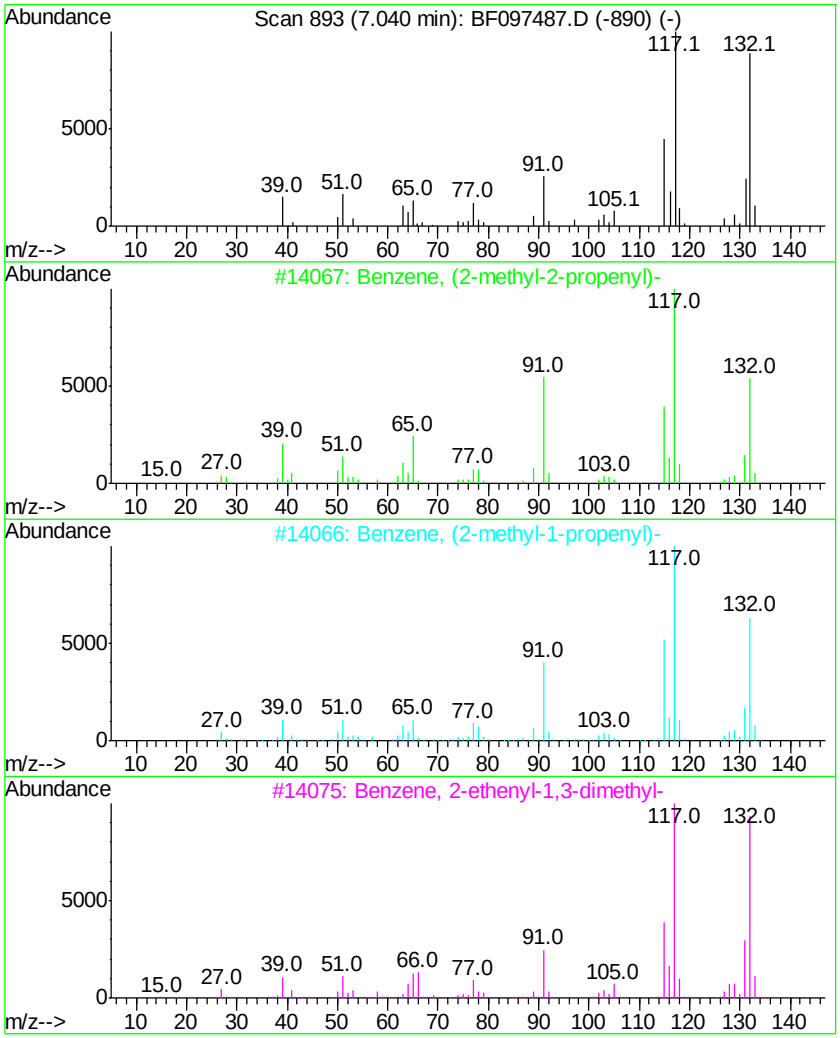
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

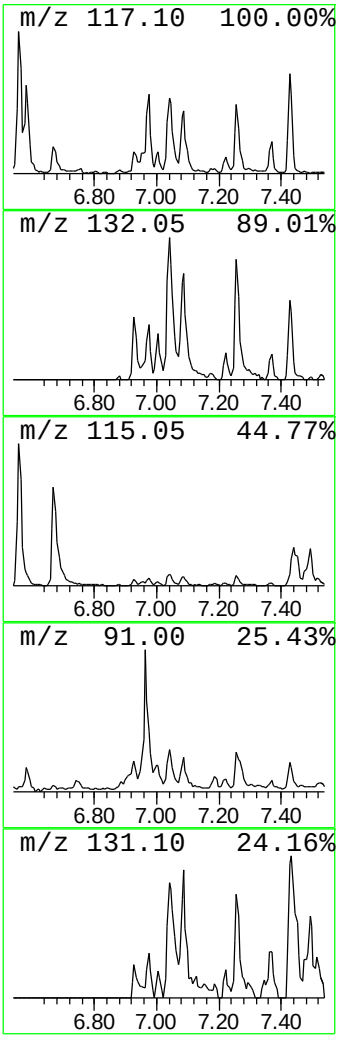
****

Peak Number 7 Benzene, (2-methyl-2-propen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	5.19 ng	162485	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

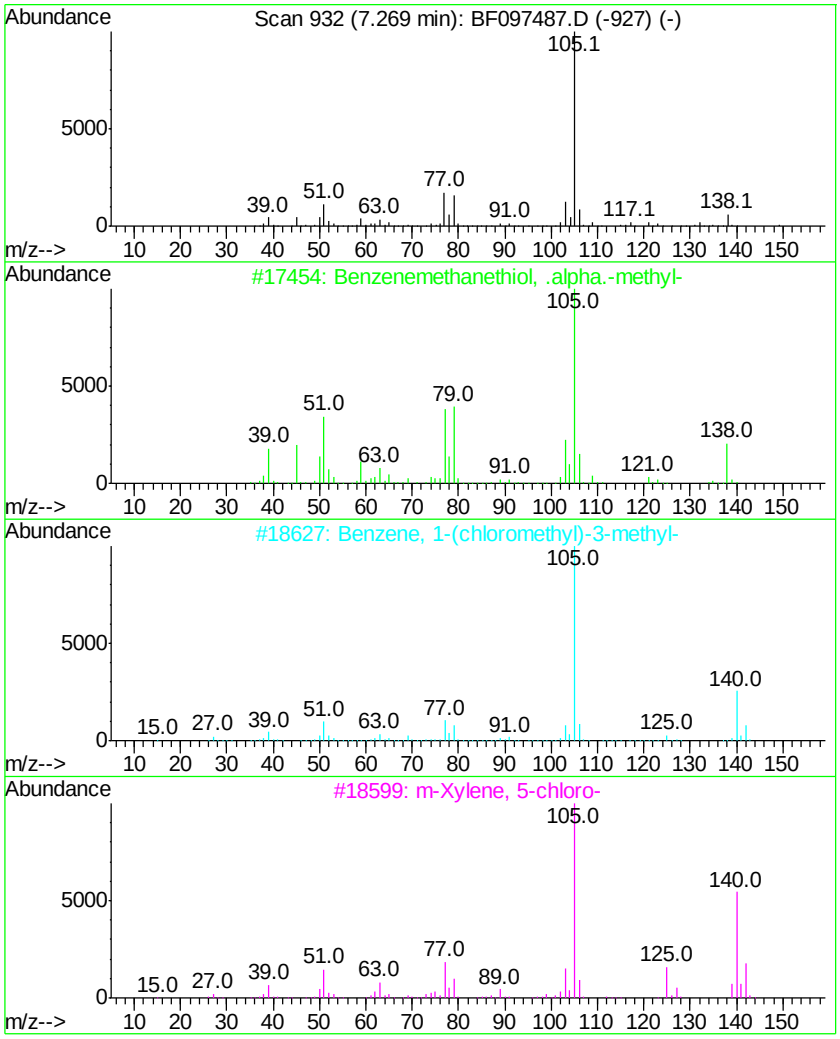
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

