LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.316	545	549	552	rVV	2576958	2284268	80.63%	3.646%
2	5.528	582	585	598	rVV	522190	598757	21.13%	0.956%
3	6.204	697	700	703	rVB	318295	257969	9.11%	0.412%
4	6.357	719	726	731	rVV	2308883	2459632	86.82%	3.926%
5	6.428	735	738	742	rVV	227837	226947	8.01%	0.362%
6	6.551	754	759	763	rBV	831340	916408	32.35%	1.463%
7	6.587	763	765	772	rVB	367113	349872	12.35%	0.558%
8	6.710	783	786	789	rBV	1068119	937622	33.10%	1.497%
9	6.869	810	813	816	rVB	2431367	1974823	69.71%	3.152%
10	6.975	827	831	839	rBV	642561	662721	23.39%	1.058%
11	7.281	876	883	887	rBV2	1777221	1887769	66.63%	3.013%
12	7.322	887	890	896	rVV2	185444	337451	11.91%	0.539%
13	7.381	896	900	905	rVB	120021	123480	4.36%	0.197%
14	7.487	913	918	920	rBV3	119462	131418	4.64%	0.210%
15	7.534	920	926	928	rVV	187770	305342	10.78%	0.487%
16	7.551	928	929	931	rVV	134660	122176	4.31%	0.195%
17	7.575	931	933	937	rVB	878063	652724	23.04%	1.042%
18	7.751	959	963	966	rBV	262465	274027	9.67%	0.437%
19	7.798	966	971	974	rVV	464561	456308	16.11%	0.728%
20	7.998	999	1005	1007	rBV	1484175	1409591	49.76%	2.250%
21	8.022	1007	1009	1012	rVV	341911	264460	9.33%	0.422%
22	8.216	1037	1042	1045	rBV	654465	508451	17.95%	0.812%
23	8.275	1049	1052	1058	rBV	864856	651613	23.00%	1.040%
24	8.598	1104	1107	1110	rVB	218074	174122	6.15%	0.278%
25	8.710	1122	1126	1130	rVB3	275581	309270	10.92%	0.494%
26	8.904	1157	1159	1164	rVB2	117438	129103	4.56%	0.206%
27	9.081	1185	1189	1192	rVB	3342749	2833016	100.00%	4.522%
28	9.163	1199	1203	1207	rVV2	183935	174368	6.15%	0.278%
29	9.204	1207	1210	1213	rVV	1975054	1546879	54.60%	2.469%
30	9.234	1213	1215	1219	rVV	114215	138014	4.87%	0.220%
31	9.428	1243	1248	1252	rBV4	148075	298936	10.55%	0.477%
32	9.475	1252	1256	1260	rVB	582899	533886	18.85%	0.852%
33	9.616	1277	1280	1287	rVB	141448	194501	6.87%	0.310%
34	9.698	1291	1294	1297	rBV	959769	871621	30.77%	1.391%

LSC Area Percent Report

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Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.728	1297	1299	1301	rVV	457862	388283	13.71%	0.620%
36	9.757	1301	1304	1307	rVV	1559786	1242081	43.84%	1.983%
37	9.786	1307	1309	1313	rVB	433789	372677	13.15%	0.595%
38	9.863	1319	1322	1325	rVB	188358	167877	5.93%	0.268%
39	9.951	1335	1337	1341	rVB2	151594	152173	5.37%	0.243%
40	10.192	1375	1378	1381	rBV	194201	150786	5.32%	0.241%
41	10.245	1384	1387	1393	rVB	162180	161133	5.69%	0.257%
42	10.381	1408	1410	1413	rVB	229000	164549	5.81%	0.263%
43	10.433	1417	1419	1421	rVB	177015	120617	4.26%	0.193%
44	10.545	1434	1438	1441	rBV	2047066	1698166	59.94%	2.710%
45	10.669	1456	1459	1465	rVB2	228326	331917	11.72%	0.530%
46	10.728	1466	1469	1474	rBV	303509	263685	9.31%	0.421%
47	10.816	1481	1484	1486	rBV	201858	143319	5.06%	0.229%
48	10.839	1486	1488	1492	rVV	200435	169553	5.98%	0.271%
49	10.904	1496	1499	1502	rVB2	175229	143451	5.06%	0.229%
50	11.016	1515	1518	1520	rVB	156764	122753	4.33%	0.196%
51	11.116	1532	1535	1537	rBV	163801	119934	4.23%	0.191%
52	11.192	1546	1548	1552	rVB2	264855	206904	7.30%	0.330%
53	11.239	1553	1556	1559	rBV	1381733	1307499	46.15%	2.087%
54	11.263	1559	1560	1562	rVB	290860	147574	5.21%	0.236%
55	11.363	1573	1577	1581	rBV2	221482	256823	9.07%	0.410%
56	11.480	1594	1597	1603	rVB	319036	312965	11.05%	0.500%
57	11.539	1604	1607	1610	rBV2	274459	245535	8.67%	0.392%
58	11.598	1615	1617	1620	rVB	176036	129757	4.58%	0.207%
59	11.651	1621	1626	1629	rBV2	330225	348489	12.30%	0.556%
60	11.692	1630	1633	1637	rBV	345927	325606	11.49%	0.520%
61	11.757	1640	1644	1645	rBV2	247001	288197	10.17%	0.460%
62	11.780	1645	1648	1651	rVB2	462604	427639	15.09%	0.683%
63	11.880	1663	1665	1669	rVB3	123755	124097	4.38%	0.198%
64	11.916	1669	1671	1675	rBV	128882	123753	4.37%	0.198%
65	11.951	1675	1677	1680	rBV	171267	130950	4.62%	0.209%
66	12.039	1685	1692	1695	rVB4	245161	504289	17.80%	0.805%
67	12.186	1714	1717	1720	rVB	251728	245492	8.67%	0.392%
68	12.339	1738	1743	1747	rVB3	217762	303820	10.72%	0.485%
69	12.457	1760	1763	1765	rBV	247299	199516	7.04%	0.318%
70	12.563	1779	1781	1788	rVB2	226931	224181	7.91%	0.358%
71	12.680	1799	1801	1804	rBV	238705	208063	7.34%	0.332%

LSC Area Percent Report

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Sample : L2314-05
Misc :
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Instrument : BNA_F
ClientSampleId : WB-4-1

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.716	1804	1807	1810	rVB2	237781	236589	8.35%	0.378%
73	12.833	1823	1827	1830	rVB	2717624	2337934	82.52%	3.732%
74	13.069	1865	1867	1869	rBV	163029	125880	4.44%	0.201%
75	13.098	1869	1872	1875	rVV	373614	293149	10.35%	0.468%
76	13.263	1896	1900	1902	rBV	1015745	856371	30.23%	1.367%
77	13.416	1922	1926	1929	rBV	379714	373411	13.18%	0.596%
78	13.504	1938	1941	1943	rBV	370410	291873	10.30%	0.466%
79	13.621	1958	1961	1964	rBV	442269	415777	14.68%	0.664%
80	13.739	1978	1981	1985	rBV2	320801	379600	13.40%	0.606%
81	13.886	2001	2006	2008	rBV2	924712	1035158	36.54%	1.652%
82	14.051	2031	2034	2038	rBV	1127502	1104575	38.99%	1.763%
83	14.098	2039	2042	2044	rBV	626319	549720	19.40%	0.877%
84	14.127	2044	2047	2050	rBV	342885	449871	15.88%	0.718%
85	14.157	2050	2052	2055	rVB	420204	315554	11.14%	0.504%
86	14.204	2057	2060	2064	rVB	522855	486500	17.17%	0.777%
87	14.251	2064	2068	2069	rBV	732171	758333	26.77%	1.210%
88	14.274	2069	2072	2075	rBV	1555976	2060584	72.73%	3.289%
89	14.298	2075	2076	2079	rVB	1184873	933420	32.95%	1.490%
90	14.339	2079	2083	2086	rBV	1172969	985123	34.77%	1.572%
91	14.368	2086	2088	2091	rBV3	162335	183206	6.47%	0.292%
92	14.410	2091	2095	2096	rBV	925278	855155	30.19%	1.365%
93	14.521	2111	2114	2117	rVB	1121457	973927	34.38%	1.555%
94	14.645	2132	2135	2140	rVV	1462642	1535093	54.19%	2.450%
95	14.716	2143	2147	2152	rVB	1864183	1769250	62.45%	2.824%
96	14.980	2190	2192	2195	rBV	188256	178740	6.31%	0.285%
97	15.321	2244	2250	2257	rBV2	1333771	2379761	84.00%	3.798%
98	16.345	2418	2424	2431	rBV	1074439	1897461	66.98%	3.029%
99	17.633	2638	2643	2654	rVB2	249625	654790	23.11%	1.045%
100	18.533	2788	2796	2808	rVB2	408479	1263588	44.60%	2.017%

Sum of corrected areas: 62652041

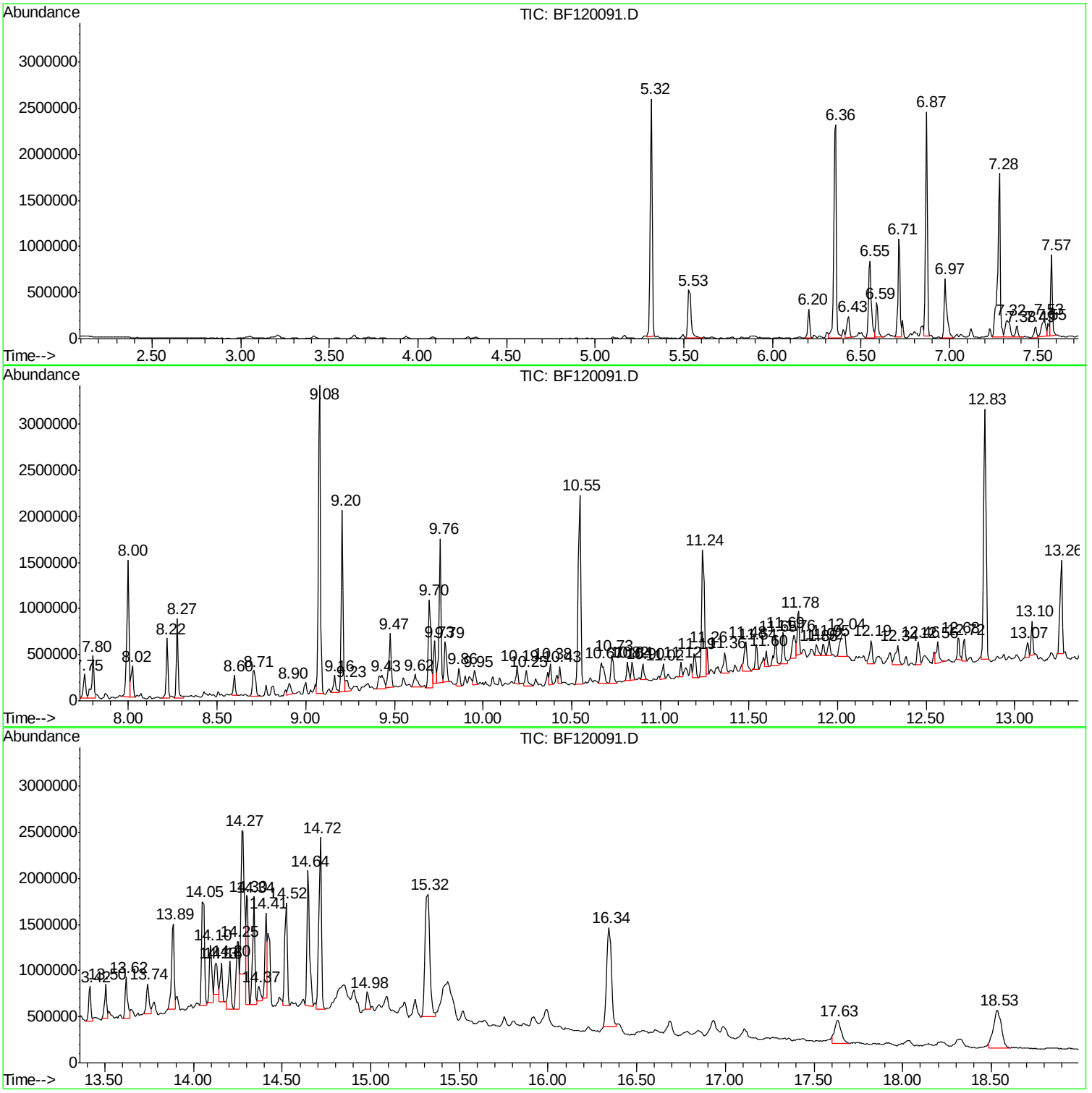
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
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Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

