LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118329.D
Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

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-BF122419.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	5.040	499	502	510	rBV	151246	165042	1.72%	0.251%
2	5.463	570	574	592	rBV	896136	958025	9.98%	1.456%
3	6.481	744	747	761	rBV	1081371	1115546	11.62%	1.696%
4	6.622	767	771	777	rBV	1323787	1142806	11.91%	1.737%
5	6.851	807	810	818	rVB	1000478	796496	8.30%	1.211%
6	7.004	833	836	848	rBV	1012266	900778	9.38%	1.369%
7	7.228	870	874	880	rBV	1304739	1339569	13.96%	2.036%
8	7.310	880	888	903	rVV	6390211	9598751	100.00%	14.592%
9	7.416	903	906	923	rVB	915117	938772	9.78%	1.427%
10	7.934	990	994	998	rBV	284531	265918	2.77%	0.404%
11	8.139	1025	1029	1032	rBV	1288211	1056839	11.01%	1.607%
12	8.334	1059	1062	1076	rVB	97074	130378	1.36%	0.198%
13	9.216	1208	1212	1214	rBV	1494250	1272565	13.26%	1.935%
14	9.239	1214	1216	1222	rVB	327526	303674	3.16%	0.462%
15	9.469	1250	1255	1257	rBV	76755	111769	1.16%	0.170%
16	9.557	1266	1270	1272	rBV	153908	133562	1.39%	0.203%
17	9.757	1301	1304	1308	rBV	292241	246730	2.57%	0.375%
18	9.898	1321	1328	1331	rBV	1409833	1157263	12.06%	1.759%
19	9.975	1337	1341	1350	rBV	196840	257249	2.68%	0.391%
20	10.104	1358	1363	1366	rBV2	132742	123148	1.28%	0.187%
21	10.445	1418	1421	1427	rVB2	143454	174236	1.82%	0.265%
22	10.692	1459	1463	1468	rBV	699111	696236	7.25%	1.058%
23	10.822	1479	1485	1488	rVB3	148452	158467	1.65%	0.241%
24	11.127	1532	1537	1539	rBV2	133307	175507	1.83%	0.267%
25	11.198	1546	1549	1553	rBV2	147472	159430	1.66%	0.242%
26	11.239	1553	1556	1559	rVV	120949	154644	1.61%	0.235%
27	11.286	1559	1564	1571	rVB	127149	157515	1.64%	0.239%
28	11.392	1578	1582	1584	rBV	2950994	2690565	28.03%	4.090%
29	11.416	1584	1586	1590	rVV	1784272	1409750	14.69%	2.143%
30	11.469	1592	1595	1597	rVV	517888	413218	4.30%	0.628%
31	11.492	1597	1599	1604	rVB2	191398	190989	1.99%	0.290%
32	11.574	1610	1613	1616	rVB	679753	545792	5.69%	0.830%
33	11.898	1663	1668	1670	rBV2	367376	433908	4.52%	0.660%
34	11.922	1670	1672	1676	rVB	465872	422234	4.40%	0.642%

LSC Area Percent Report

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Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.980	1677	1682	1684	rBV2	479049	577484	6.02%	0.878%
36	12.010	1684	1687	1689	rVV	415460	452134	4.71%	0.687%
37	12.027	1689	1690	1693	rVV	185851	143876	1.50%	0.219%
38	12.080	1697	1699	1702	rVB	232106	177854	1.85%	0.270%
39	12.192	1715	1718	1720	rBV	233422	195773	2.04%	0.298%
40	12.222	1720	1723	1725	rVV2	188722	164516	1.71%	0.250%
41	12.251	1725	1728	1734	rVB3	145923	186429	1.94%	0.283%
42	12.339	1739	1743	1745	rBV2	128557	144744	1.51%	0.220%
43	12.363	1745	1747	1751	rVB3	130281	171035	1.78%	0.260%
44	12.445	1757	1761	1764	rBV	265558	296139	3.09%	0.450%
45	12.539	1774	1777	1780	rBV2	251005	253409	2.64%	0.385%
46	12.616	1785	1790	1793	rBV	3183001	2801048	29.18%	4.258%
47	12.704	1803	1805	1808	rVV	232295	208241	2.17%	0.317%
48	12.786	1817	1819	1823	rVB3	149735	160132	1.67%	0.243%
49	12.845	1826	1829	1834	rVV	2621317	2524937	26.30%	3.838%
50	12.892	1834	1837	1842	rVB2	218376	266412	2.78%	0.405%
51	12.980	1849	1852	1854	rVB	1075178	850517	8.86%	1.293%
52	13.004	1854	1856	1860	rVB2	144124	143980	1.50%	0.219%
53	13.057	1860	1865	1870	rBV3	354966	635239	6.62%	0.966%
54	13.145	1877	1880	1882	rBV2	273980	346620	3.61%	0.527%
55	13.168	1882	1884	1887	rVB	360061	350699	3.65%	0.533%
56	13.216	1887	1892	1894	rBV	493087	510076	5.31%	0.775%
57	13.245	1894	1897	1899	rVV2	559701	603580	6.29%	0.918%
58	13.274	1899	1902	1906	rVV2	533459	715577	7.45%	1.088%
59	13.333	1909	1912	1914	rVV	143343	153666	1.60%	0.234%
60	13.368	1915	1918	1921	rVV	302836	327715	3.41%	0.498%
61	13.398	1921	1923	1930	rVV3	246192	424410	4.42%	0.645%
62	13.463	1932	1934	1940	rVB3	147981	204636	2.13%	0.311%
63	13.551	1946	1949	1951	rBV3	106619	134141	1.40%	0.204%
64	13.651	1963	1966	1969	rVV	1231727	1070512	11.15%	1.627%
65	13.686	1969	1972	1975	rVV	600699	571490	5.95%	0.869%
66	13.716	1975	1977	1979	rVV3	131090	123727	1.29%	0.188%
67	13.739	1979	1981	1984	rVV2	123776	162177	1.69%	0.247%
68	13.792	1987	1990	1993	rVV	403528	513094	5.35%	0.780%
69	13.821	1993	1995	1997	rVV	511536	484859	5.05%	0.737%
70	13.845	1997	1999	2003	rVV2	307755	467342	4.87%	0.710%
71	13.880	2003	2005	2006	rVV2	428407	360117	3.75%	0.547%

LSC Area Percent Report

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Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.898	2006	2008	2014	rVB	468117	417325	4.35%	0.634%
73	13.980	2020	2022	2025	rVB3	163945	141388	1.47%	0.215%
74	14.045	2028	2033	2036	rBV2	2383948	3450633	35.95%	5.246%
75	14.074	2036	2038	2046	rVB	1807474	1771453	18.46%	2.693%
76	14.157	2049	2052	2054	rBV	180443	170810	1.78%	0.260%
77	14.198	2056	2059	2062	rBV	307599	320942	3.34%	0.488%
78	14.274	2068	2072	2075	rBV3	206506	285981	2.98%	0.435%
79	14.363	2084	2087	2090	rVB3	107602	136038	1.42%	0.207%
80	14.398	2090	2093	2095	rBV2	158216	155768	1.62%	0.237%
81	14.433	2095	2099	2102	rVV	553763	600058	6.25%	0.912%
82	14.468	2102	2105	2109	rBV	289708	233653	2.43%	0.355%
83	14.533	2109	2116	2118	rBV3	187090	363107	3.78%	0.552%
84	14.563	2118	2121	2123	rBV2	203335	184963	1.93%	0.281%
85	14.757	2151	2154	2155	rVV2	121192	116178	1.21%	0.177%
86	14.774	2155	2157	2162	rVB	268800	289168	3.01%	0.440%
87	14.851	2167	2170	2172	rVV	256971	315709	3.29%	0.480%
88	14.874	2172	2174	2177	rVV	299579	302643	3.15%	0.460%
89	14.933	2181	2184	2189	rVB2	199914	289178	3.01%	0.440%
90	15.110	2209	2214	2216	rBV	1399165	2113798	22.02%	3.213%
91	15.180	2223	2226	2229	rBV	279061	329685	3.43%	0.501%
92	15.210	2229	2231	2235	rVB	300329	300755	3.13%	0.457%
93	15.415	2262	2266	2272	rVV	660697	841024	8.76%	1.279%
94	15.480	2272	2277	2282	rVB	1001065	1245057	12.97%	1.893%
95	15.539	2283	2287	2290	rVV	597220	677205	7.06%	1.029%
96	15.568	2290	2292	2299	rVB2	270709	361954	3.77%	0.550%
97	16.615	2466	2470	2474	rBV	220621	336909	3.51%	0.512%
98	17.045	2537	2543	2551	rVB2	346556	697127	7.26%	1.060%
99	17.498	2616	2620	2627	rVB	220074	393057	4.09%	0.598%
100	18.486	2780	2788	2797	rVB	492146	1263520	13.16%	1.921%