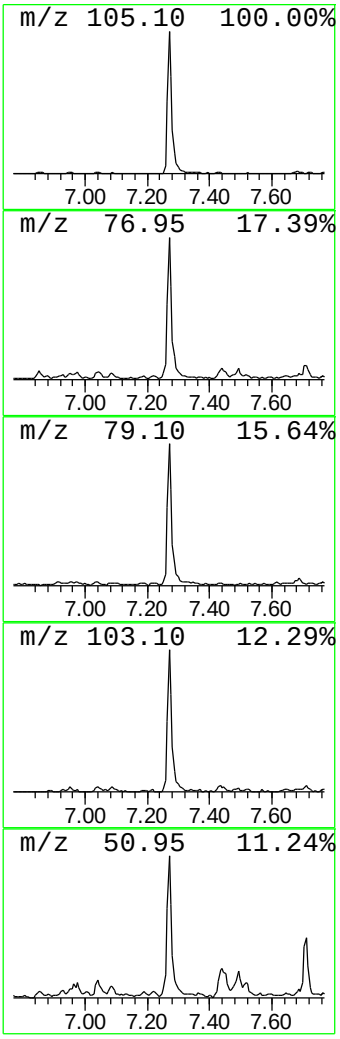
****

Peak Number 8 Benzenemethanethiol, .alpha... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	17.64 ng	768714	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	80
2	Benzene, 1-(chloromethyl)-3-methyl-	140	C8H9Cl	000620-19-9	72
3	m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	72
4	Benzene, 1-(chloromethyl)-4-methyl-	140	C8H9Cl	000104-82-5	72
5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

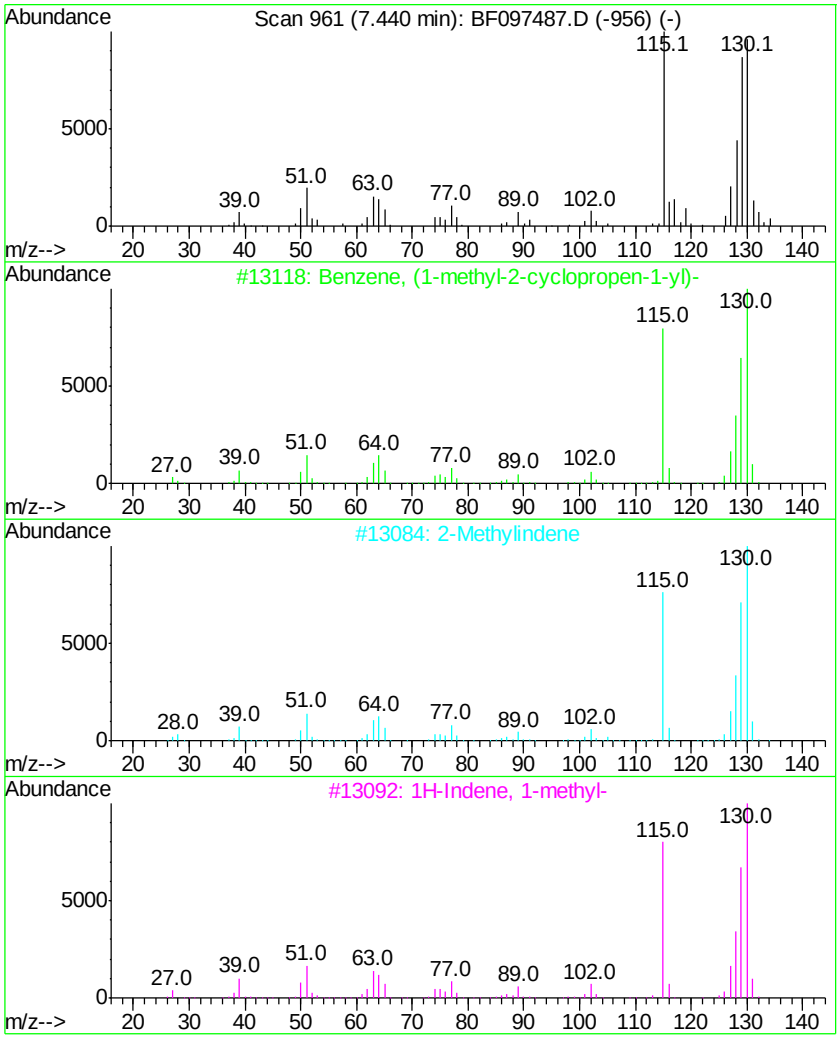
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

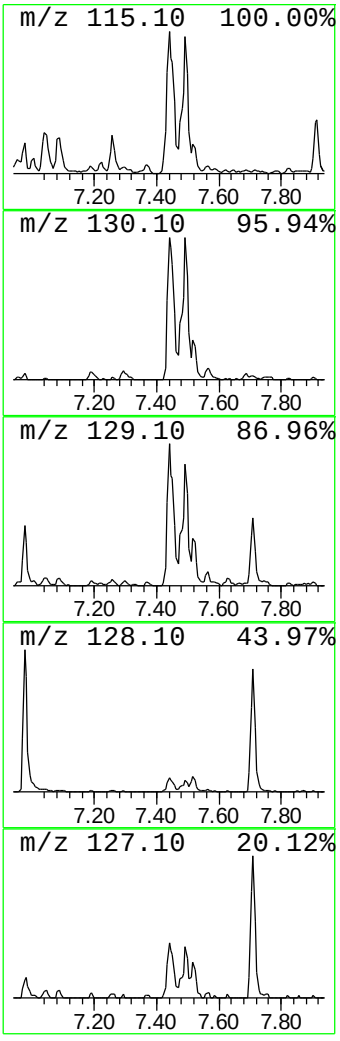
****

Peak Number 9 Benzene, (1-methyl-2-cyclop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	7.65 ng	333341	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

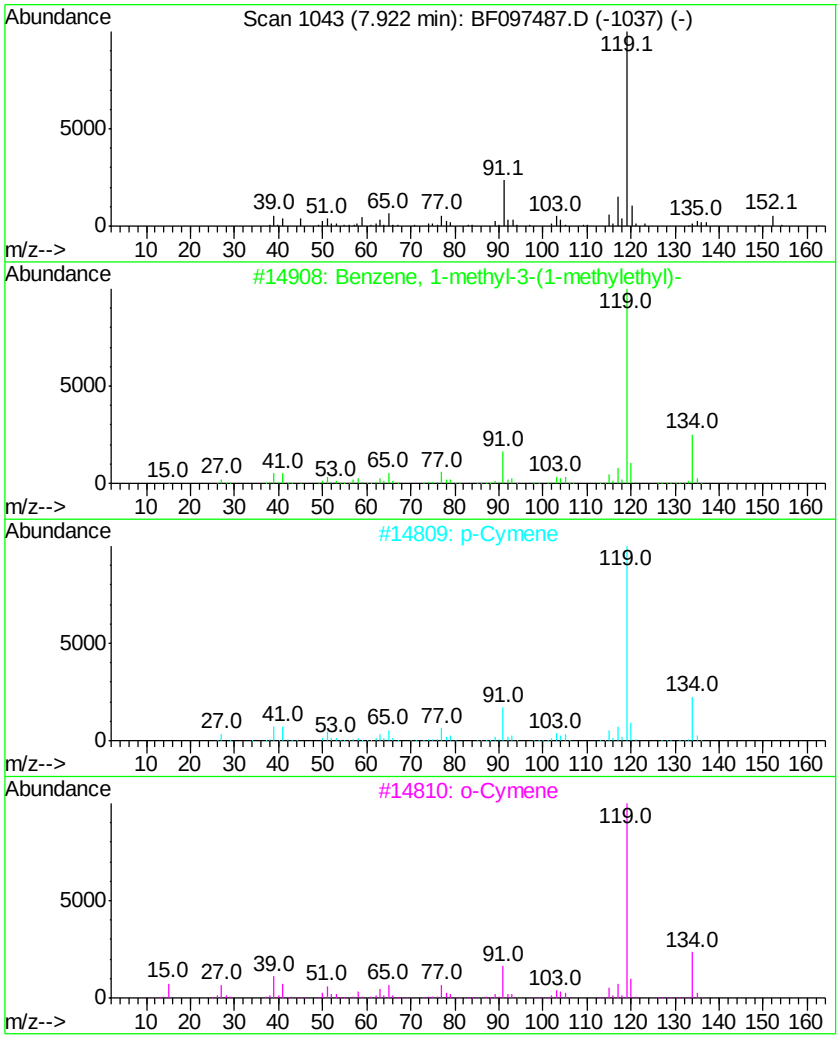
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