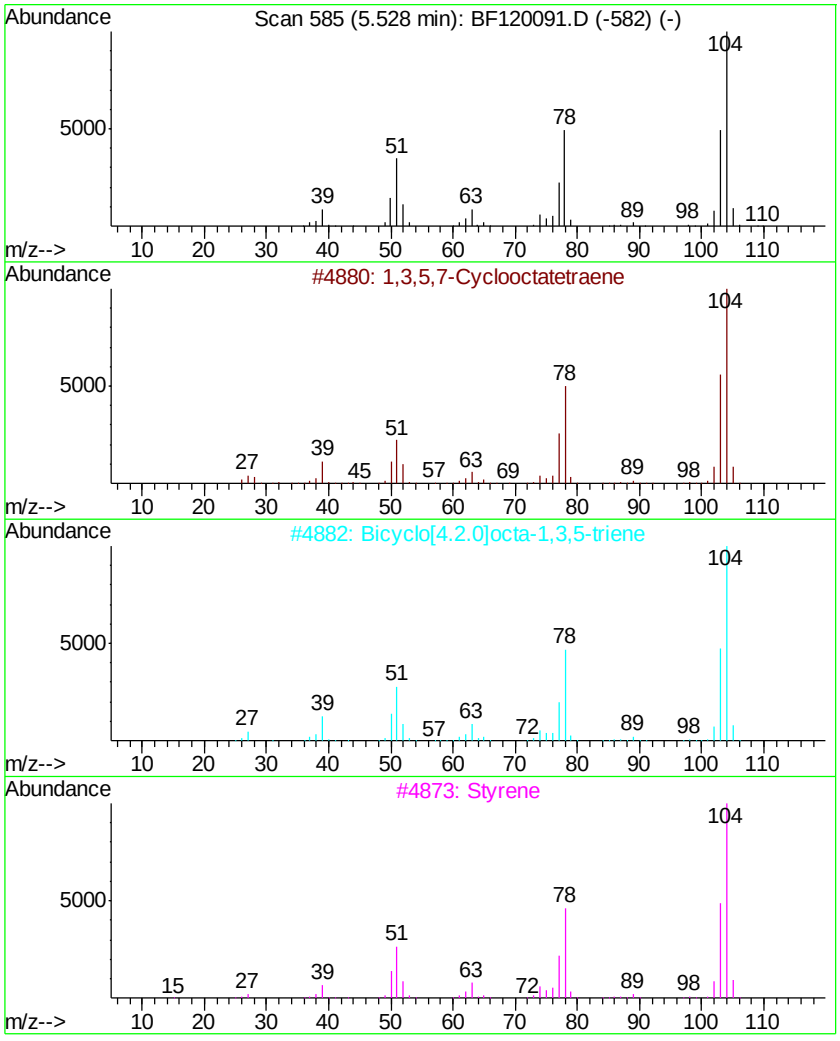
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

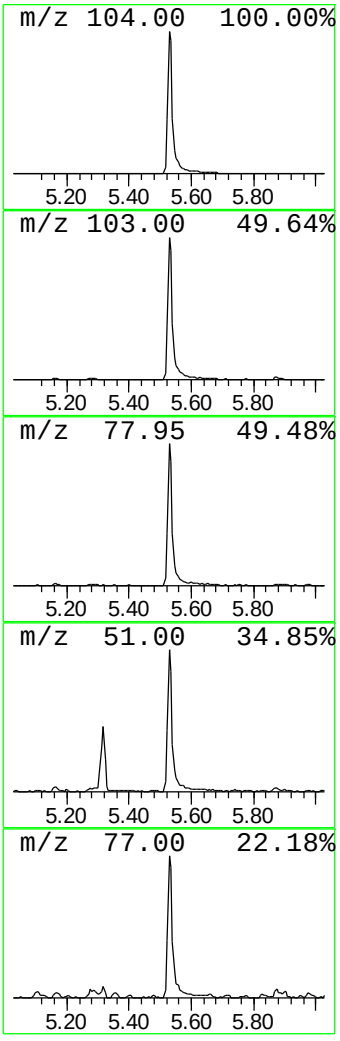
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	12.77 ng	598757	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
3	Styrene	104	C8H8	000100-42-5	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	3-Pyridinecarbonitrile	104	C6H4N2	000100-54-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
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Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

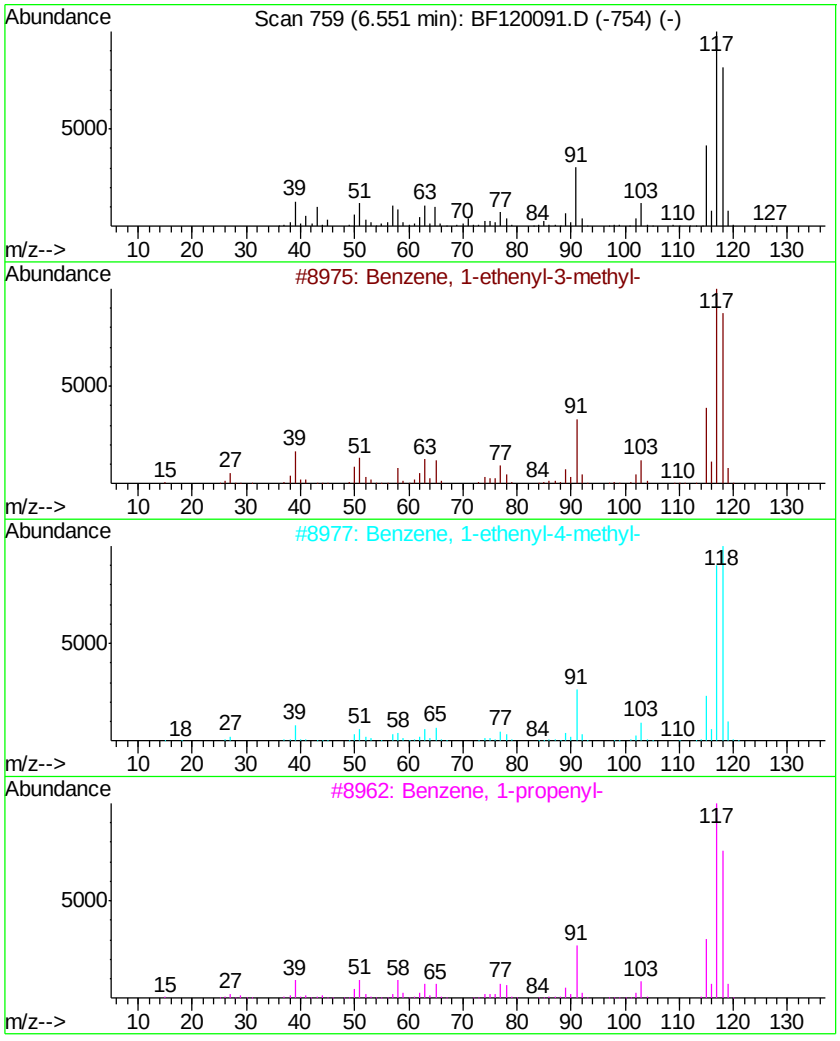
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

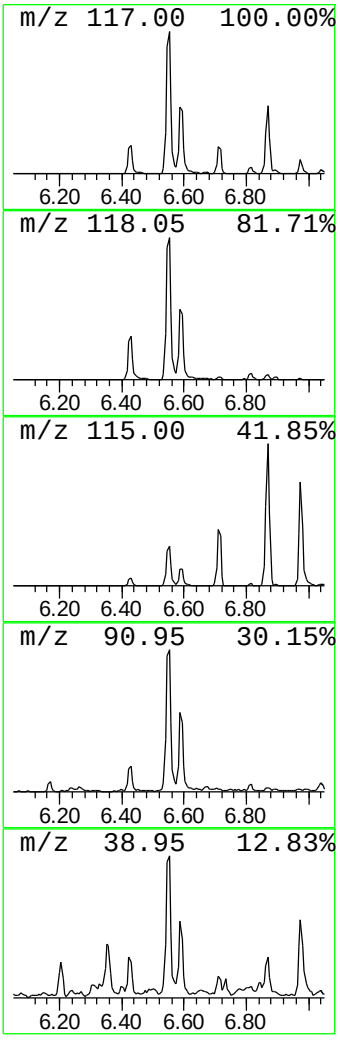
****

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	19.55 ng	916408	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
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Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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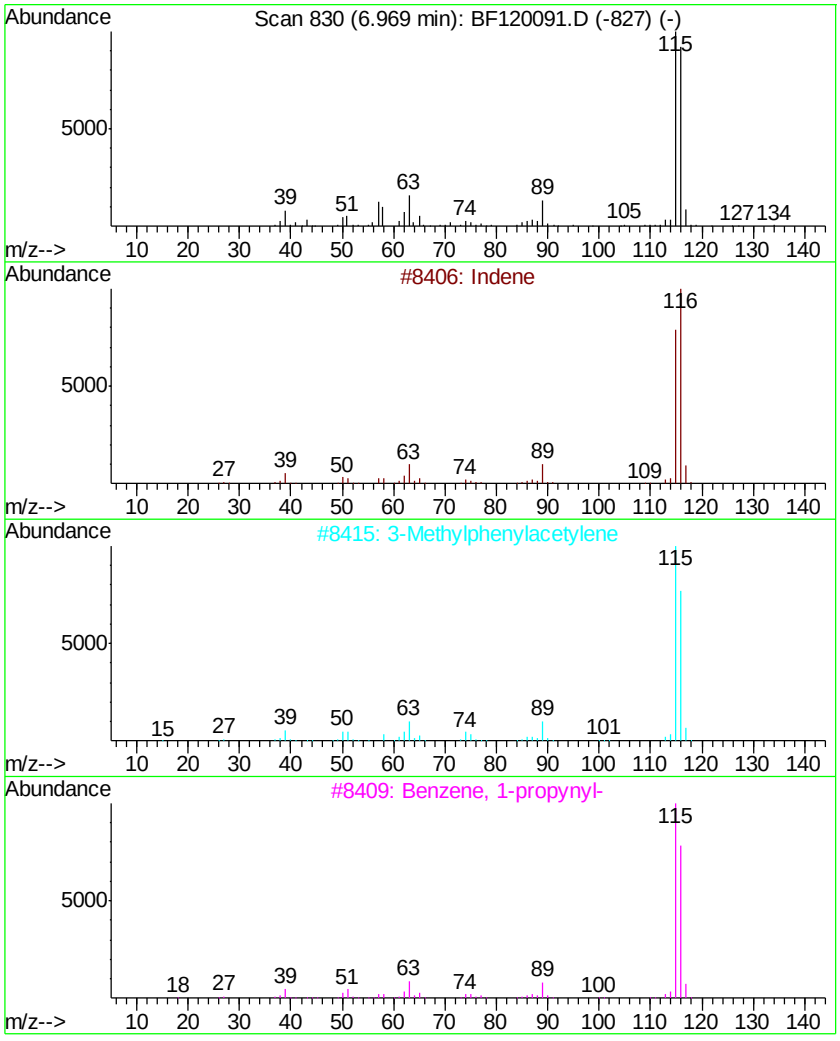
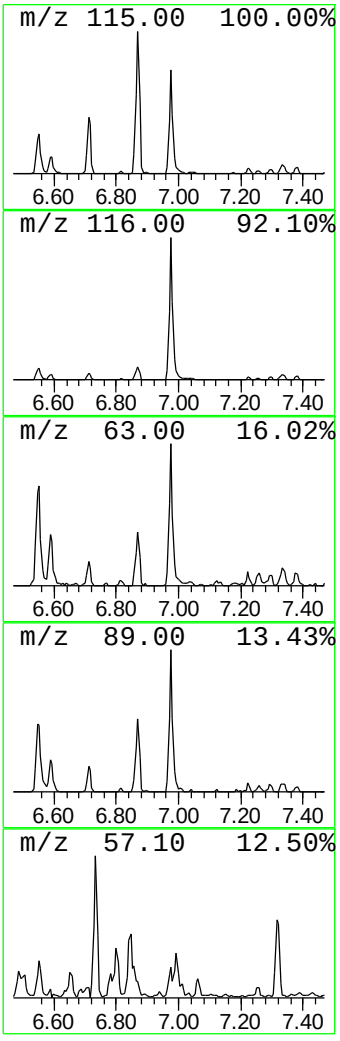
Peak Number 4 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	14.14 ng	662721	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Library Search Compound Report