Sum of corrected areas: 65780794

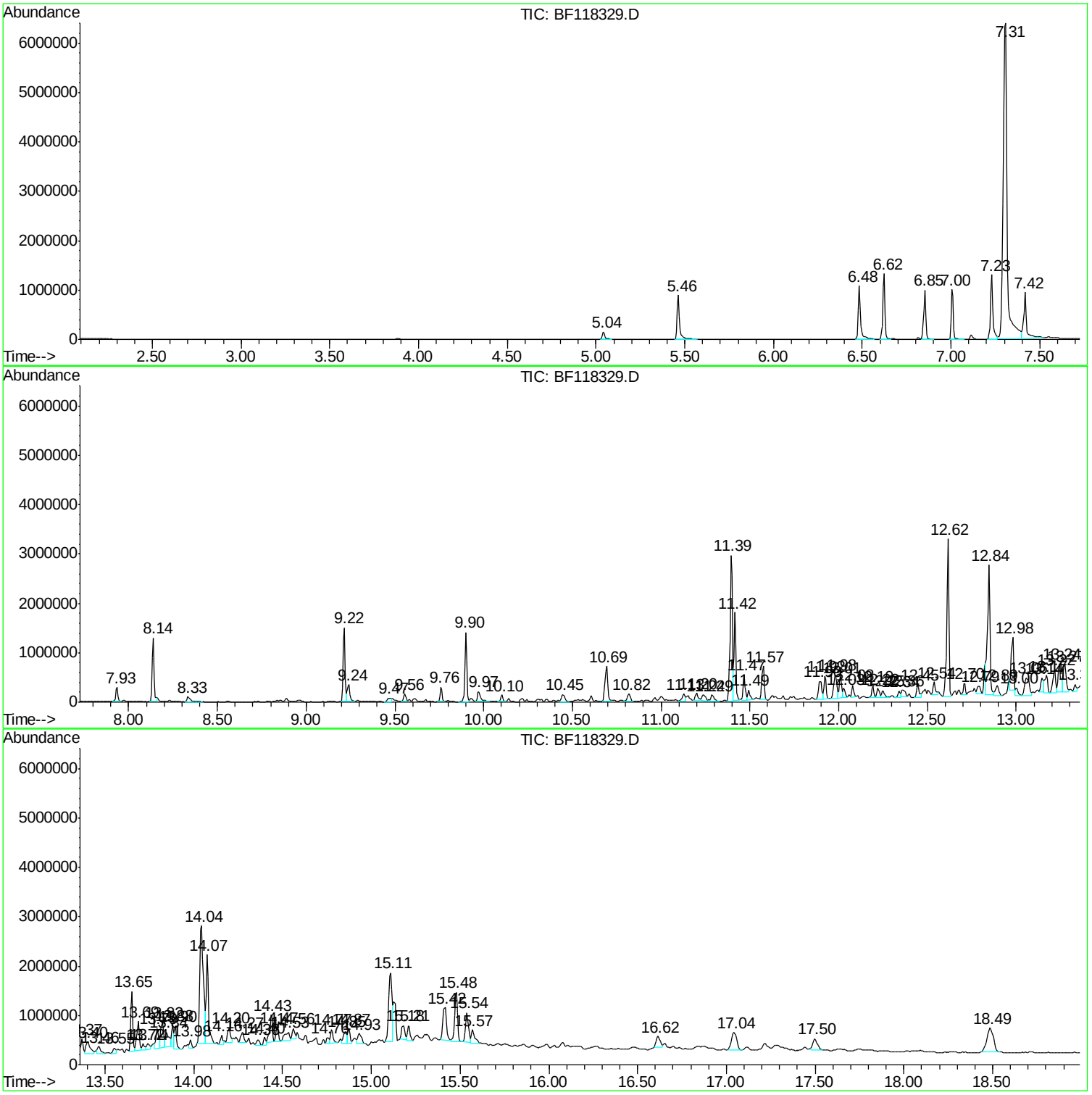
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118329.D
Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF122619\
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Acq On : 26 Dec 2019 21:11
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Sample : K6396-08 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

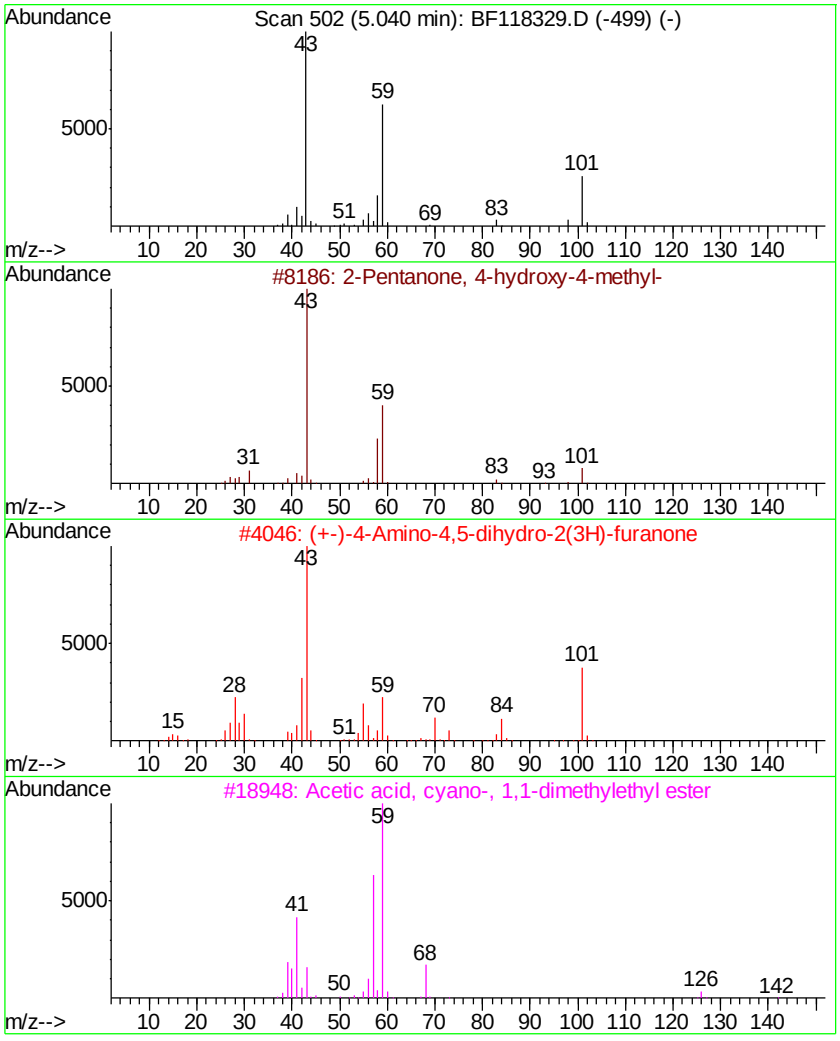
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

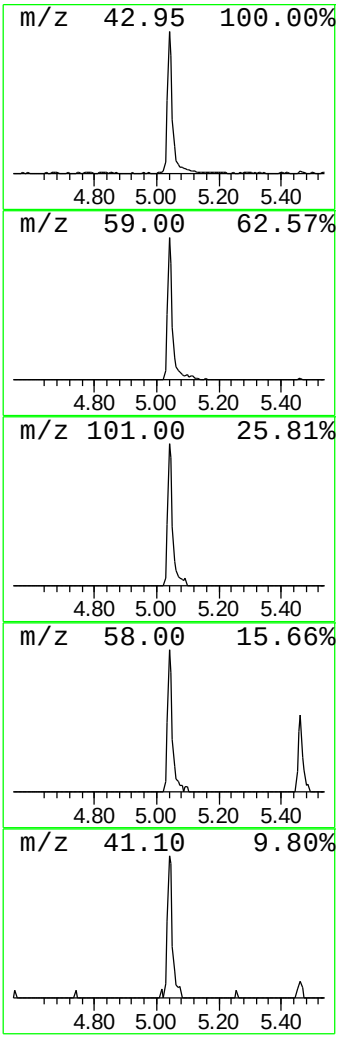
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	4.14 ng	165042	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

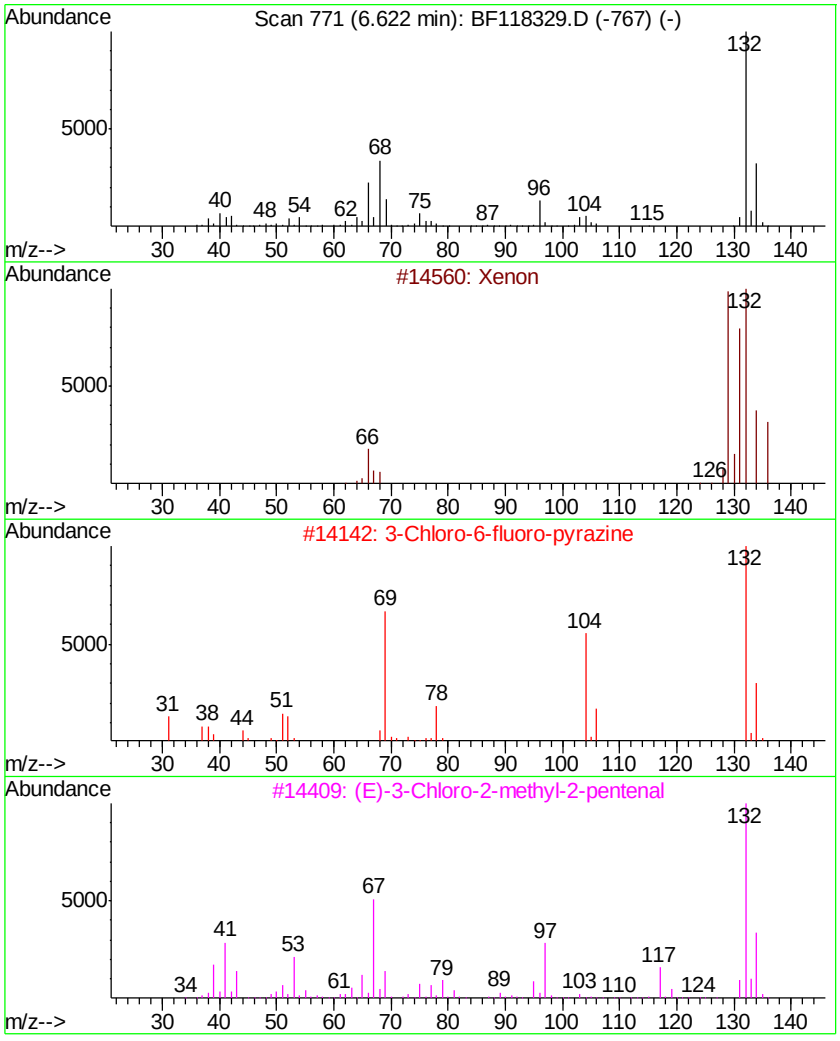
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