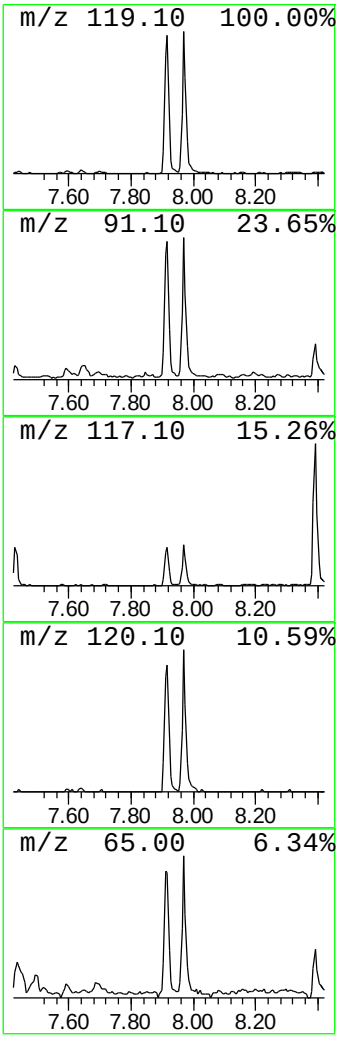
****

Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	10.42 ng	454084	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	p-Cymene	134	C10H14	000099-87-6	87
3	o-Cymene	134	C10H14	000527-84-4	81
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

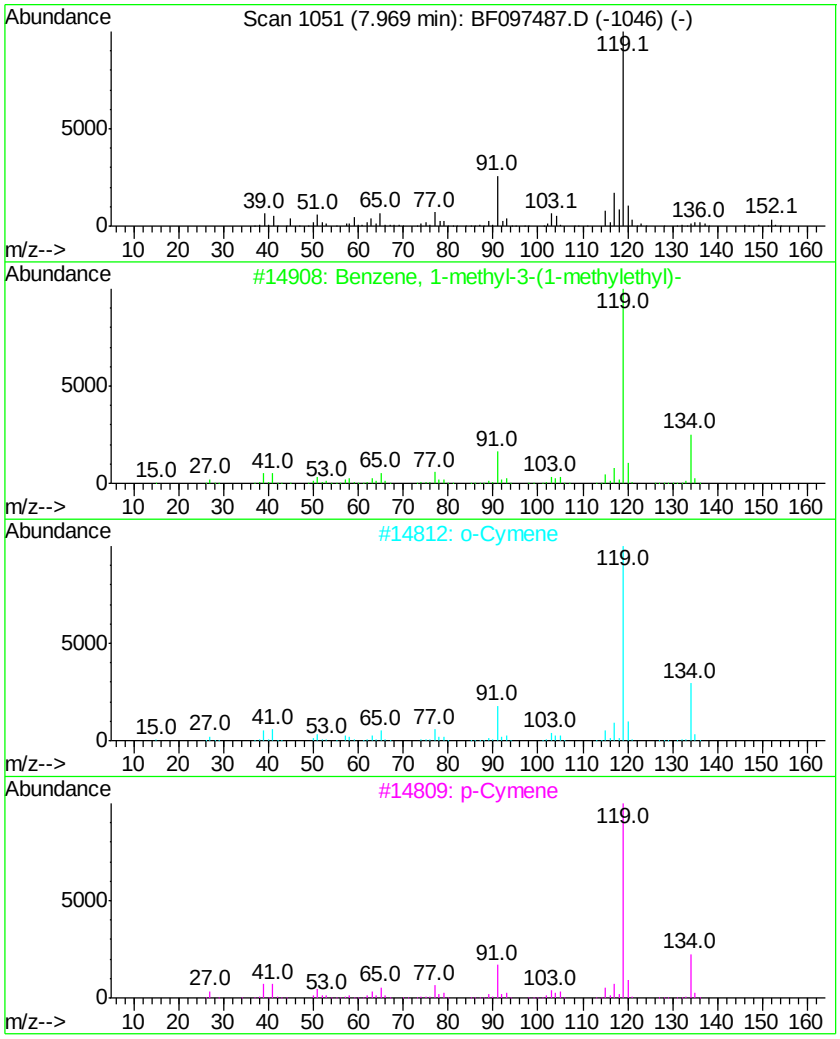
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

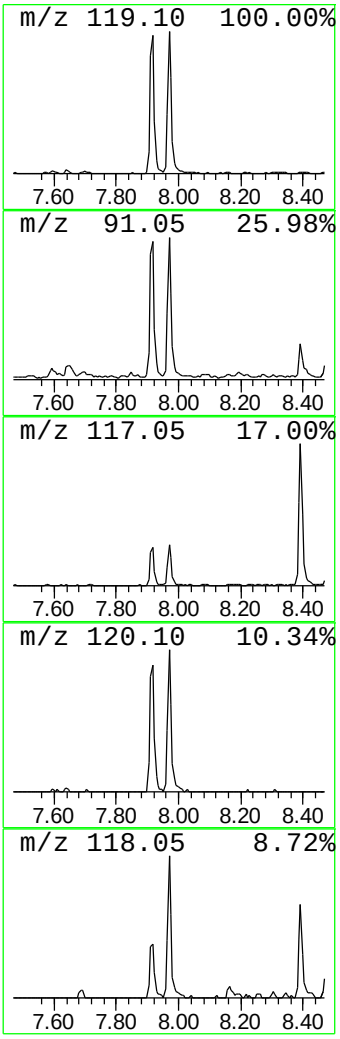
****

Peak Number 11 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	12.37 ng	539075	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	o-Cymene	134	C10H14	000527-84-4	80
3	p-Cymene	134	C10H14	000099-87-6	74
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

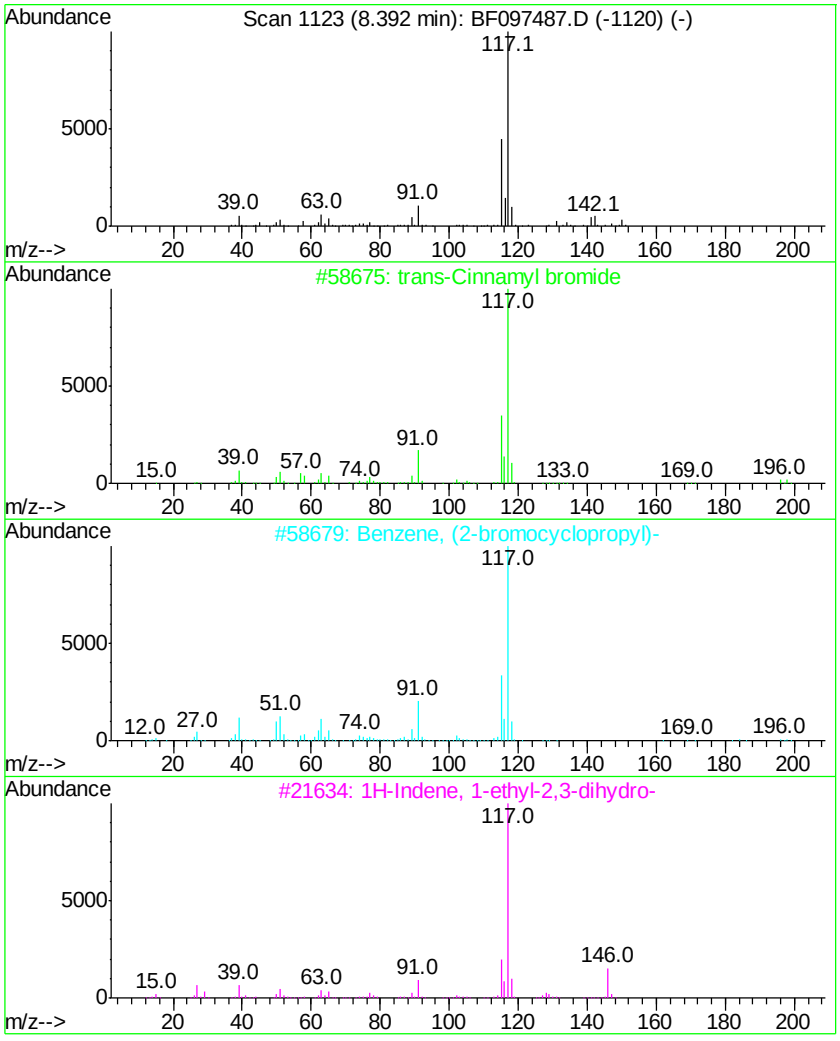
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