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Data File : BF120091.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

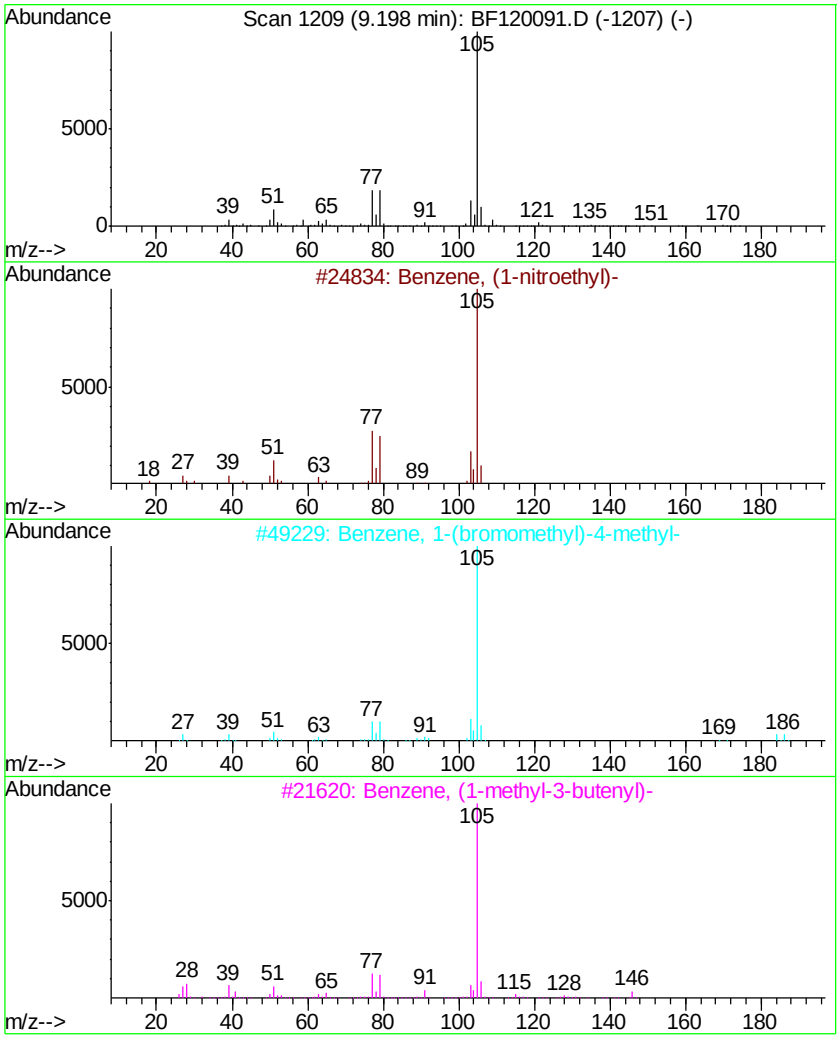
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

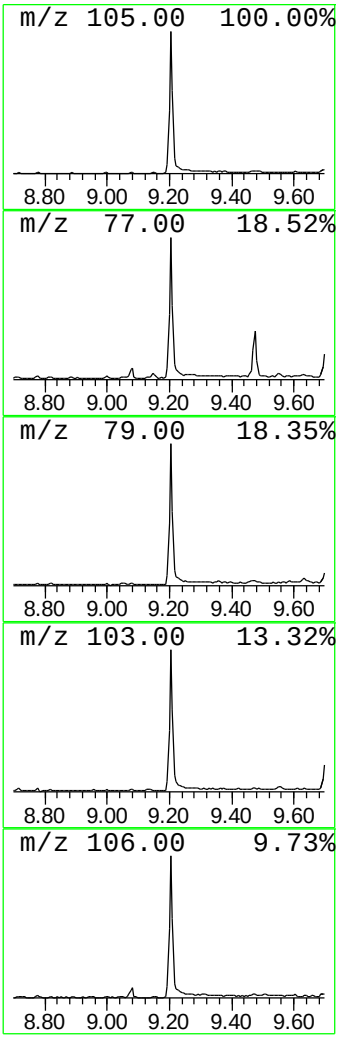
****

Peak Number 5 Benzene, (1-nitroethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	24.91 ng	1546880	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	78
2	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	78
3	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	72
4	Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	64
5	Benzene, (3-chloro-1-methylpropyl)-	168	C10H13Cl	013556-61-1	64





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Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
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Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

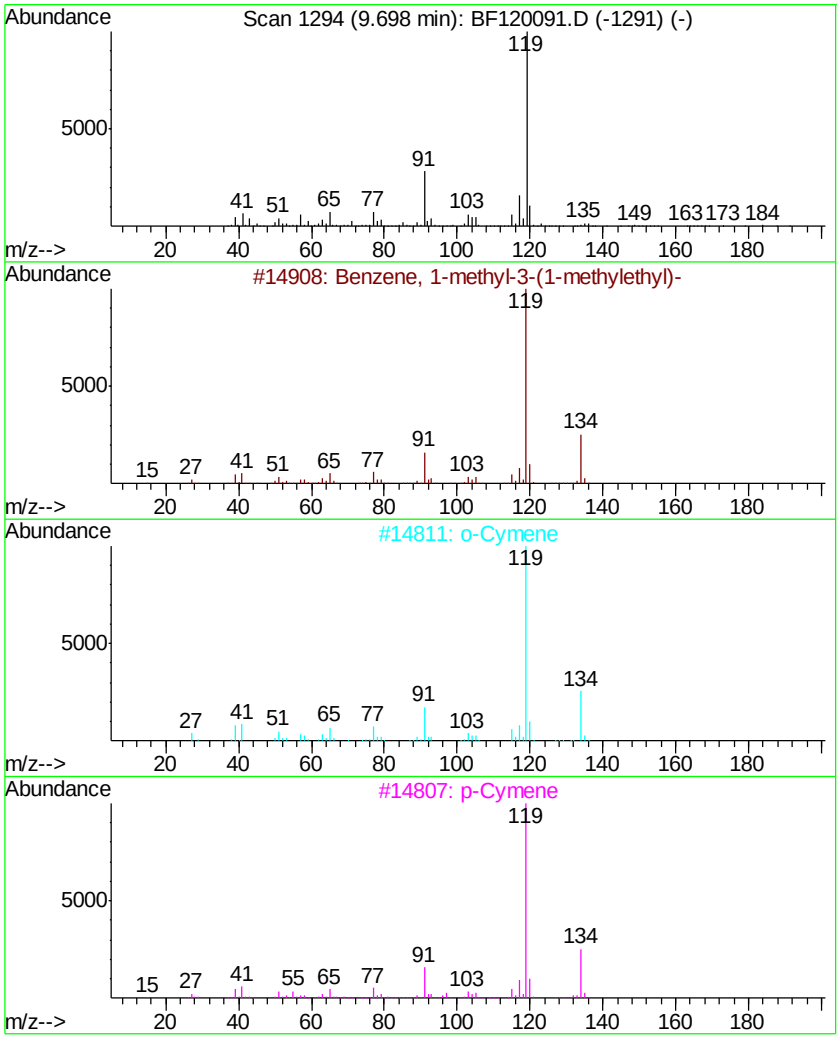
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

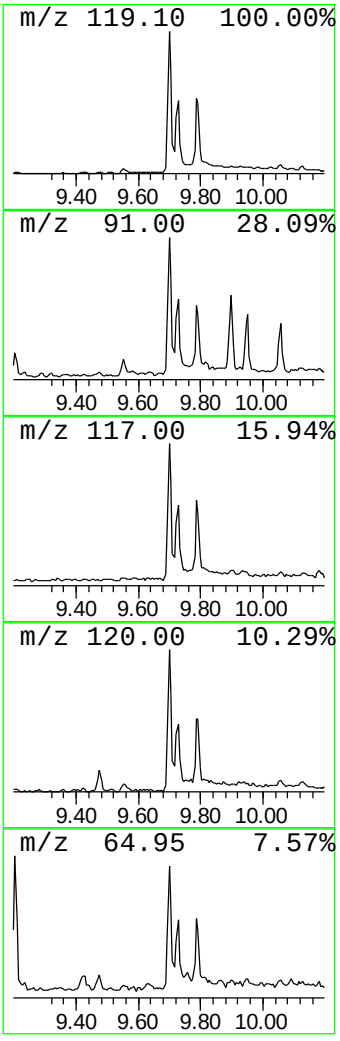
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	14.03 ng	871621	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	o-Cymene	134	C10H14	000527-84-4	87
3	p-Cymene	134	C10H14	000099-87-6	86
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	78
5	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	72





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Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

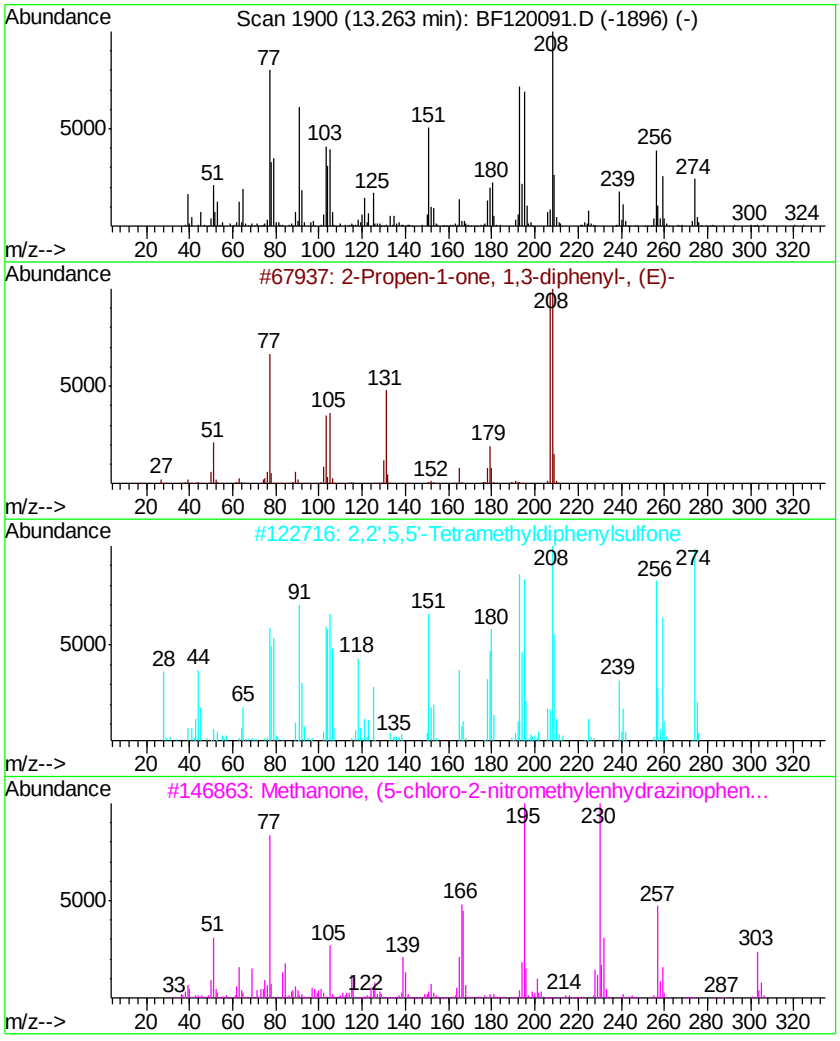
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