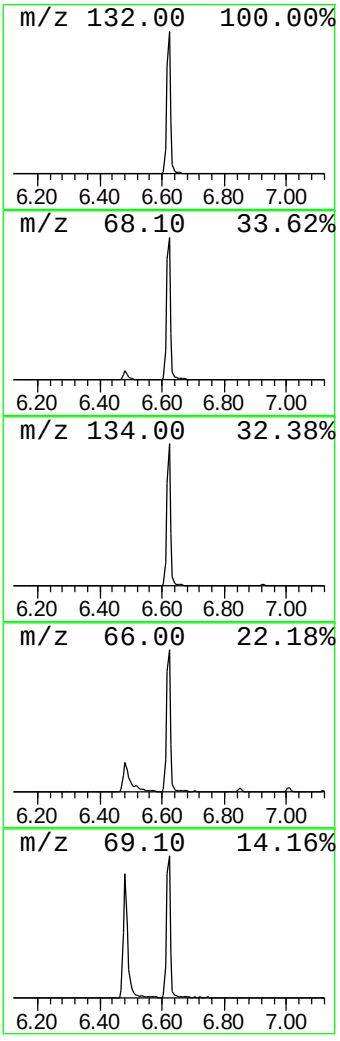
****

Peak Number 2 Xenon Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	28.70 ng	1142810	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	50
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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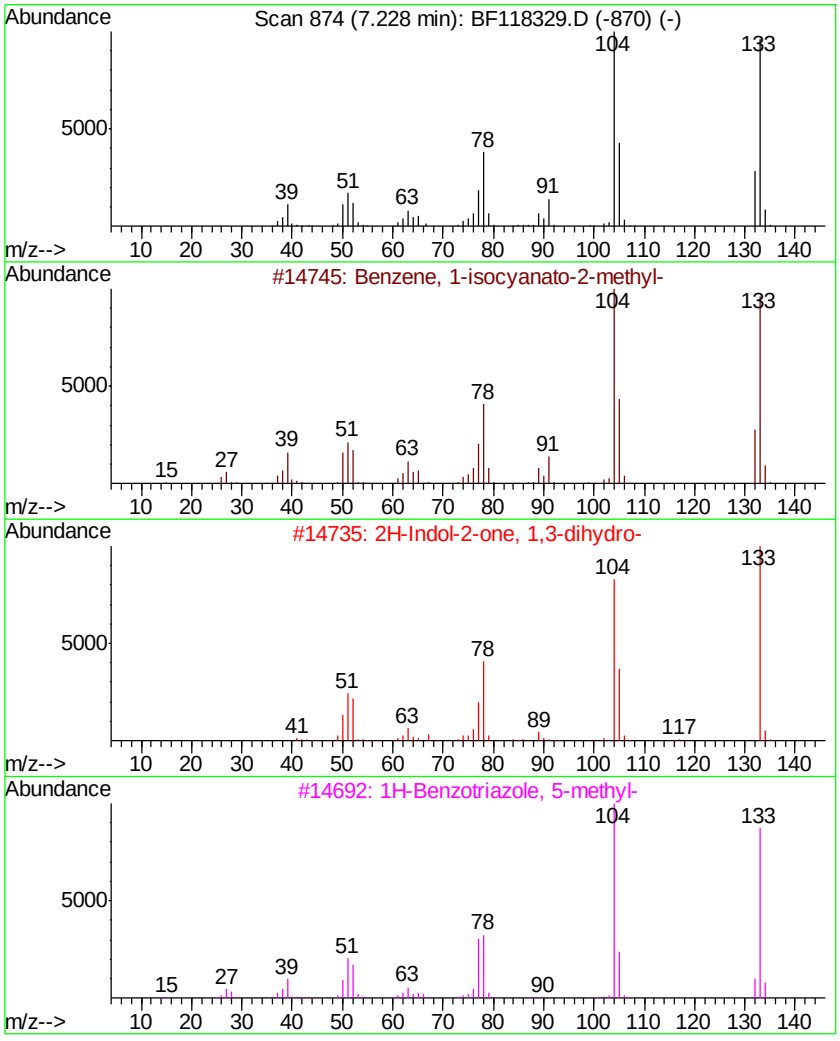
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

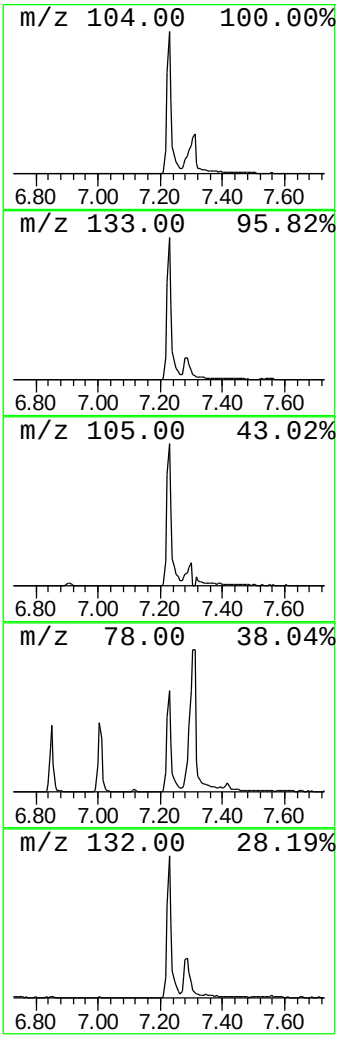
****

Peak Number 4 Benzene, 1-isocyanato-2-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	33.64 ng	1339570	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	98
2	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	93
3	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	90
4	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	90
5	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	86





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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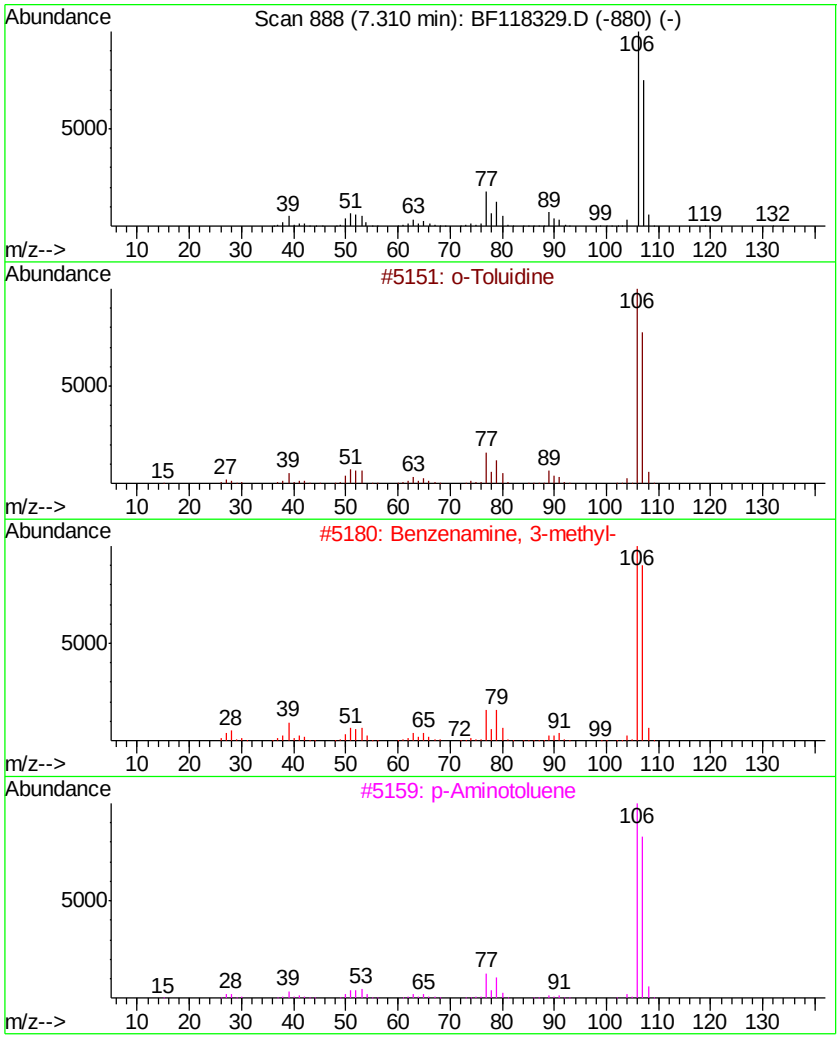
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

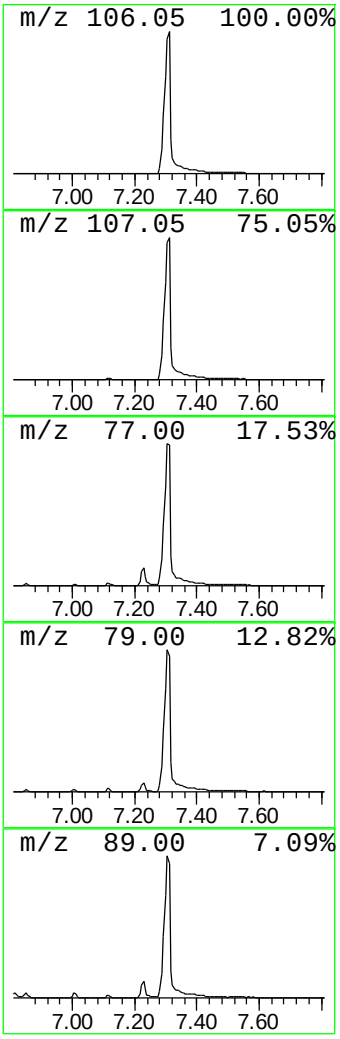
****

Peak Number 5 o-Toluidine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	241.02 ng	9598750	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Toluidine	107	C7H9N	000095-53-4	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
3	p-Aminotoluene	107	C7H9N	000106-49-0	94
4	Aniline, N-methyl-	107	C7H9N	000100-61-8	87
5	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	80





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Data File : BF118329.D
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Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

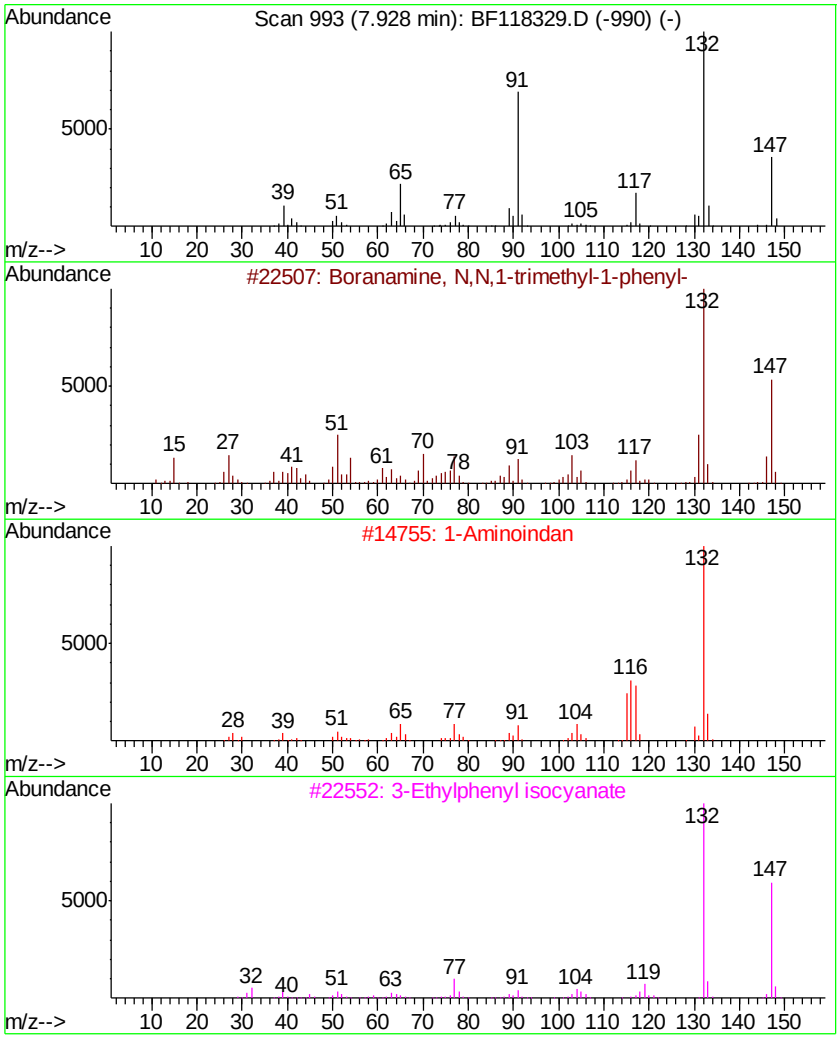
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