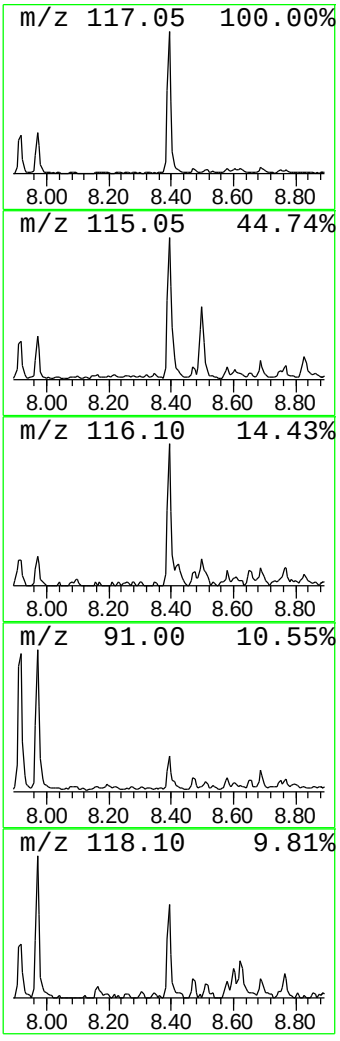
****

Peak Number 12 trans-Cinnamyl bromide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	8.43 ng	367104	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	72
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	56
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	53
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
5	2,4-Dicyanopyrrole	117	C6H3N3	074023-87-3	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

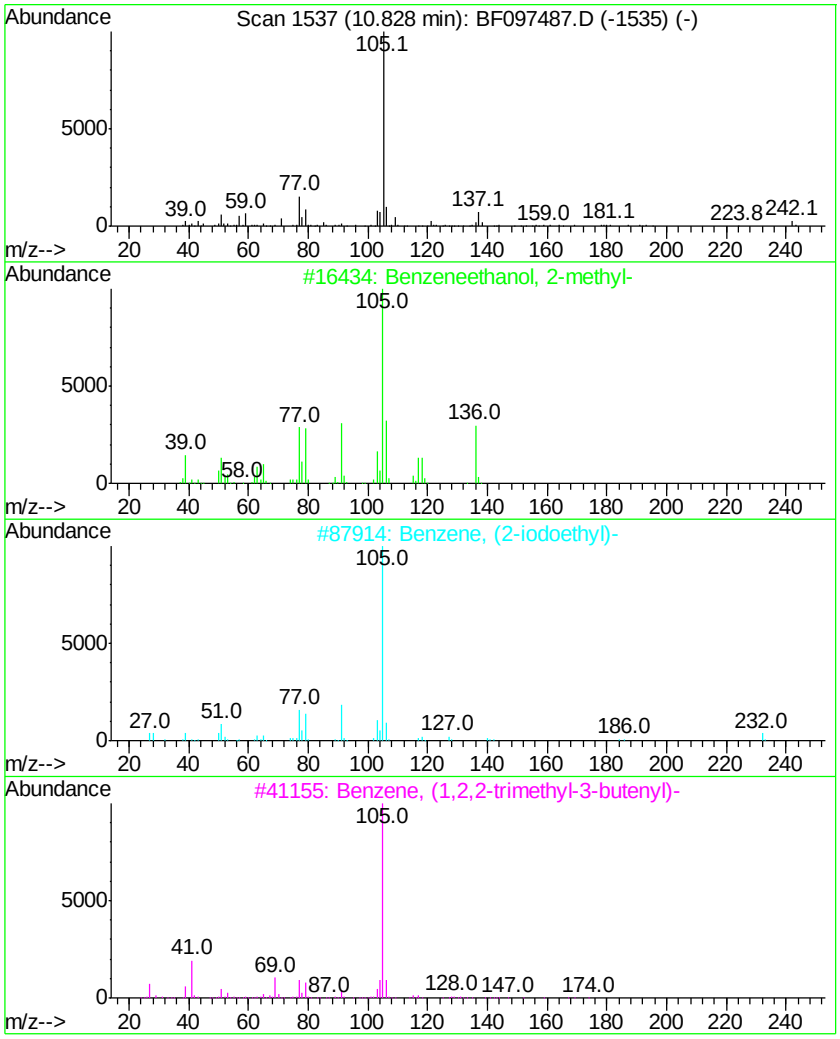
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

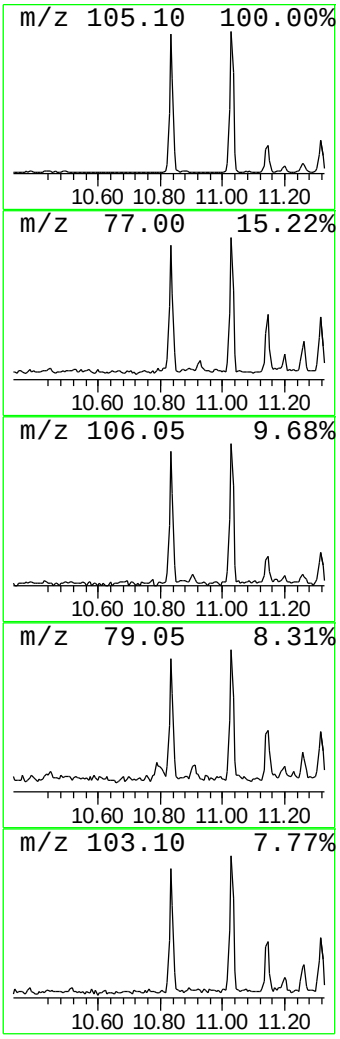
****

Peak Number 13 Benzeneethanol, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	11.56 ng	331864	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	52
2	Benzene, (2-iodoethyl)-	232	C8H9I	017376-04-4	50
3	Benzene, (1,2,2-trimethyl-3-bute...	174	C13H18	061142-17-4	50
4	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	50
5	Phenol, o-[(.alpha.-methylbenzyl...	262	C14H14O3S	029634-38-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