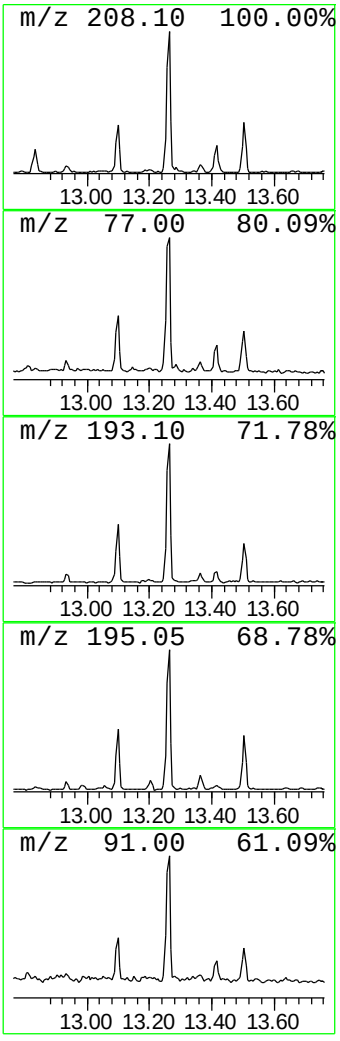
****

Peak Number 7 unknown13.26 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	16.55 ng	856371	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1,3-diphenyl-, (E)-	208	C15H12O	000614-47-1	46
2	2,2',5,5'-Tetramethyldiphenylsul...	274	C16H18O2S	006632-44-6	42
3	Methanone, (5-chloro-2-nitrometh...	303	C14H10ClN3O3	1000276-25-6	35
4	4H-3,1-Benzoxazine, 2-phenyl-4-p...	251	C17H17NO	1000362-07-9	27
5	5-(4,5-Dihydro-3H-pyrrol-2-ylmet...	208	C11H16N2S	051430-88-7	22





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Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

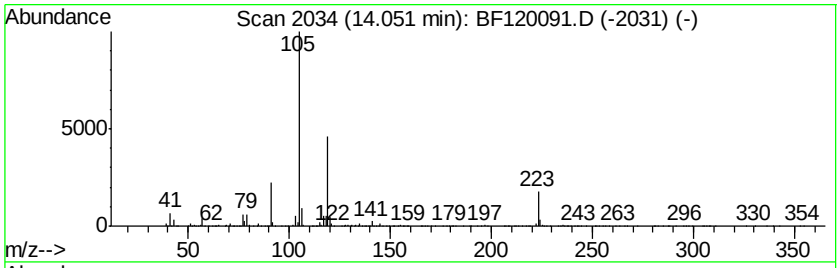
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

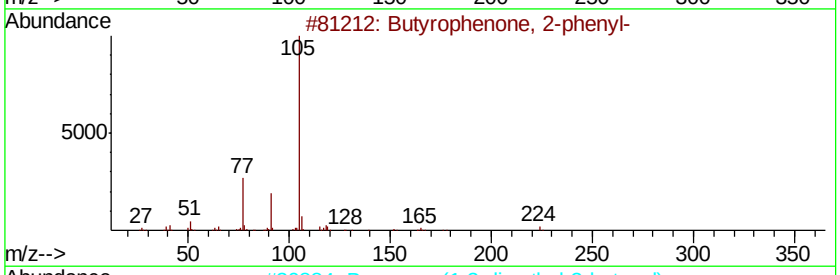
****

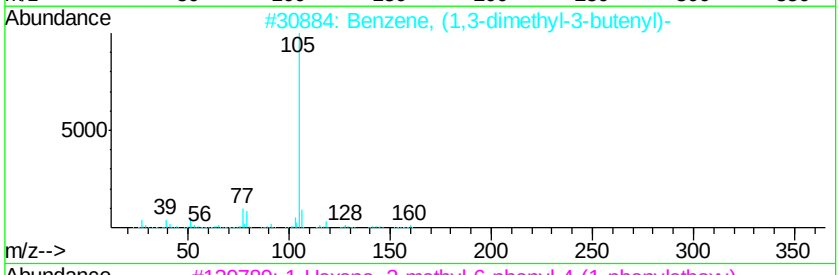
Peak Number 8 unknown14.05 Concentration Rank 4

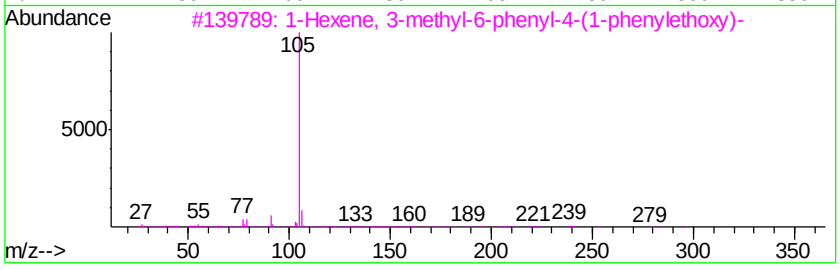
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	21.34 ng	1104580	Chrysene-d12	13.89

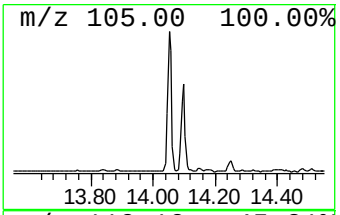
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyrophenone, 2-phenyl-	224	C16H16O	016282-16-9	30
2	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	22
3	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	10
4	1-Benzoyl-4-chloropiperidine	223	C12H14ClNO	090670-04-5	9
5	Valeric acid, 4-phenyl-	178	C11H14O2	016433-43-5	9

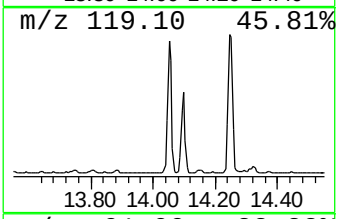


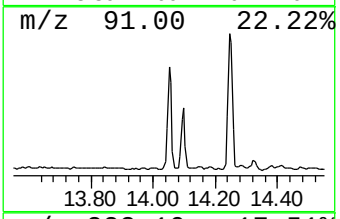


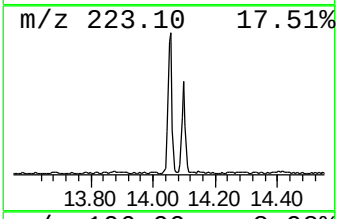


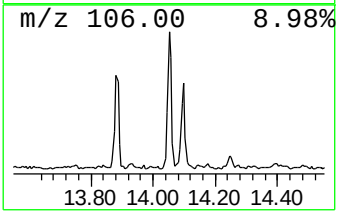












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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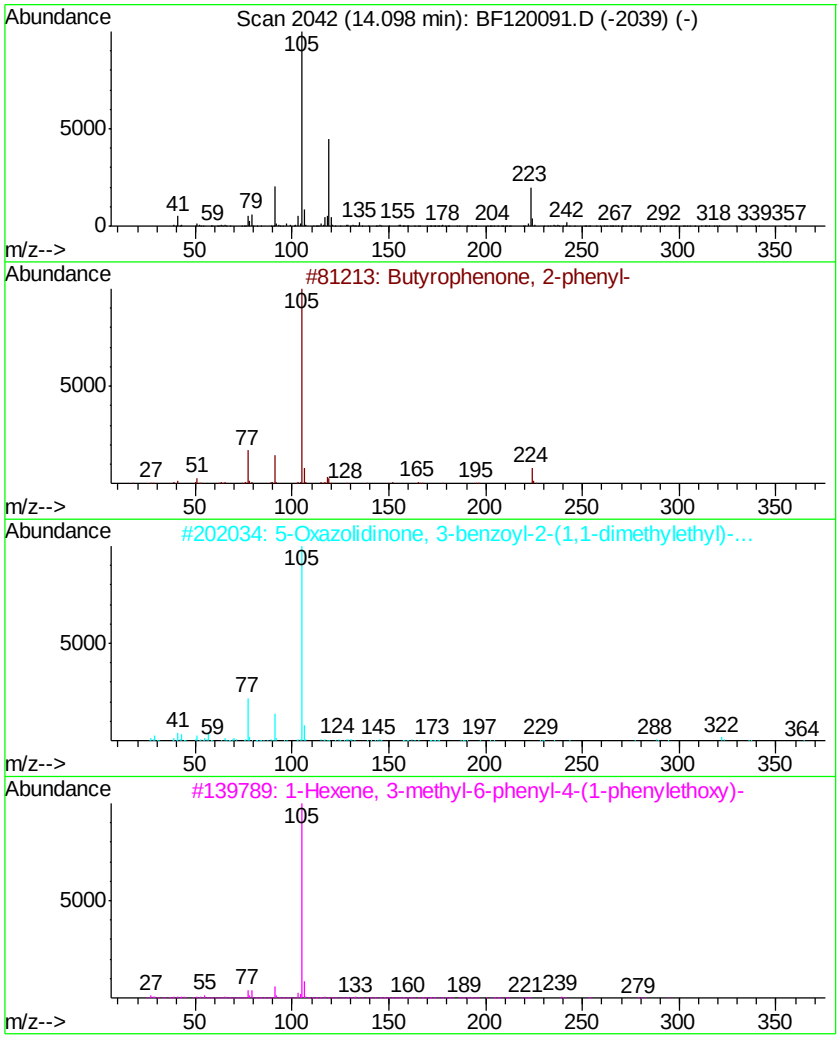
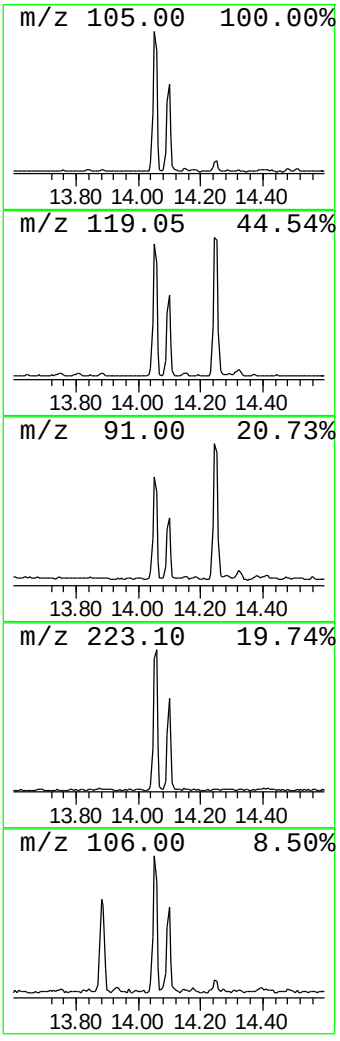
Peak Number 9 unknown14.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	10.62 ng	549720	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyrophenone, 2-phenyl-	224	C16H16O	016282-16-9	14
2	5-Oxazolidinone, 3-benzoyl-2-(1,...	379	C24H29NO3	104057-77-4	10
3	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	10
4	1-Benzoyl-4-chloropiperidine	223	C12H14ClNO	090670-04-5	9
5	Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	9





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Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

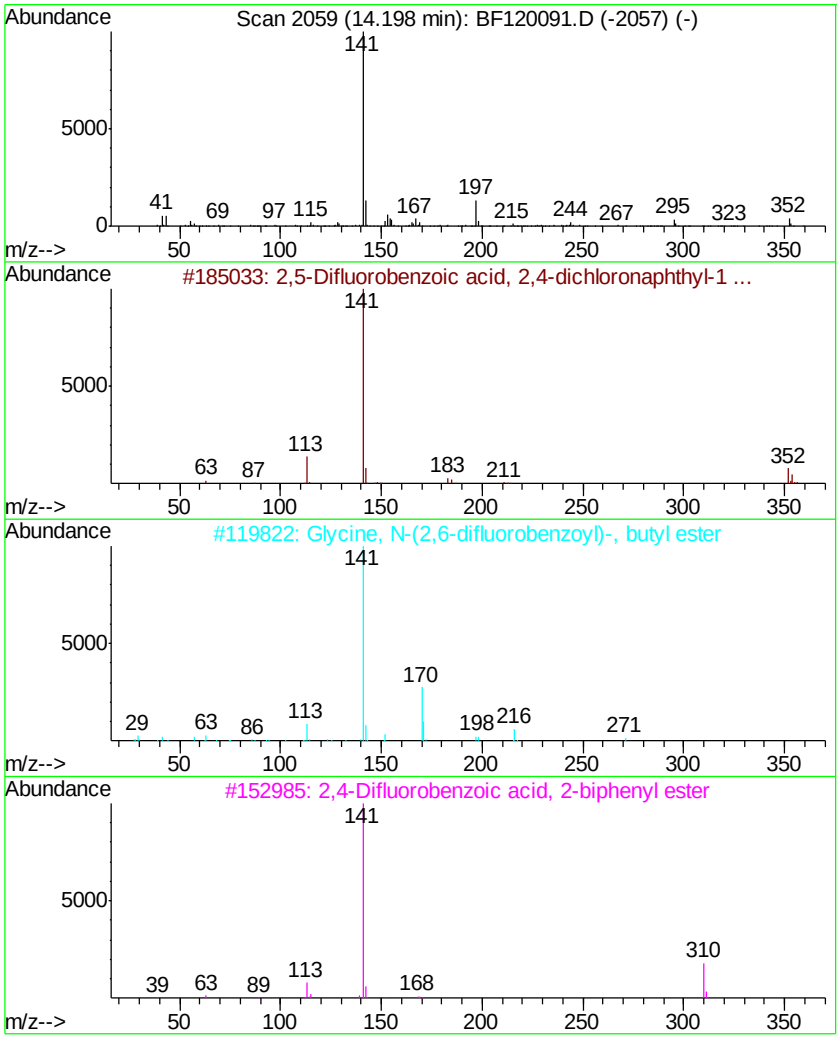
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