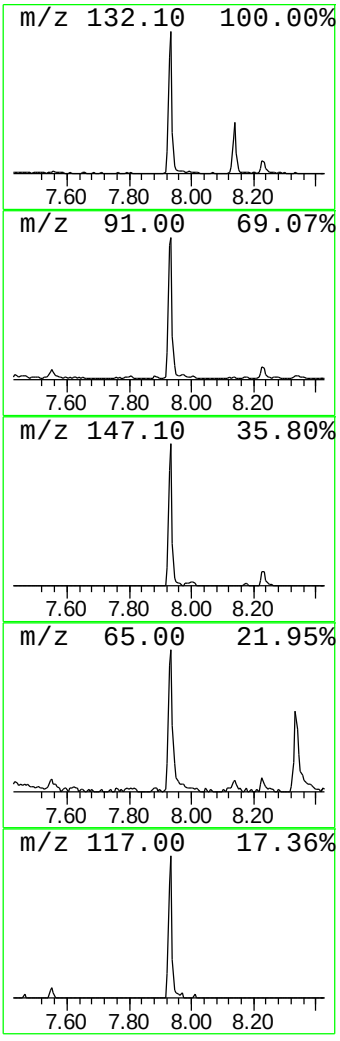
****

Peak Number 6 Boranamine, N,N,1-trimethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	5.03 ng	265918	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boranamine, N,N,1-trimethyl-1-ph...	147	C9H14BN	003519-71-9	64
2	1-Aminoindan	133	C9H11N	034698-41-4	53
3	3-Ethylphenyl isocyanate	147	C9H9NO	023138-58-1	53
4	4-Ethylphenyl isocyanate	147	C9H9NO	023138-50-3	50
5	Amphetaminil	250	C17H18N2	017590-01-1	50





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Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

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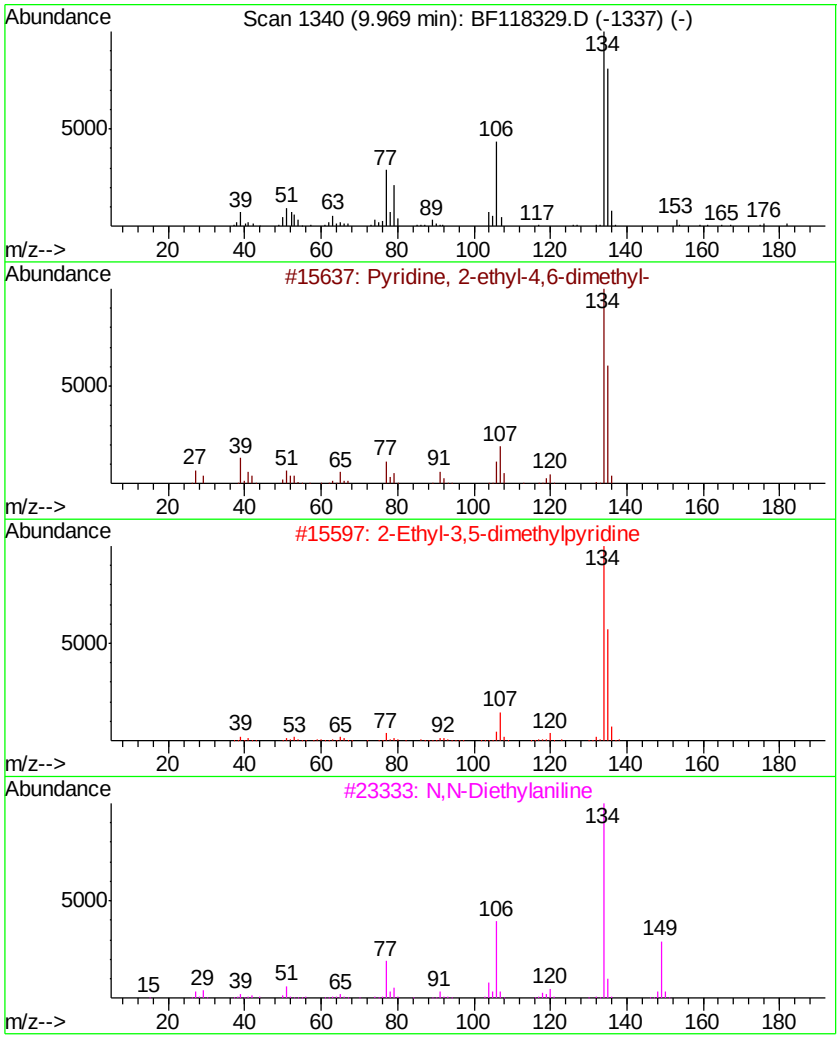
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

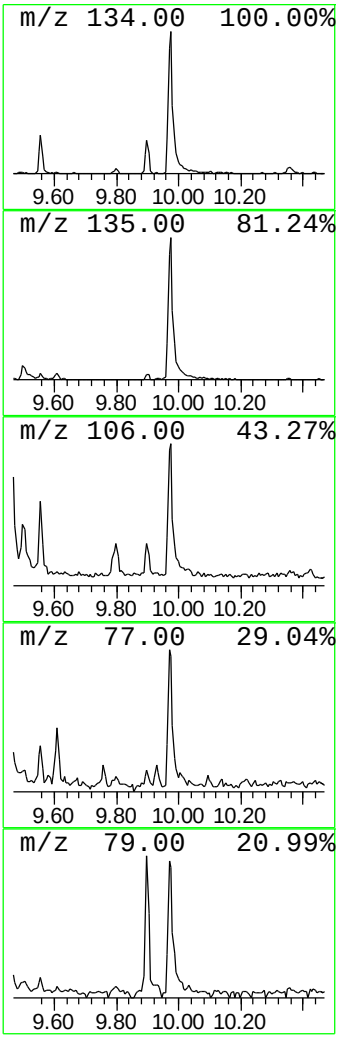
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pyridine, 2-ethyl-4,6-dimet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	4.45 ng	257249	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-ethyl-4,6-dimethyl-	135	C9H13N	001124-35-2	59
2	2-Ethyl-3,5-dimethylpyridine	135	C9H13N	001123-96-2	53
3	N,N-Diethylaniline	149	C10H15N	000091-66-7	50
4	3-Pyridinecarbonitrile, 1,4-dihy...	134	C7H6N2O	000767-98-6	43
5	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	43





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Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

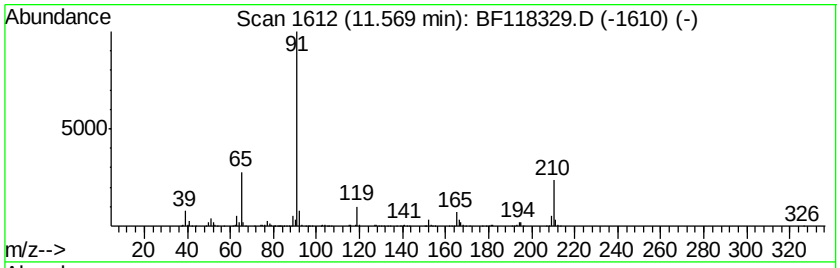
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

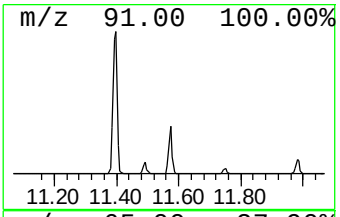
****

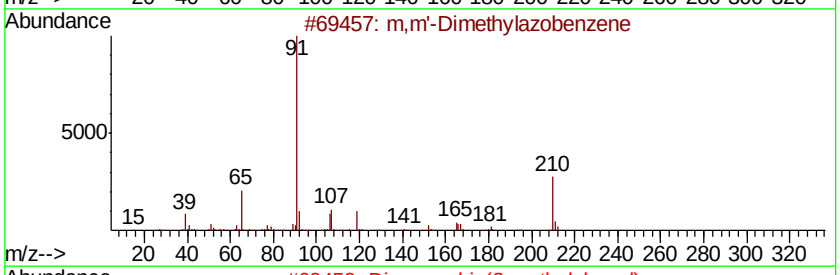
Peak Number 8 m,m'-Dimethylazobenzene Concentration Rank 18

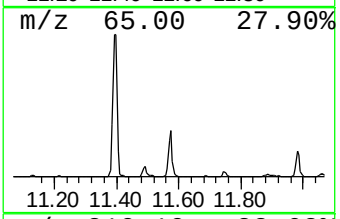
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.06 ng	545792	Phenanthrene-d10	11.39

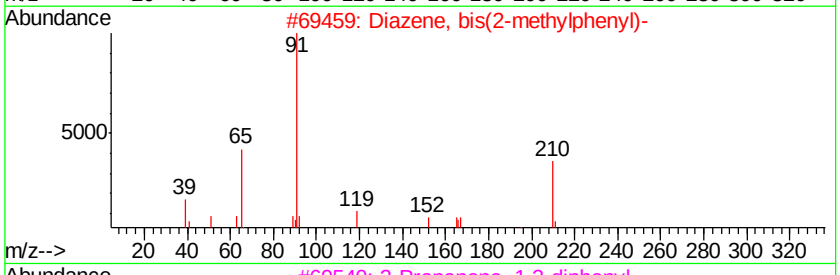
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,m'-Dimethylazobenzene	210	C14H14N2	000588-04-5	90
2	Diazene, bis(2-methylphenyl)-	210	C14H14N2	000584-90-7	72
3	2-Propanone, 1,3-diphenyl-	210	C15H14O	000102-04-5	58
4	Benzene, 1,1'-(1,4-butanediyl)bis-	210	C16H18	001083-56-3	53
5	Ethylbenzylamine	225	C16H19N	010479-25-1	40