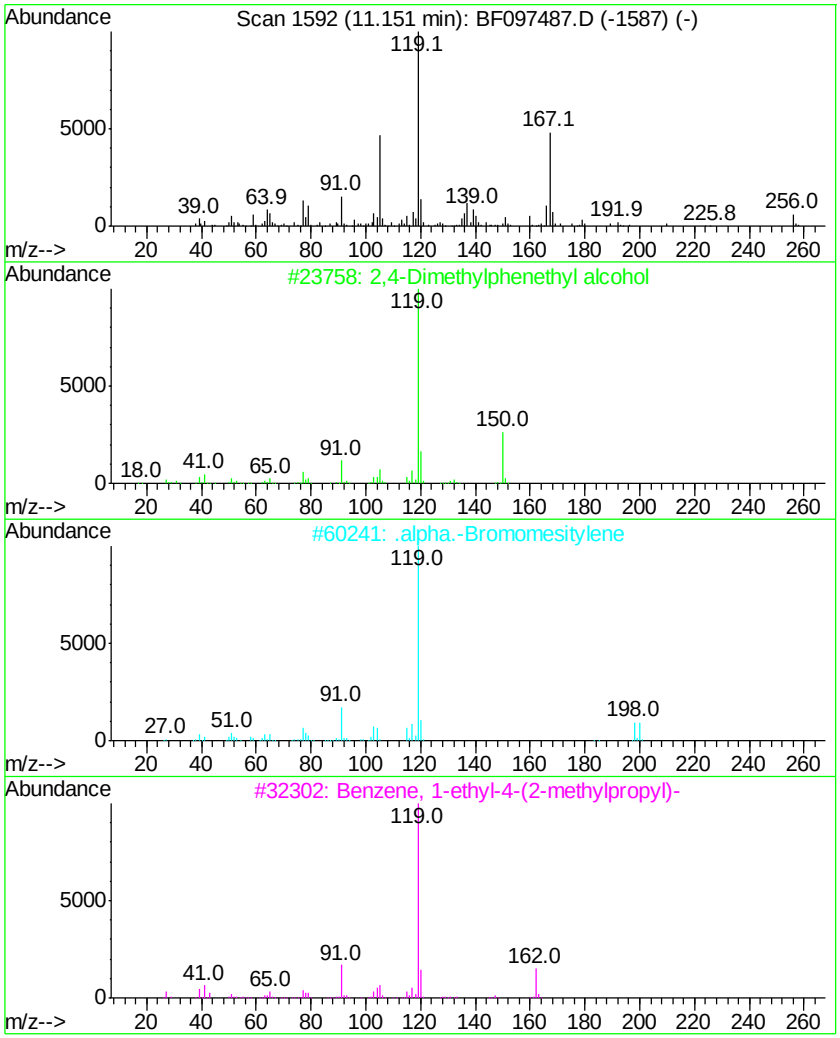
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

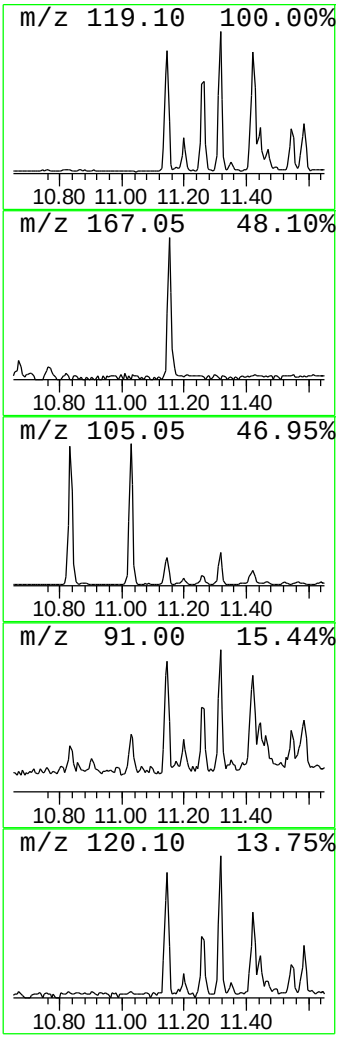
****

Peak Number 14 2,4-Dimethylphenethyl alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	10.44 ng	299726	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	59
2	.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	53
3	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	53
4	o-Cymene	134	C10H14	000527-84-4	53
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

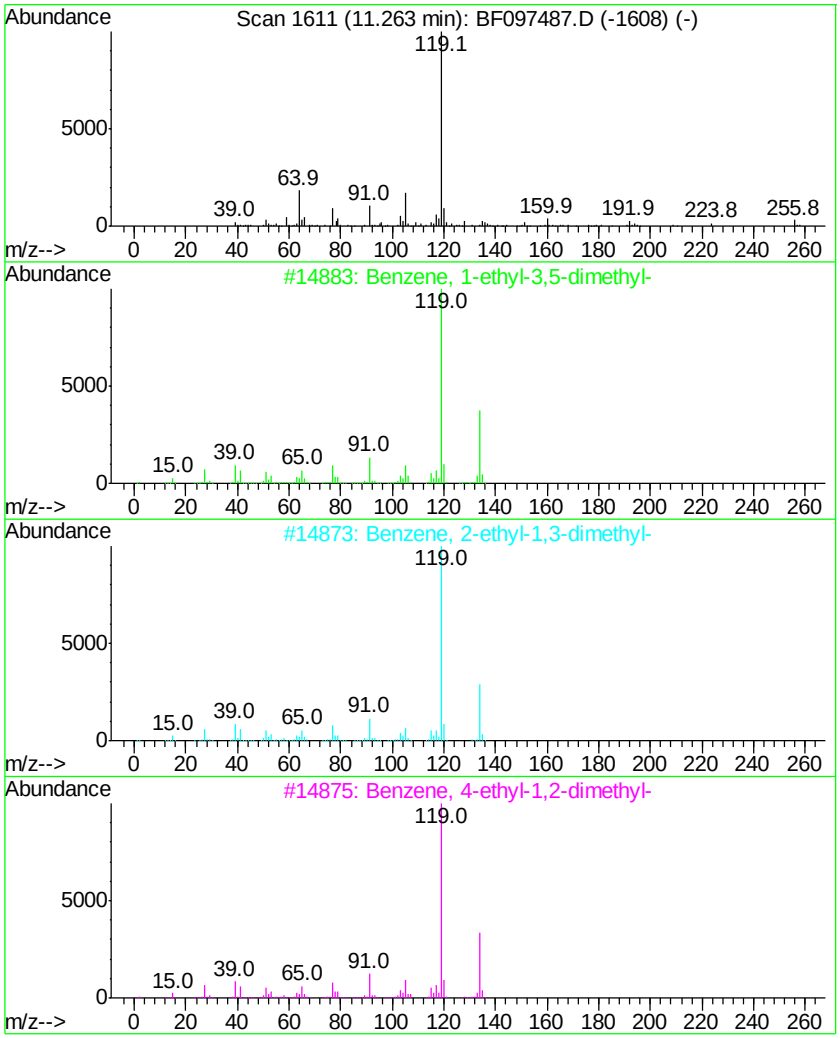
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

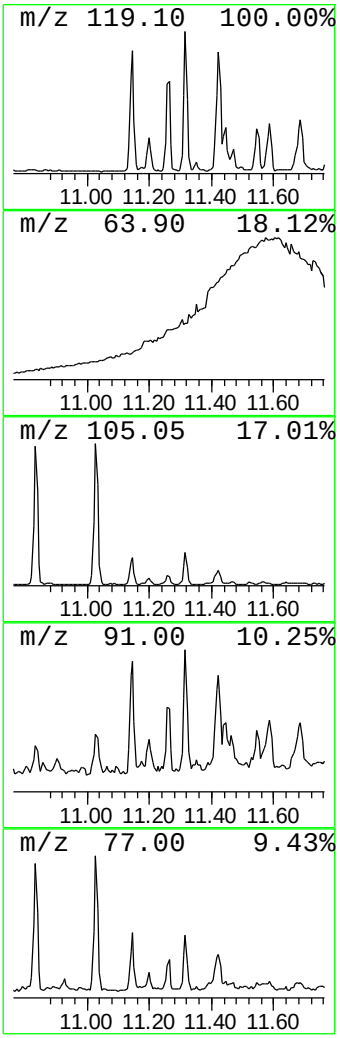
****

Peak Number 15 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	5.50 ng	157979	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59
5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