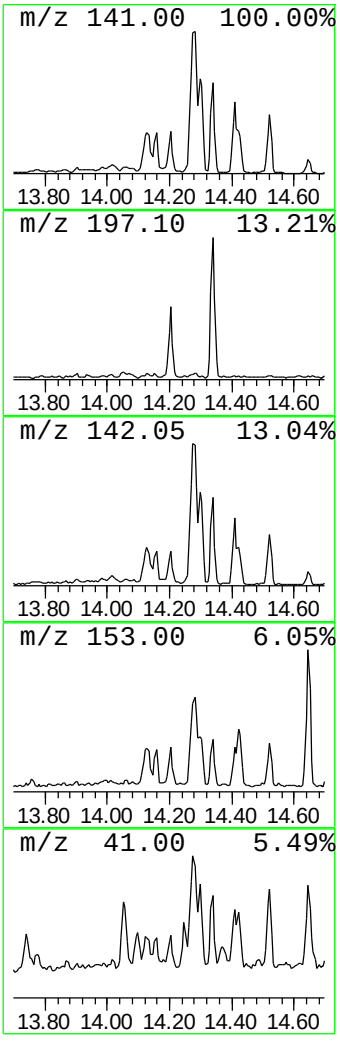
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,5-Difluorobenzoic acid, 2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	9.40 ng	486500	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-56-9	59
2	Glycine, N-(2,6-difluorobenzoyl)...	271	C13H15F2NO3	1000314-44-0	38
3	2,4-Difluorobenzoic acid, 2-biph...	310	C19H12F2O2	1000331-58-3	36
4	Glycine, N-(2,6-difluorobenzoyl)...	341	C18H25F2NO3	1000314-44-6	36
5	Benzaldehyde, 4-(1-naphthalenylm...	262	C18H14O2	1000338-23-3	36





Library Search Compound Report

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Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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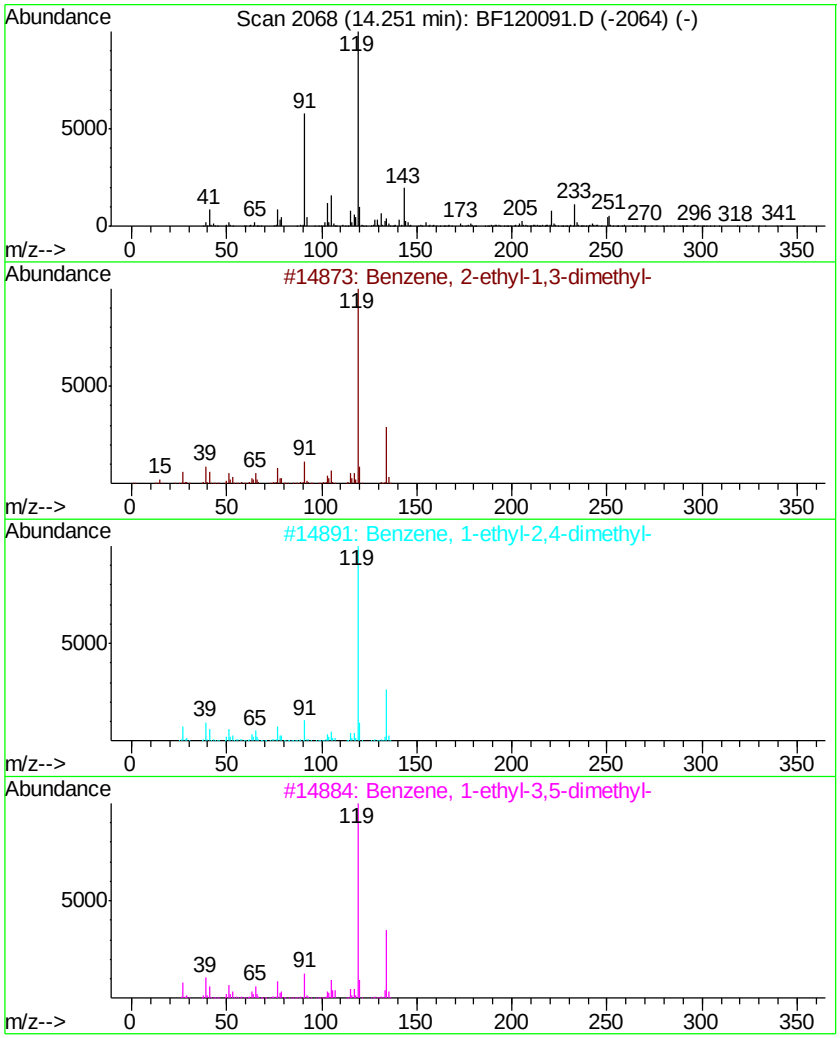
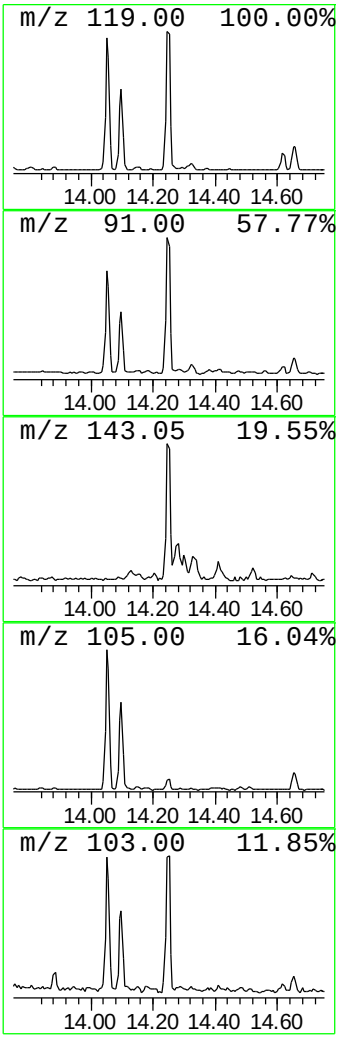
Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	14.65 ng	758333	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	52
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	52
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	52





Library Search Compound Report

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Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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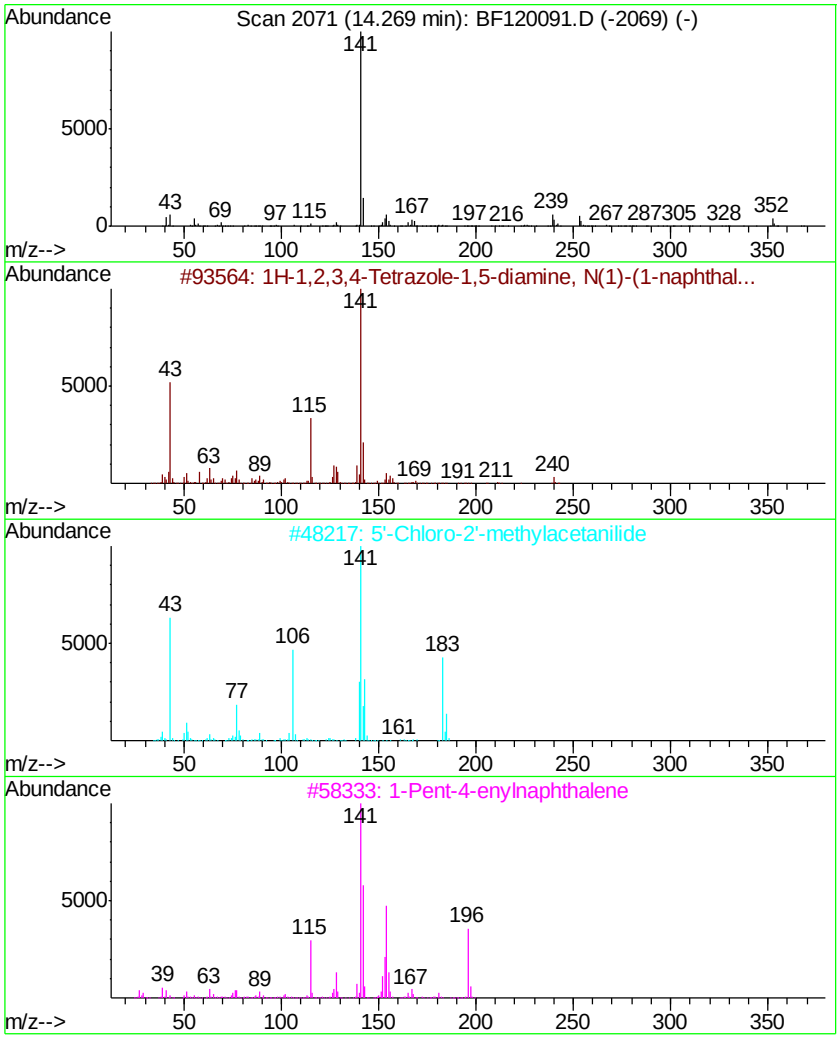
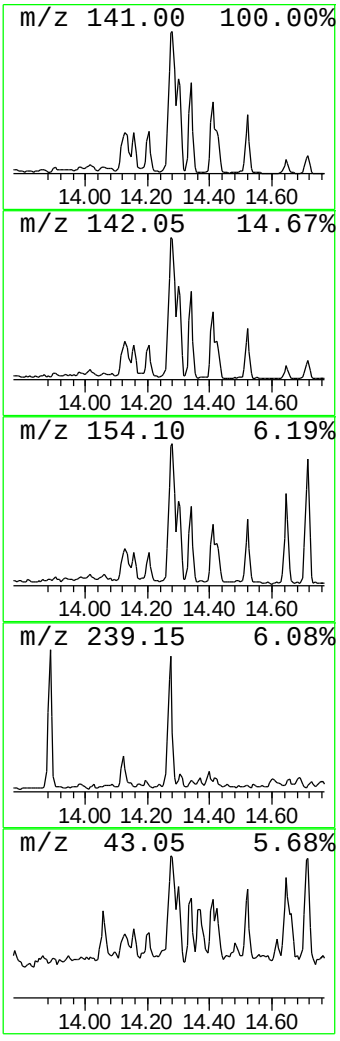
Peak Number 12 unknown14.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	39.81 ng	2060580	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,3,4-Tetrazole-1,5-diamine...	240	C12H12N6	1000337-84-1	38
2	5'-Chloro-2'-methylacetanilide	183	C9H10ClNO	005900-55-0	36
3	1-Pent-4-enylnaphthalene	196	C15H16	093359-74-1	10
4	Cyclohexanone, O-(1-naphthalenyl...	253	C17H19NO	055045-02-8	9
5	2,5-Difluorobenzoic acid, butyl ...	214	C11H12F2O2	1000338-80-2	9