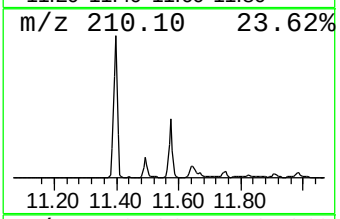


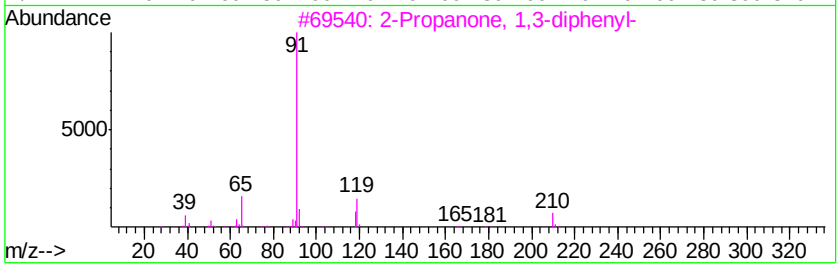


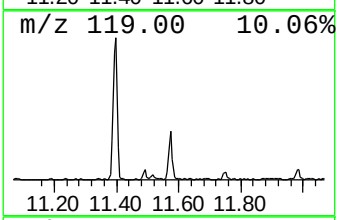


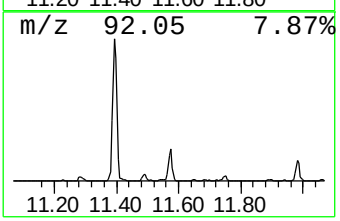












Library Search Compound Report

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Data File : BF118329.D
Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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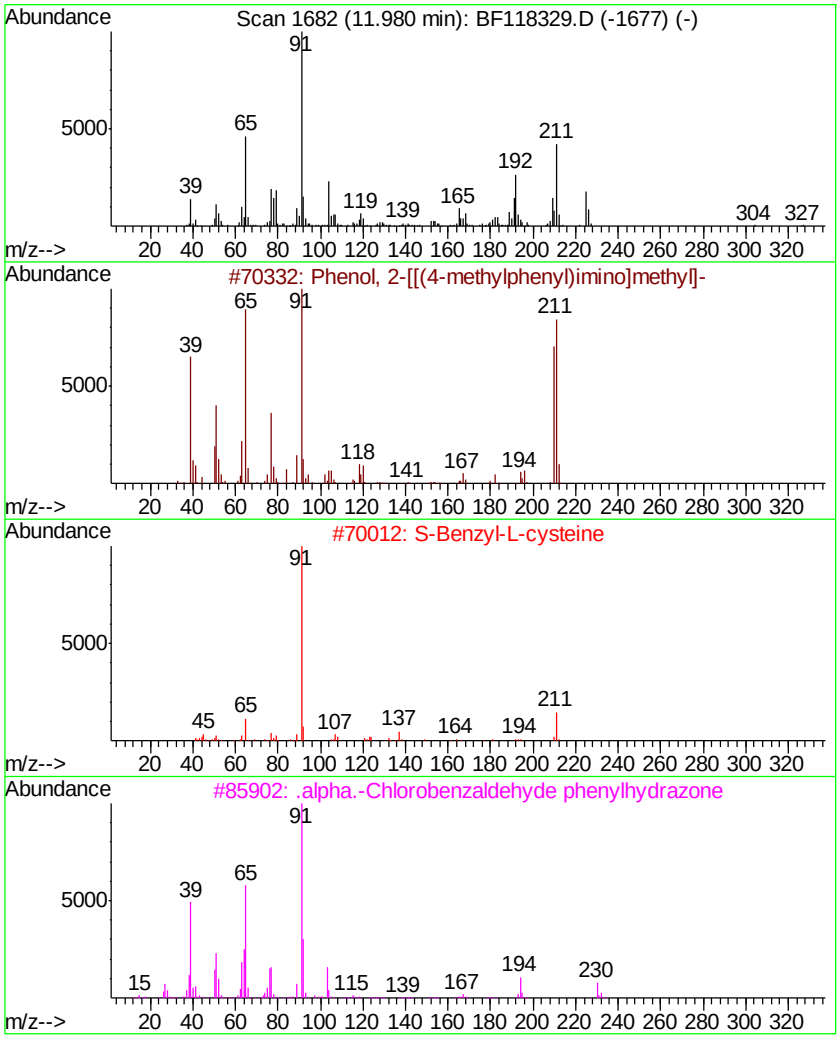
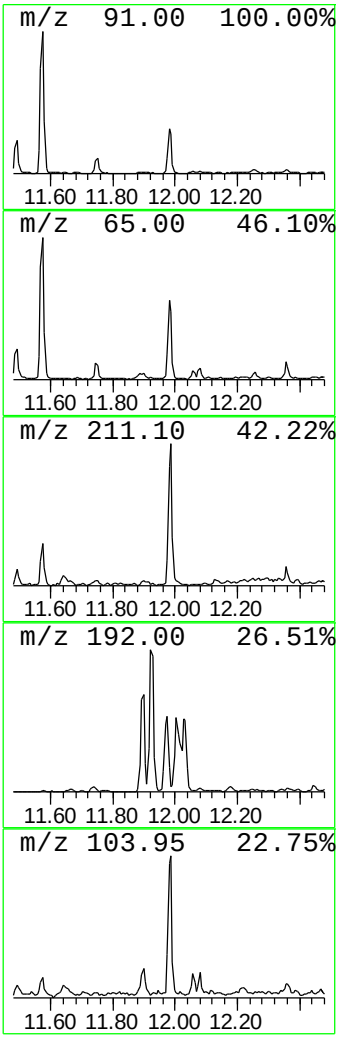
Peak Number 9 Phenol, 2-[[(4-methylphenyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.29 ng	577484	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-[[(4-methylphenyl)imin...	211	C14H13NO	000782-76-3	58
2	S-Benzyl-L-cysteine	211	C10H13NO2S	003054-01-1	53
3	.alpha.-Chlorobenzaldehyde phenyl...	230	C13H11ClN2	015424-14-3	43
4	2,3,5-Trioxabicyclo[2.1.0]pentan...	254	C16H14O3	056247-48-4	43
5	2-Propanone, 1,1,1,3,3,3-hexaflu...	271	C10H7F6NO	074387-54-5	43





Library Search Compound Report

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Data File : BF118329.D
Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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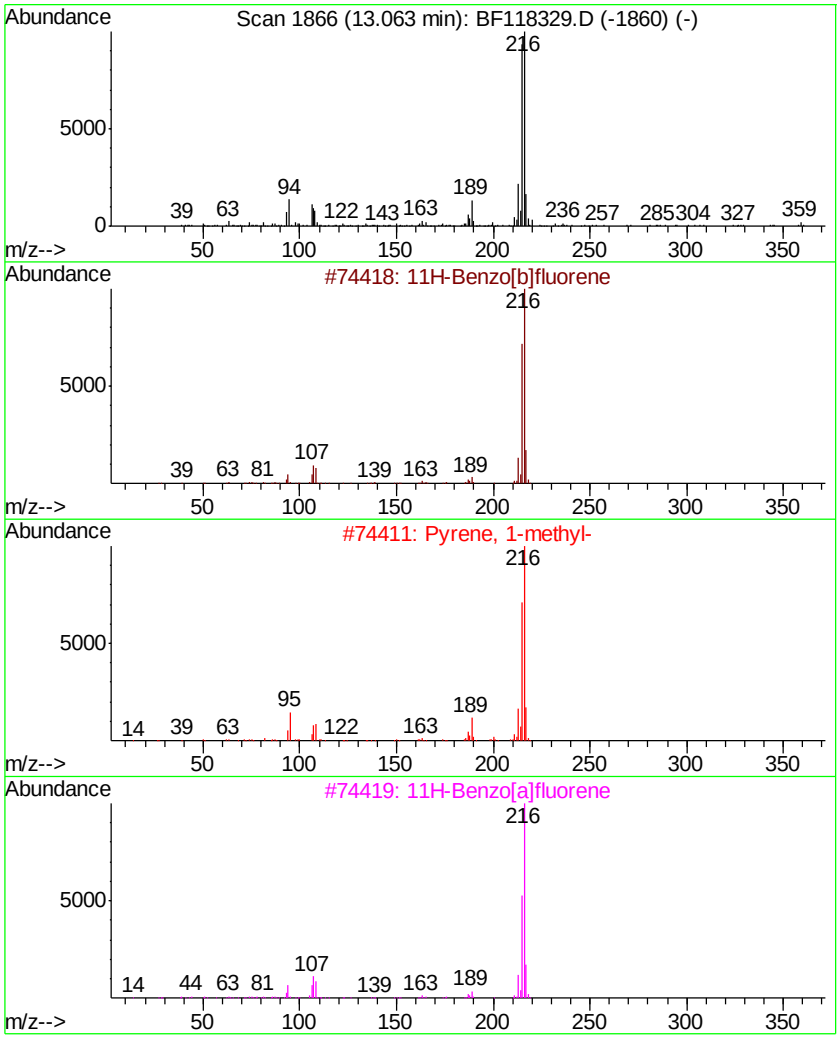
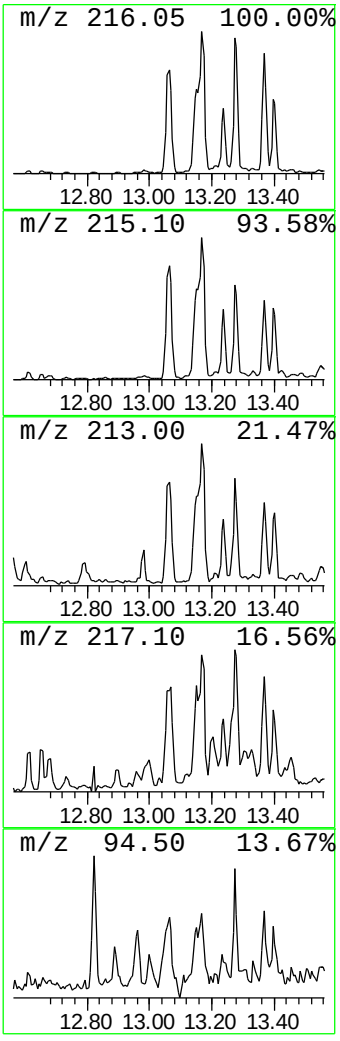
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.68 ng	635239	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