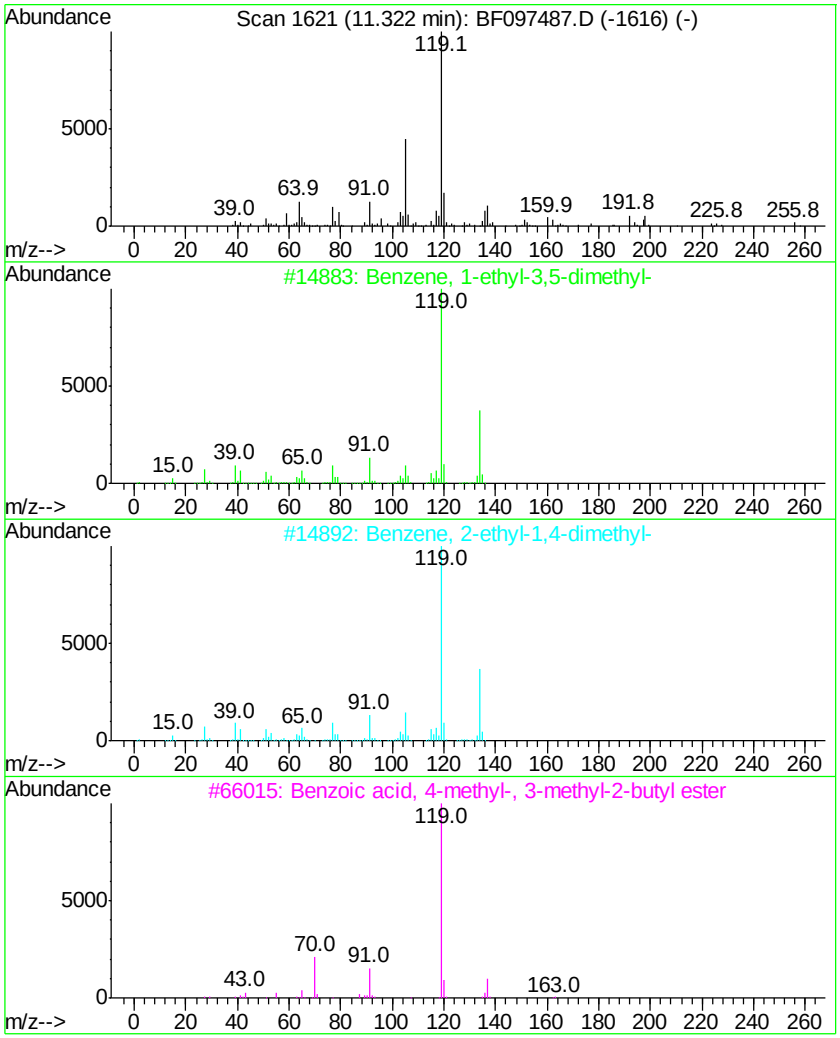
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

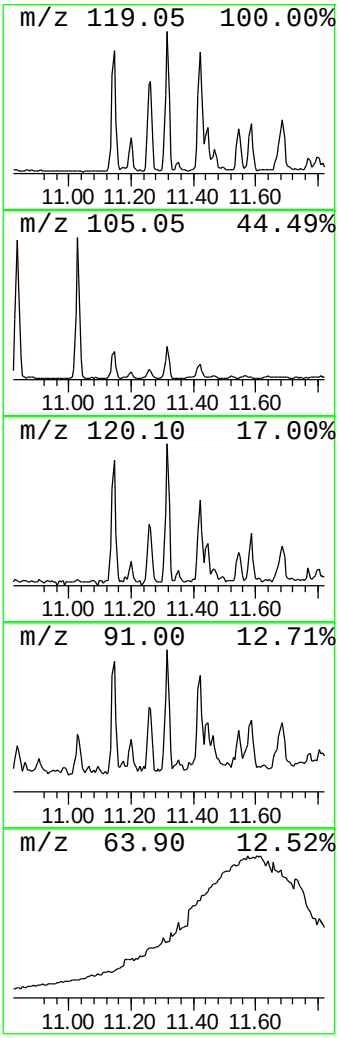
****

Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	10.94 ng	314043	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3	Benzoic acid, 4-methyl-, 3-methy...	206	C13H18O2	212261-12-6	64
4	p-Cymene	134	C10H14	000099-87-6	59
5	Phenyl 2-phenylisopropyl sulfide	228	C15H16S	004148-93-0	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

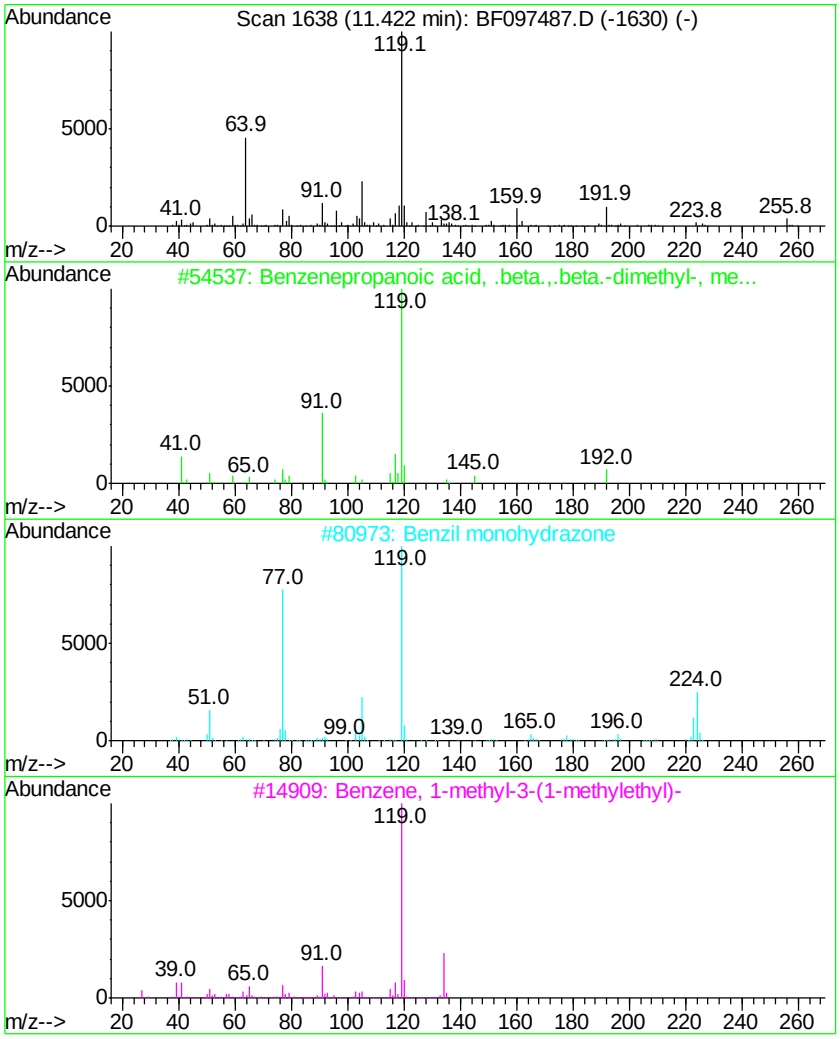
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

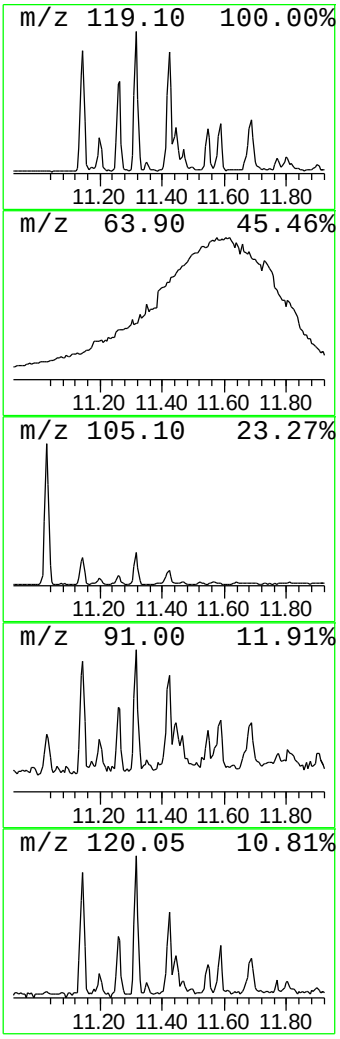
****

Peak Number 17 unknown11.42 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	30.39 ng	872656	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	25
2	Benzil monohydrazone	224	C14H12N2O	005344-88-7	22
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	18
4	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	18
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