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Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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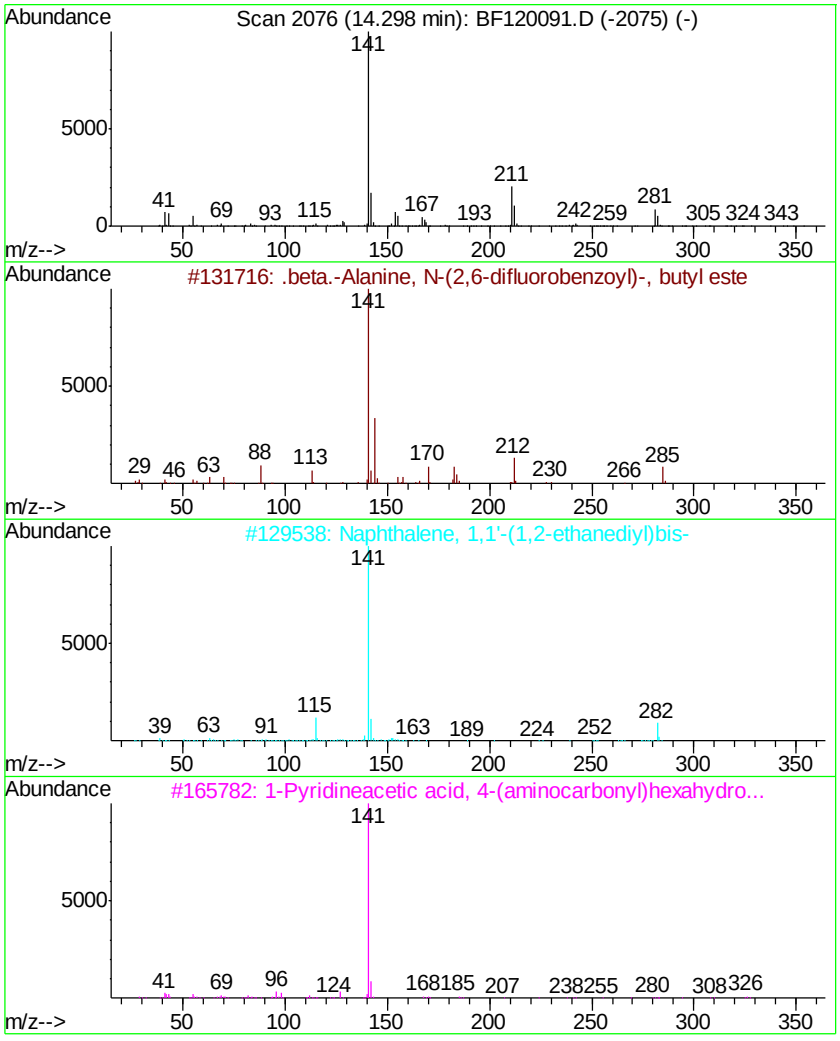
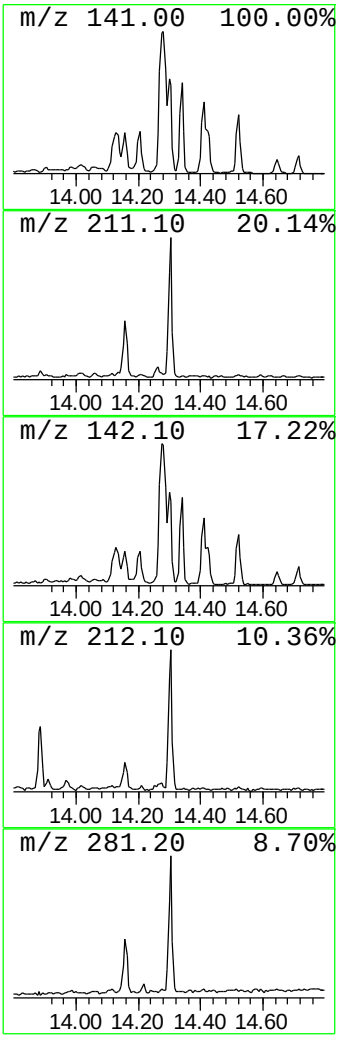
Peak Number 13 unknown14.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	18.03 ng	933420	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Alanine, N-(2,6-difluorob...	285	C14H17F2NO3	1000321-84-1	40
2	Naphthalene, 1,1'-(1,2-ethanediy...	282	C22H18	015374-45-5	40
3	1-Pyridineacetic acid, 4-(aminoc...	326	C18H34N2O3	1000319-12-3	28
4	Fumaric acid, 3-pentyl propyl ester	228	C12H20O4	1000330-39-4	28
5	Naphthalene, 1-hexyl-	212	C16H20	002876-53-1	10





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Sample : L2314-05
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Instrument : BNA_F
ClientSampleId : WB-4-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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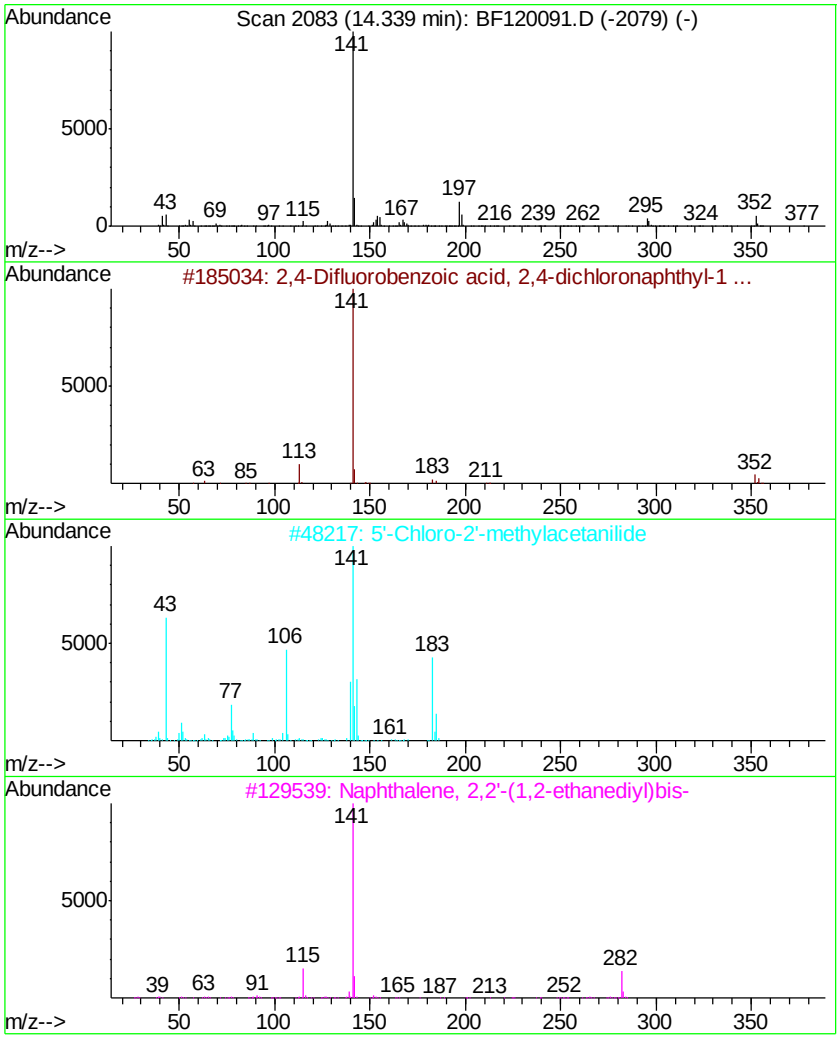
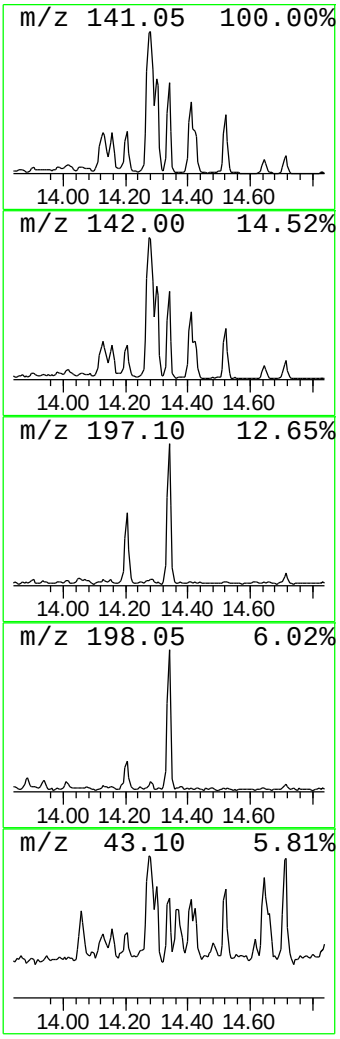
Peak Number 14 unknown14.34 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	19.03 ng	985123	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-58-5	38
2	5'-Chloro-2'-methylacetanilide	183	C9H10ClNO	005900-55-0	36
3	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	36
4	Imidazole, 2-trimethoxymethyl-	172	C7H12N2O3	070631-96-8	10
5	Naphthalene, 2-pyrrolidino-	197	C14H15N	013672-14-5	10





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Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

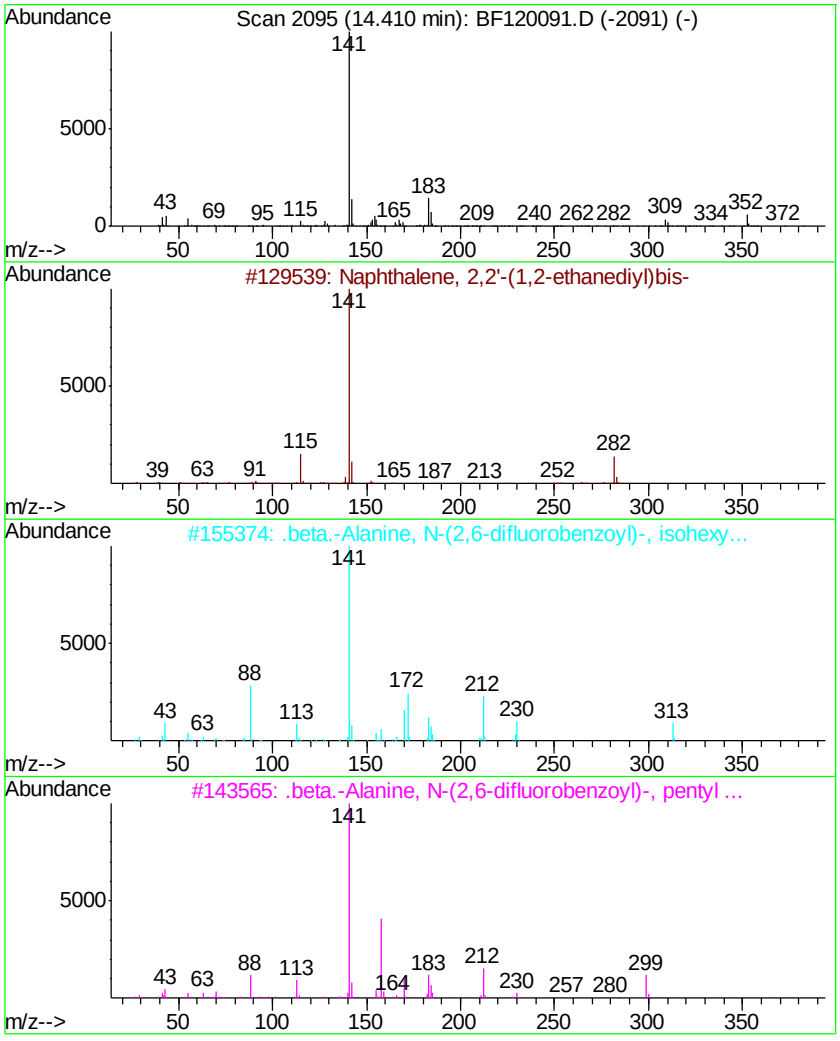
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

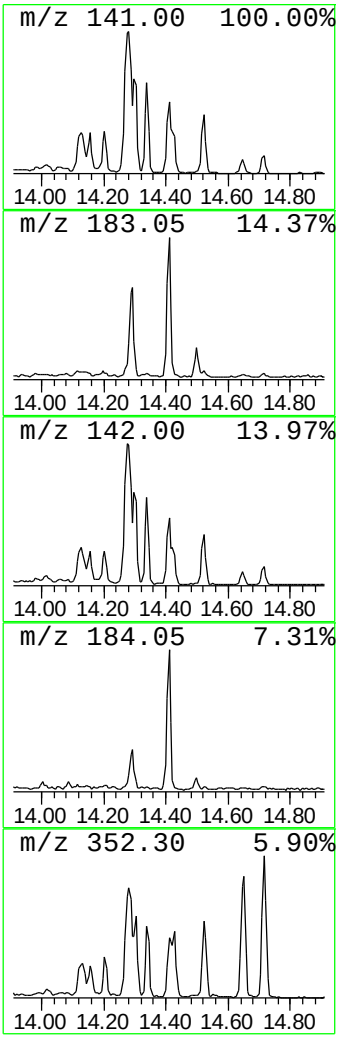
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,2'-(1,2-etha... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	16.52 ng	855155	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,2'-(1,2-ethanediv...	282	C22H18	021969-45-9	53
2	.beta.-Alanine, N-(2,6-difluorob...	313	C16H21F2NO3	1000321-84-3	40
3	.beta.-Alanine, N-(2,6-difluorob...	299	C15H19F2NO3	1000321-84-2	40
4	.beta.-Alanine, N-(2,6-difluorob...	285	C14H17F2NO3	1000321-84-1	40
5	Nonanoic acid, pentafluorophenyl...	324	C15H17F5O2	1000360-66-5	38