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Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

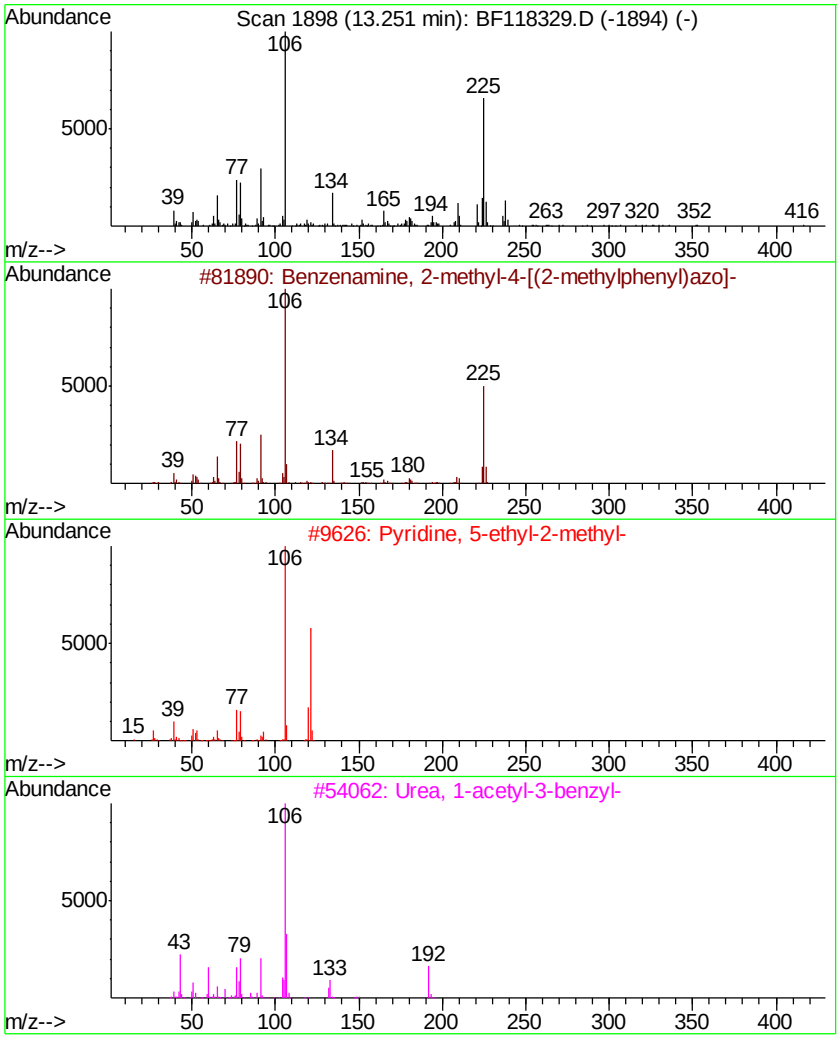
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

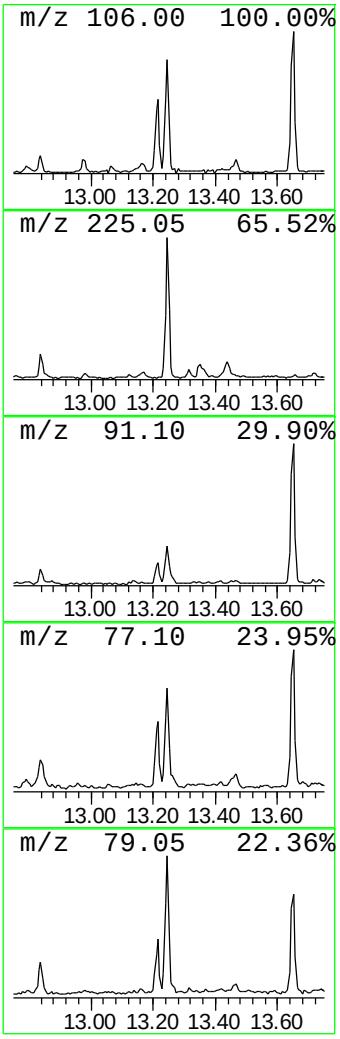
****

Peak Number 11 Benzenamine, 2-methyl-4-[(2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.50 ng	603580	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methyl-4-[(2-meth...	225	C14H15N3	000097-56-3	95
2	Pyridine, 5-ethyl-2-methyl-	121	C8H11N	000104-90-5	49
3	Urea, 1-acetyl-3-benzyl-	192	C10H12N2O2	028614-96-2	47
4	Benzenamine, 4-methyl-2-[(4-meth...	225	C14H15N3	058010-91-6	43
5	alpha.-Methylbenzylamine	121	C8H11N	000618-36-0	43





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Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

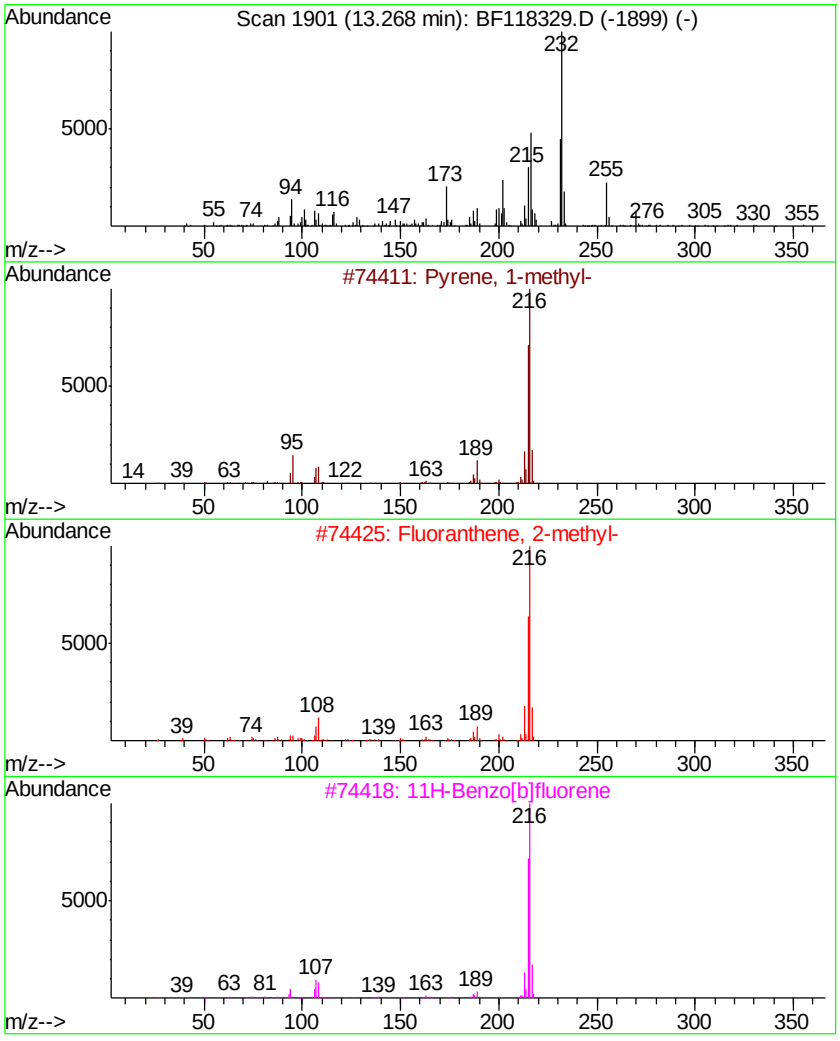
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

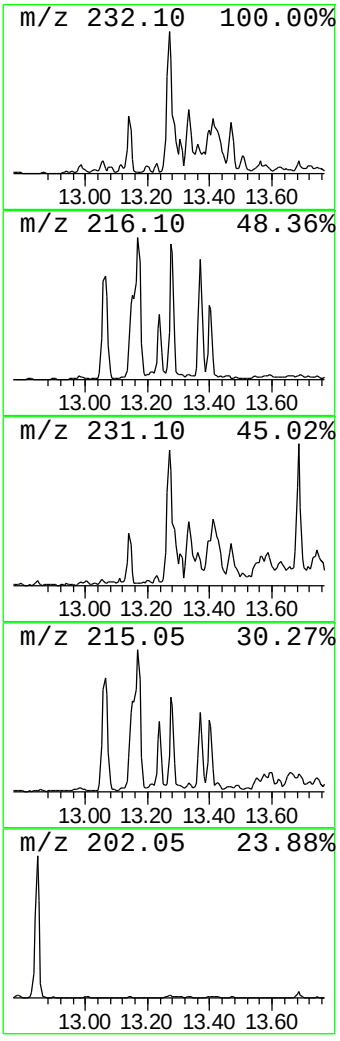
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.15 ng	715577	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60





Library Search Compound Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

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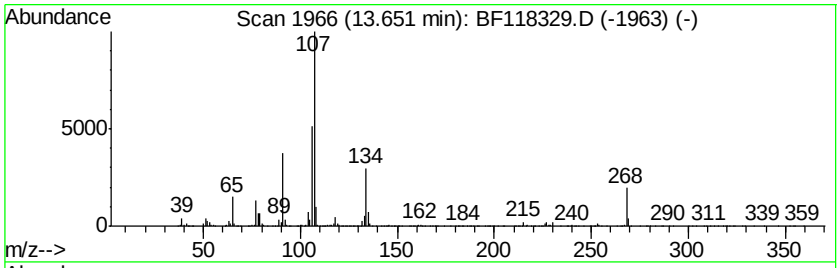
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