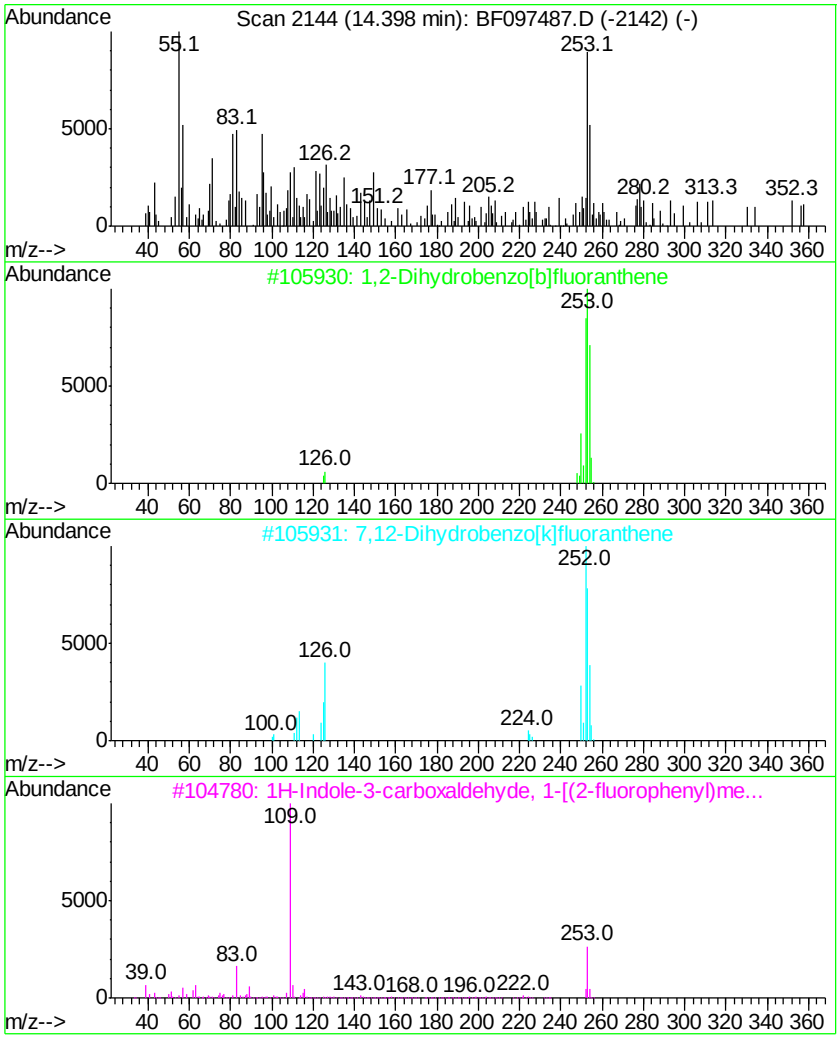
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

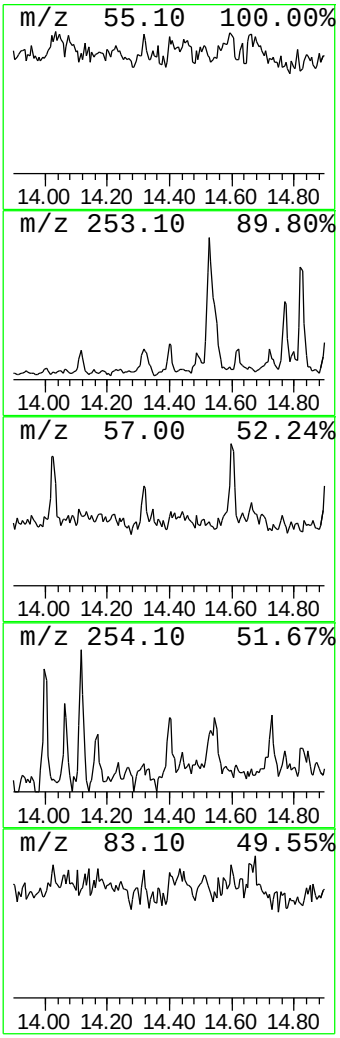
****

Peak Number 18 unknown14.40 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	5.65 ng	108856	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	43
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	38
3	1H-Indole-3-carboxaldehyde, 1-[(...	253	C16H12FNO	1000337-93-5	35
4	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	30
5	2-(4-Hydroxy-benzylidene)-benzo[...	254	C15H10O2S	1000297-32-7	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

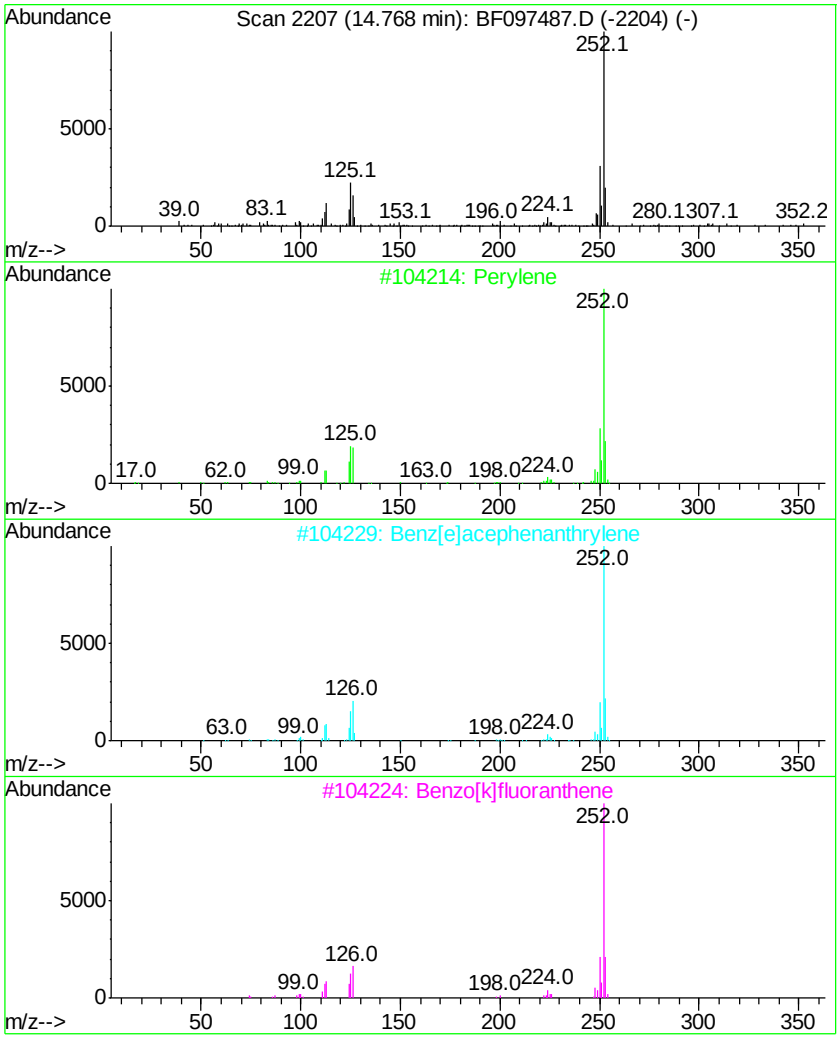
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