Library Search Compound Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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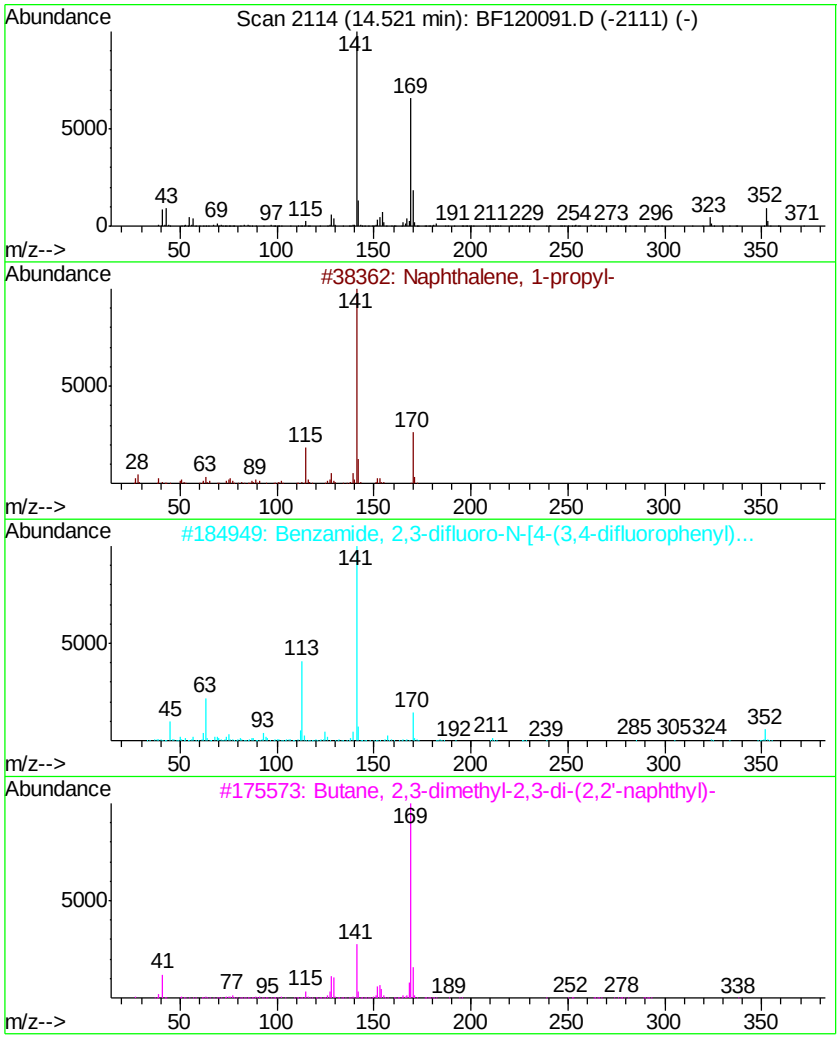
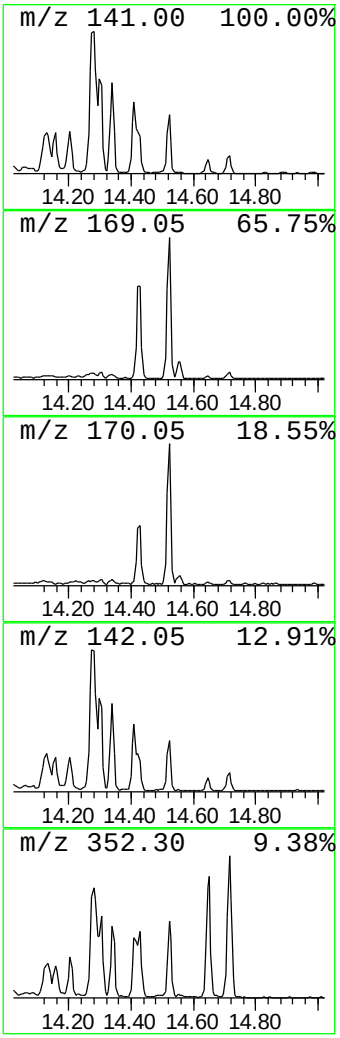
Peak Number 16 unknown14.52 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	18.82 ng	973927	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	49
2	Benzamide, 2,3-difluoro-N-[4-(3,...	352	C16H8F4N2OS	1000277-49-1	40
3	Butane, 2,3-dimethyl-2,3-di-(2,2...	338	C26H26	1000150-93-8	39
4	2,3-Difluoropropiophenone	170	C9H8F2O	1000342-82-9	37
5	3,5-Difluoropropiophenone	170	C9H8F2O	135306-45-5	37





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Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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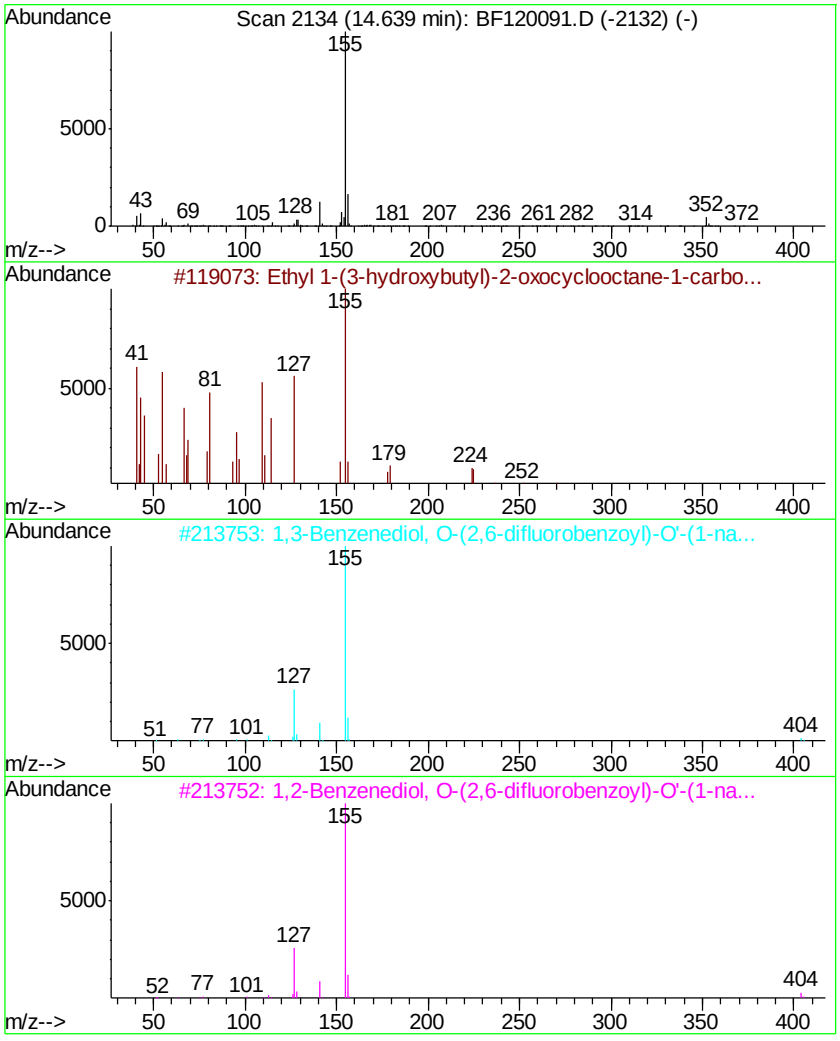
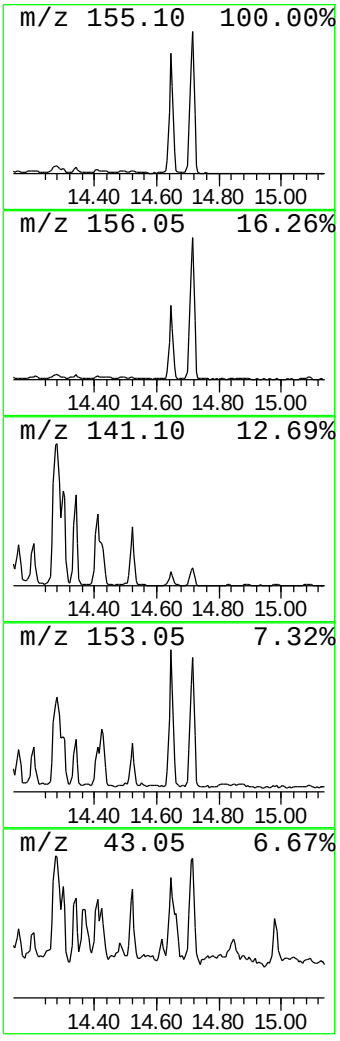
Peak Number 17 Ethyl 1-(3-hydroxybutyl)-2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	12.90 ng	1535090	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	53
2	1,3-Benzenediol, O-(2,6-difluoro...	404	C24H14F2O4	1000345-52-7	50
3	1,2-Benzenediol, O-(2,6-difluoro...	404	C24H14F2O4	1000329-74-5	39
4	1-Naphthoic acid, 2-propylphenyl...	290	C20H18O2	1000355-69-1	38
5	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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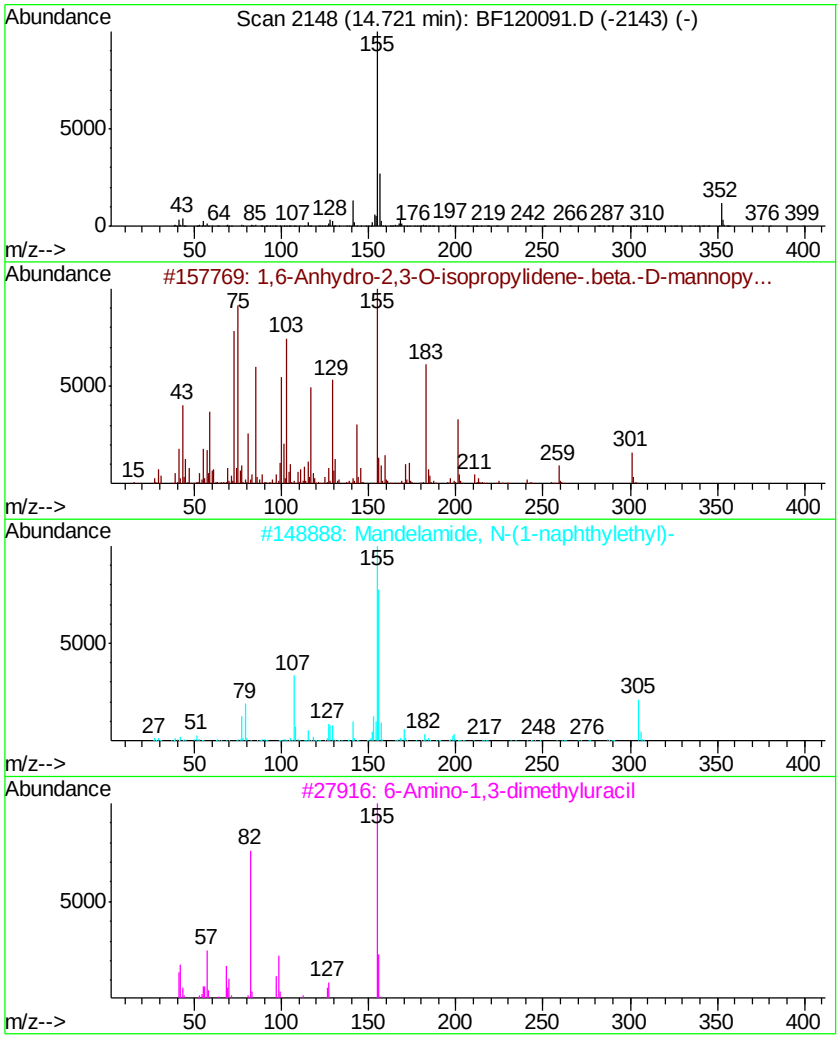
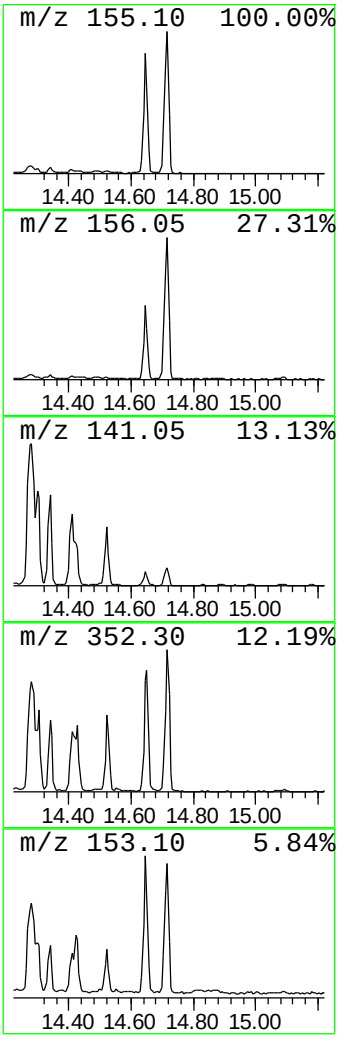
Peak Number 18 unknown14.72 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	14.87 ng	1769250	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-2,3-O-isopropylidene...	316	C15H28O5Si	1000364-42-4	14
2	Mandelamide, N-(1-naphthylethyl)-	305	C20H19NO2	344875-77-0	10
3	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	9
4	Propanedioic acid, (1-ethylbutyl...	214	C11H18O4	092747-24-5	9
5	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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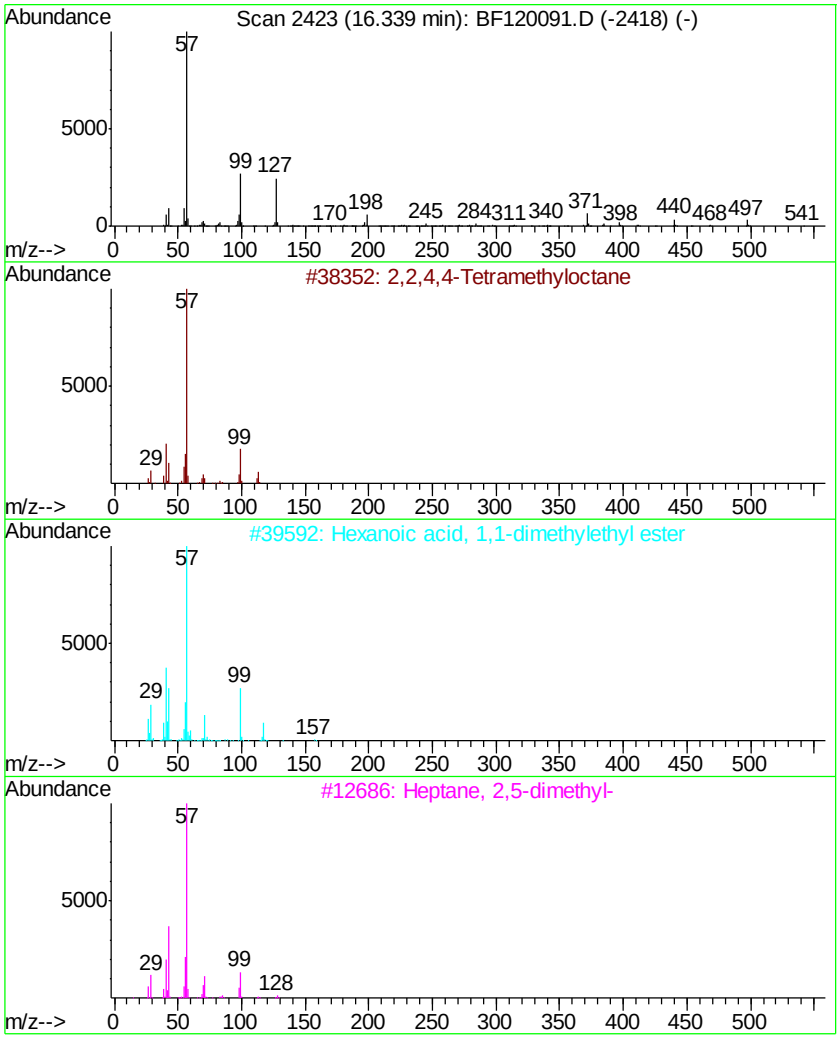
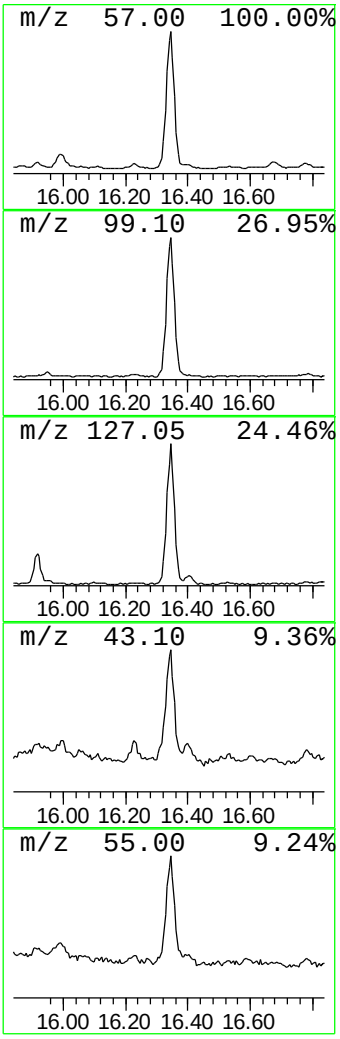
Peak Number 19 unknown16.34 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	15.95 ng	1897460	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	25
2	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	25
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	12
4	Heptane, 2-iodo-	226	C7H15I	018589-29-2	10
5	3-(E)-Hepten-2-one, (5S)-5-[(t-b...	241	C13H23NO3	1000164-06-5	9