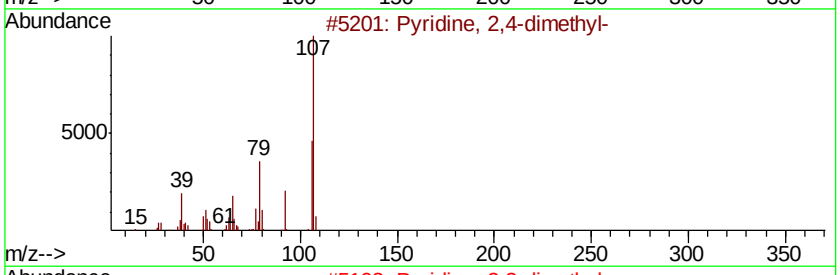
****

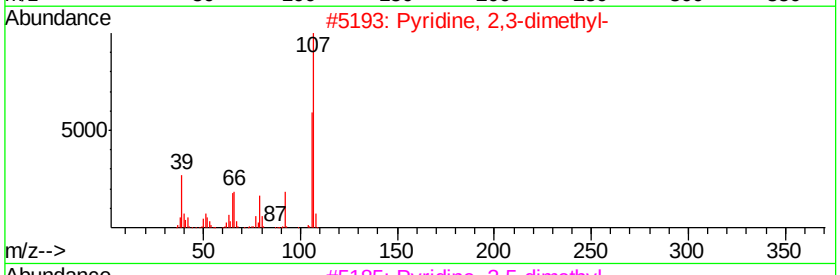
Peak Number 13 Pyridine, 2,4-dimethyl- Concentration Rank 12

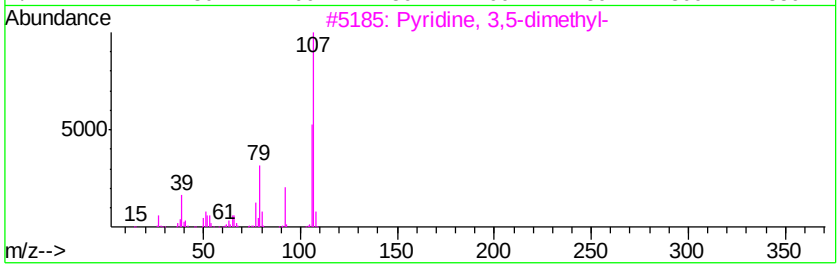
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.20 ng	1070510	Chrysene-d12	14.05

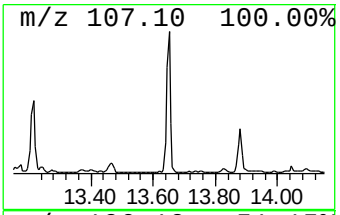
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	52
2	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	52
3	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	52
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	50
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	50

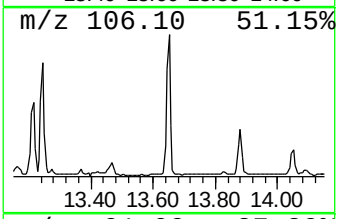


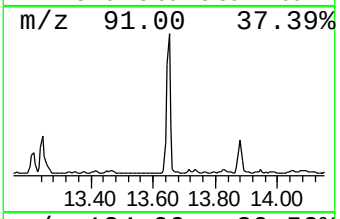


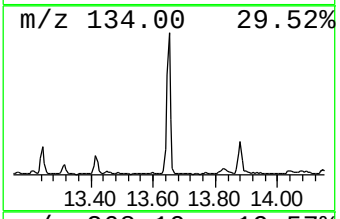


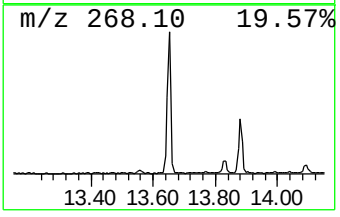












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Operator : JU
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

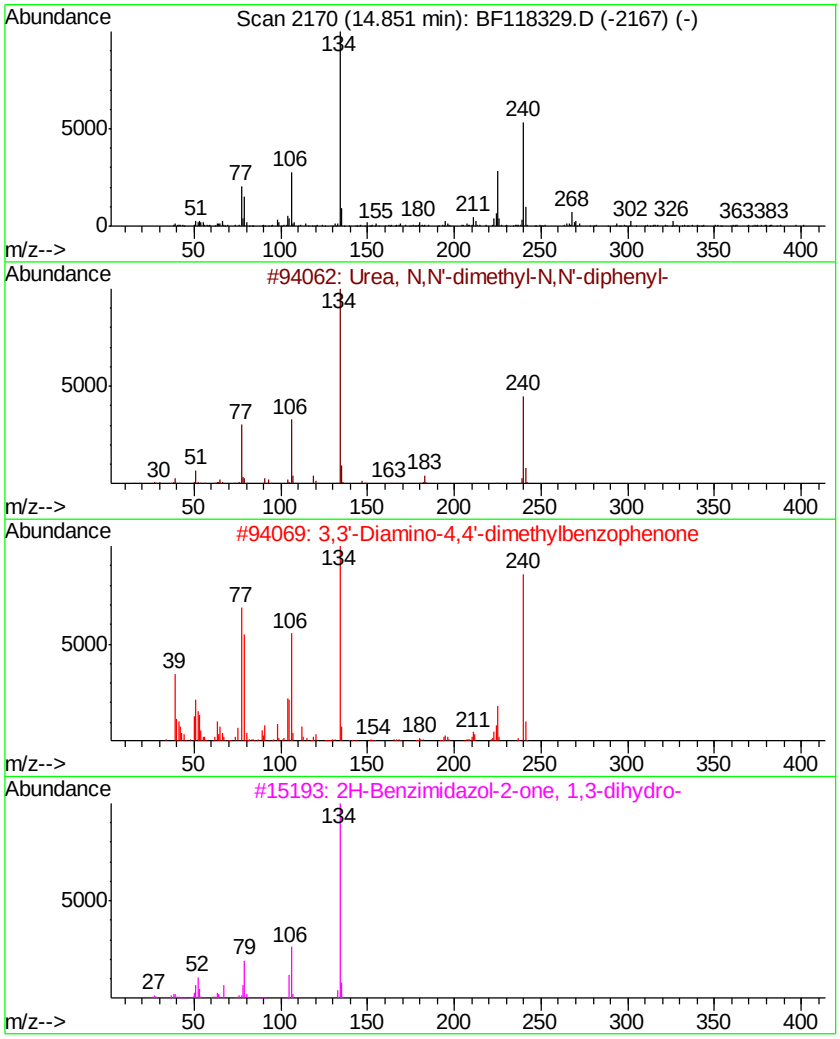
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

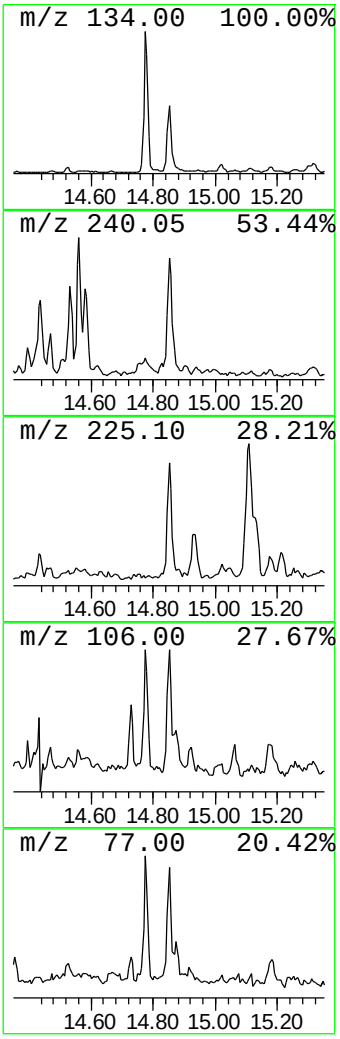
****

Peak Number 14 Urea, N,N'-dimethyl-N,N'-di... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	9.32 ng	315709	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N'-dimethyl-N,N'-diphenyl-	240	C15H16N2O	000611-92-7	64
2	3,3'-Diamino-4,4'-dimethylbenzop...	240	C15H16N2O	313518-54-6	40
3	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	35
4	N-t-Butyldioxymethyl-N-ethylaniline	223	C13H21NO2	064254-25-7	35
5	Thioanthranilic acid, N-methyl-,...	223	C12H17NOS	015236-35-8	32





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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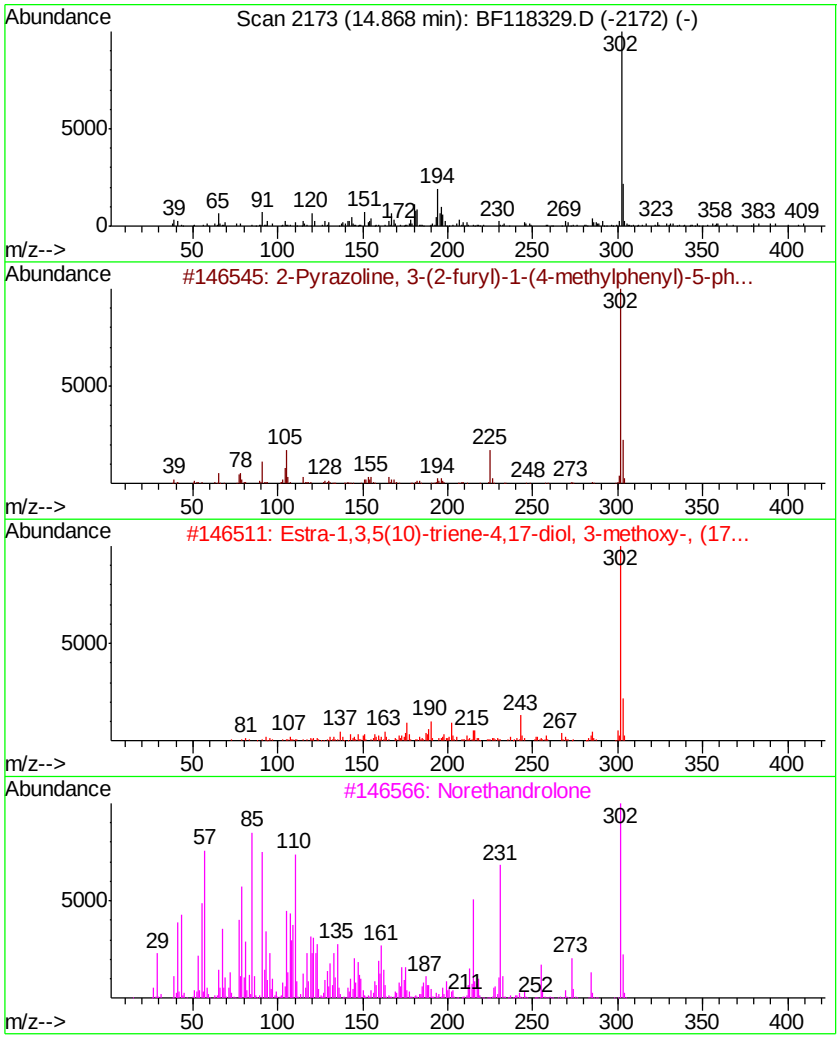
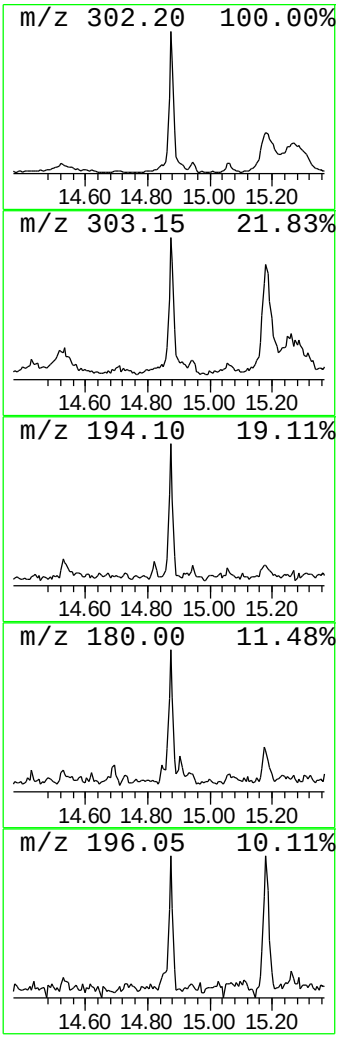
Peak Number 15 2-Pyrazoline, 3-(2-furyl)-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	8.94 ng	302643	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrazoline, 3-(2-furyl)-1-(4-m...	302	C20H18N2O	1000261-60-5	64
2	Estra-1,3,5(10)-triene-4,17-diol...	302	C19H26O3	005976-66-9	53
3	Norethandrolone	302	C20H30O2	000052-78-8	53
4	2,4-Diamino-5-chloro-6-[phenylth...	302	C14H11ClN4S	067372-34-3	53
5	[1,3]Benzimidazo[2,1-a]phthalazi...	302	C19H18N4	1000319-80-2	53