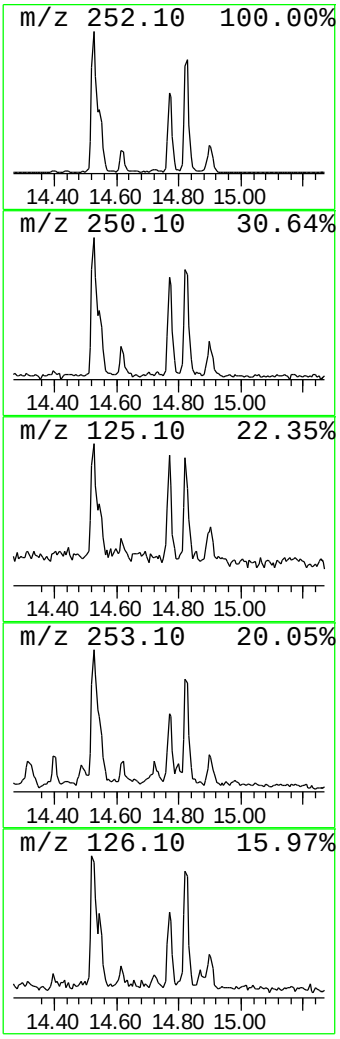
****

Peak Number 19 Perylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	7.06 ng	135874	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[e]pyrene	252	C20H12	000192-97-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

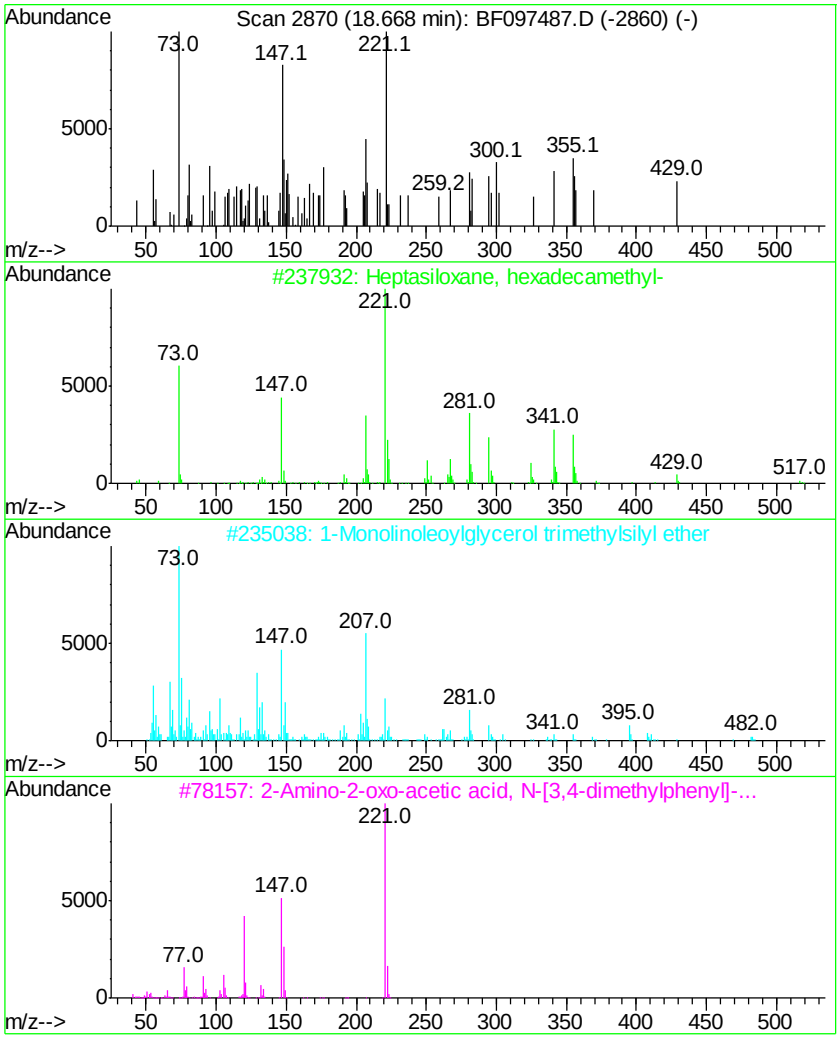
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

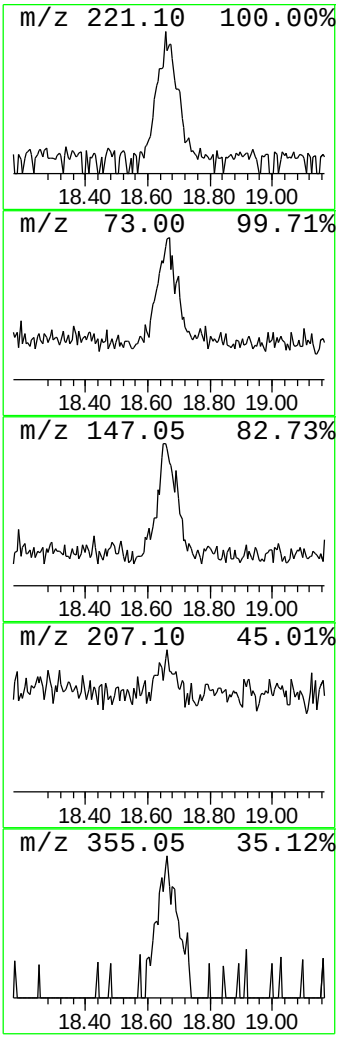
****

Peak Number 20 Heptasiloxane, hexadecamethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	5.82 ng	112110	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	50
2	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	25
3	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	22
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	22
5	Acetamide, 2-[(5,7-dimethyl[1,2,...	341	C17H19N5OS	1000350-36-7	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097487.D
Acq On : 9 Aug 2017 00:00
Operator : SJ/JU
Sample : I4655-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7DEL-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3,5,7-Cycloocta...	5.19	11.7	ng	366458	1	6.40	626685	20.0
unknown6.17	6.17	55.0	ng	1724880	1	6.40	626685	20.0
Benzene, 1-etheny...	6.25	13.0	ng	407315	1	6.40	626685	20.0
Benzene, 1-propenyl-	6.29	7.4	ng	230843	1	6.40	626685	20.0
Indene	6.67	12.1	ng	379117	1	6.40	626685	20.0
Benzene, (2-methy...	7.04	5.2	ng	162485	1	6.40	626685	20.0
Benzenemethanethi...	7.27	17.6	ng	768714	2	7.69	871391	20.0
Benzene, (1-methy...	7.44	7.7	ng	333341	2	7.69	871391	20.0
Benzene, 1-methyl...	7.92	10.4	ng	454084	2	7.69	871391	20.0
o-Cymene	7.97	12.4	ng	539075	2	7.69	871391	20.0
trans-Cinnamyl br...	8.39	8.4	ng	367104	2	7.69	871391	20.0
Benzeneethanol, 2...	10.83	11.6	ng	331864	4	10.90	574284	20.0
2,4-Dimethylphene...	11.15	10.4	ng	299726	4	10.90	574284	20.0
Benzene, 1-ethyl-...	11.26	5.5	ng	157979	4	10.90	574284	20.0
Benzene, 2-ethyl-...	11.32	10.9	ng	314043	4	10.90	574284	20.0
unknown11.42	11.42	30.4	ng	872656	4	10.90	574284	20.0
unknown14.40	14.40	5.7	ng	108856	6	14.87	385016	20.0
Perylene	14.77	7.1	ng	135874	6	14.87	385016	20.0
Heptasiloxane, he...	18.67	5.8	ng	112110	6	14.87	385016	20.0