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Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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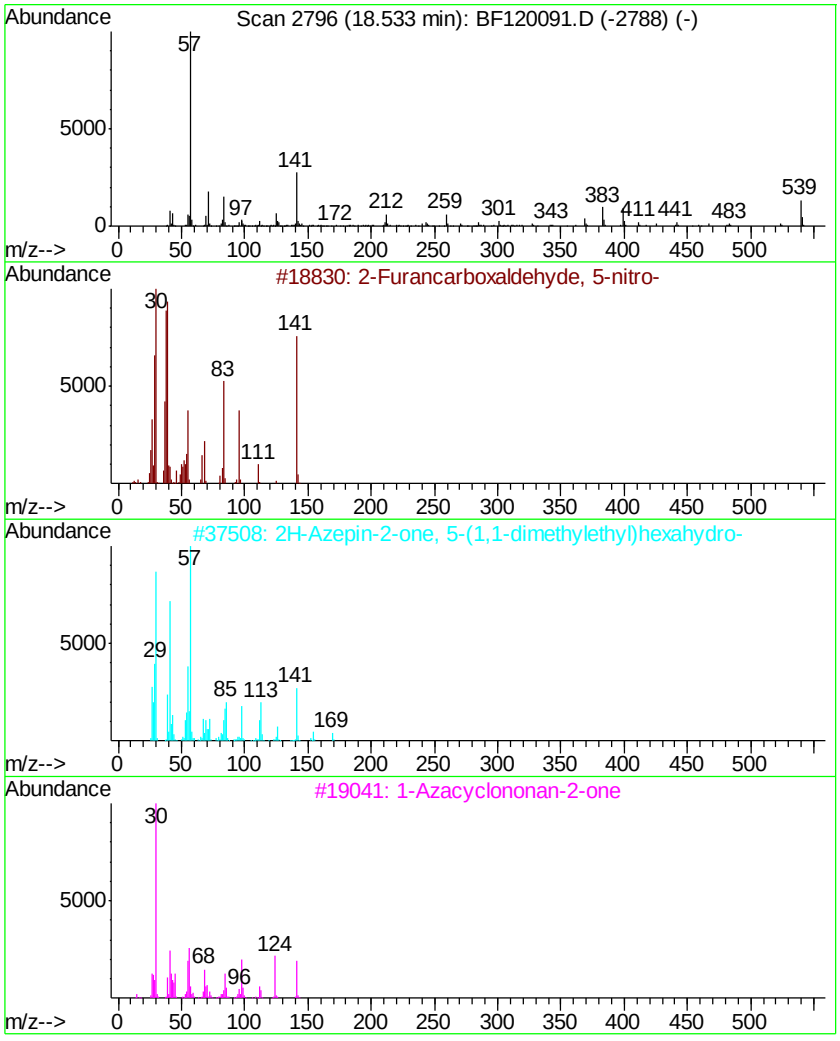
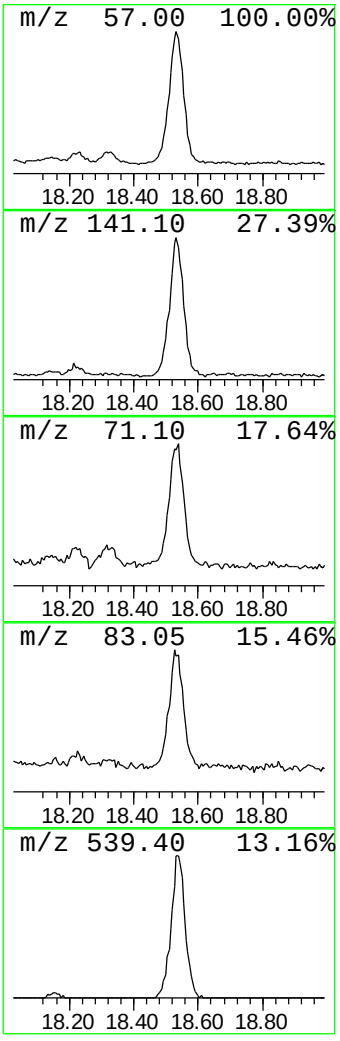
Peak Number 20 unknown18.53 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	10.62 ng	1263590	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxaldehyde, 5-nitro-	141	C5H3NO4	000698-63-5	7
2	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	2
3	1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	1
4	Methane, chlorotrinitro-	185	CClN3O6	001943-16-4	1
5	Trihydroxyphenethylamine, 3,4,5-	169	C8H11NO3	001927-04-4	1





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042020\
Data File : BF120091.D
Acq On : 20 Apr 2020 21:24
Operator : MA/SJ
Sample : L2314-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-4-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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...	5.53	12.8	ng	598757	1	6.71	937622	20.0
Benzene, 1-etheny...	6.55	19.6	ng	916408	1	6.71	937622	20.0
Indene	6.97	14.1	ng	662721	1	6.71	937622	20.0
Benzene, (1-nitro...	9.20	24.9	ng	1546880	3	9.76	1242080	20.0
Benzene, 1-methyl...	9.70	14.0	ng	871621	3	9.76	1242080	20.0
unknown13.26	13.26	16.6	ng	856371	5	13.89	1035160	20.0
unknown14.05	14.05	21.3	ng	1104580	5	13.89	1035160	20.0
unknown14.10	14.10	10.6	ng	549720	5	13.89	1035160	20.0
2,5-Difluorobenzo...	14.20	9.4	ng	486500	5	13.89	1035160	20.0
Benzene, 2-ethyl-...	14.25	14.7	ng	758333	5	13.89	1035160	20.0
unknown14.27	14.27	39.8	ng	2060580	5	13.89	1035160	20.0
unknown14.30	14.30	18.0	ng	933420	5	13.89	1035160	20.0
unknown14.34	14.34	19.0	ng	985123	5	13.89	1035160	20.0
Naphthalene, 2,2'...	14.41	16.5	ng	855155	5	13.89	1035160	20.0
unknown14.52	14.52	18.8	ng	973927	5	13.89	1035160	20.0
Ethyl 1-(3-hydrox...	14.64	12.9	ng	1535090	6	15.31	2379760	20.0
unknown14.72	14.72	14.9	ng	1769250	6	15.31	2379760	20.0
unknown16.34	16.34	15.9	ng	1897460	6	15.31	2379760	20.0
unknown18.53	18.53	10.6	ng	1263590	6	15.31	2379760	20.0