Library Search Compound Report

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Data File : BF118329.D
Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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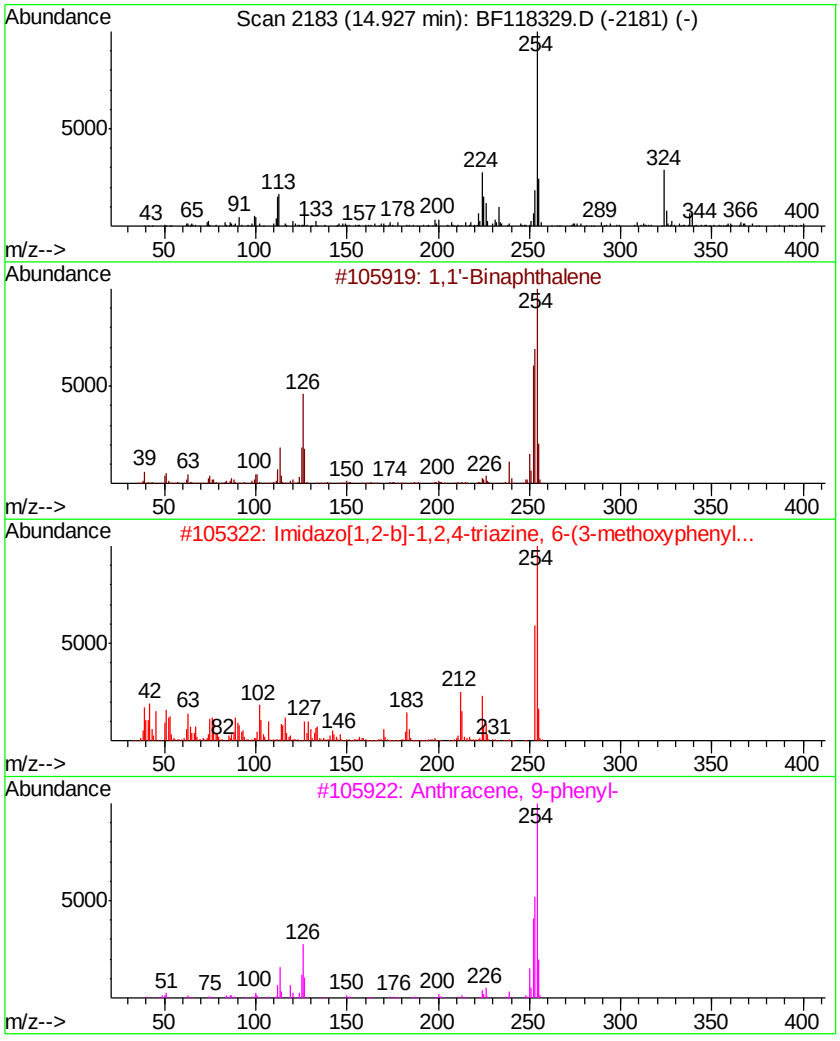
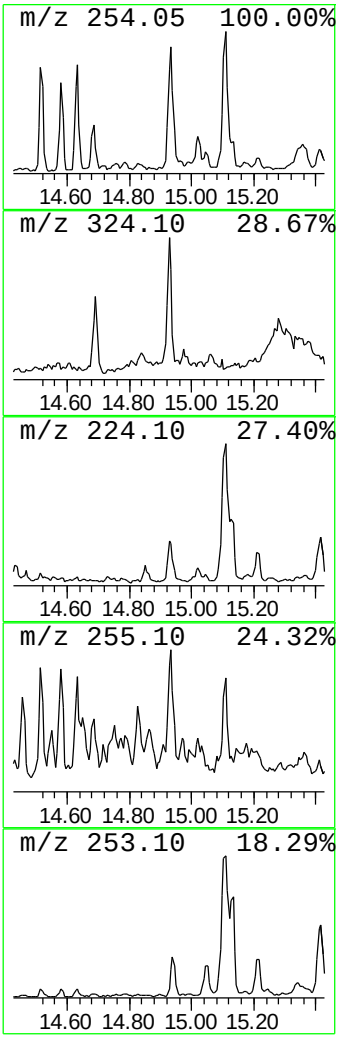
Peak Number 16 1,1'-Binaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	8.54 ng	289178	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
2	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	58
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
4	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	58
5	trans-4'-(Methylthio)chalcone	254	C16H14OS	017129-07-6	53





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Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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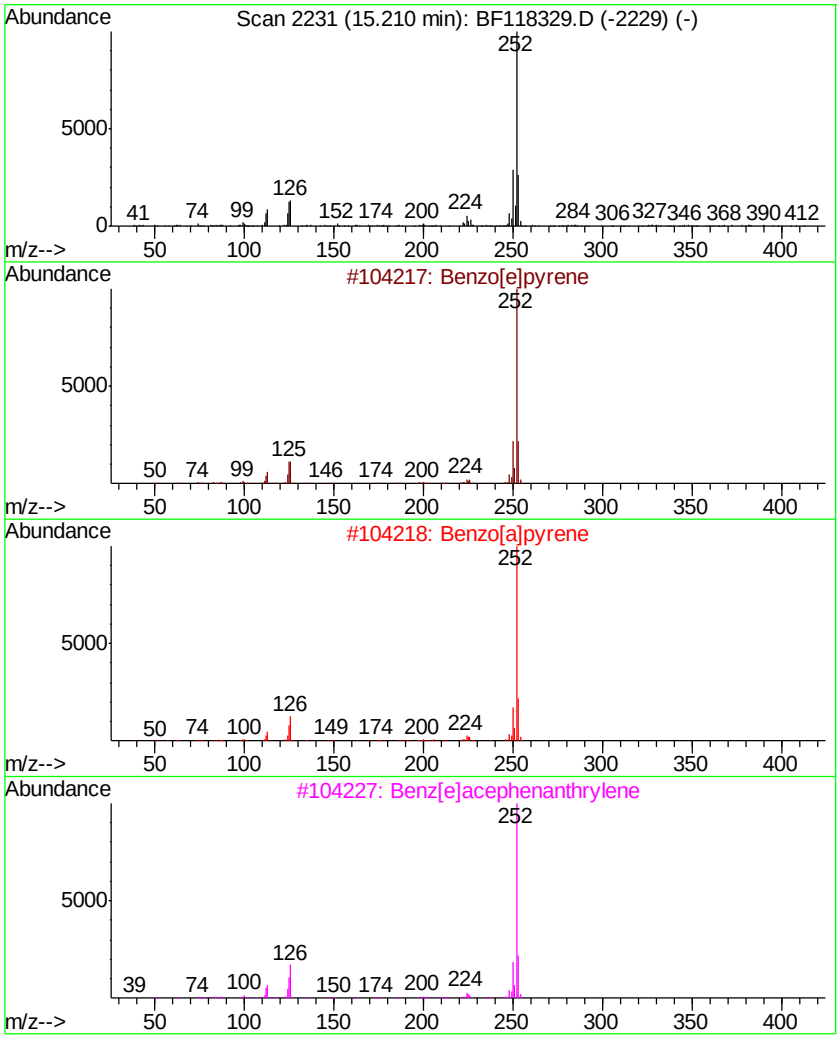
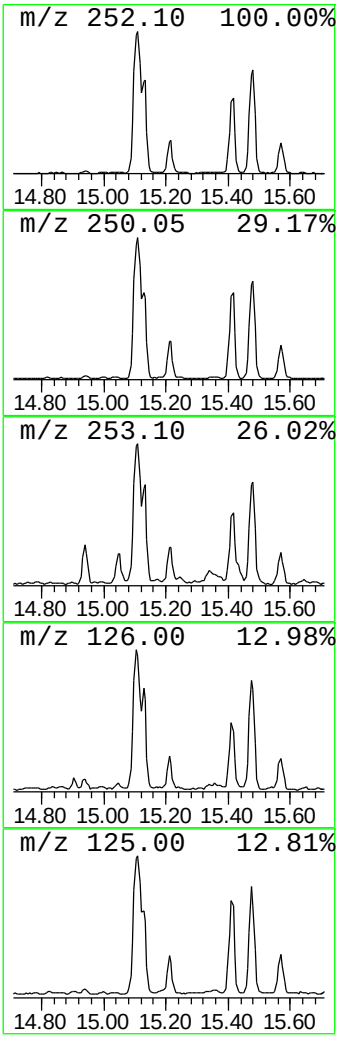
Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	8.88 ng	300755	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Library Search Compound Report

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Data File : BF118329.D
Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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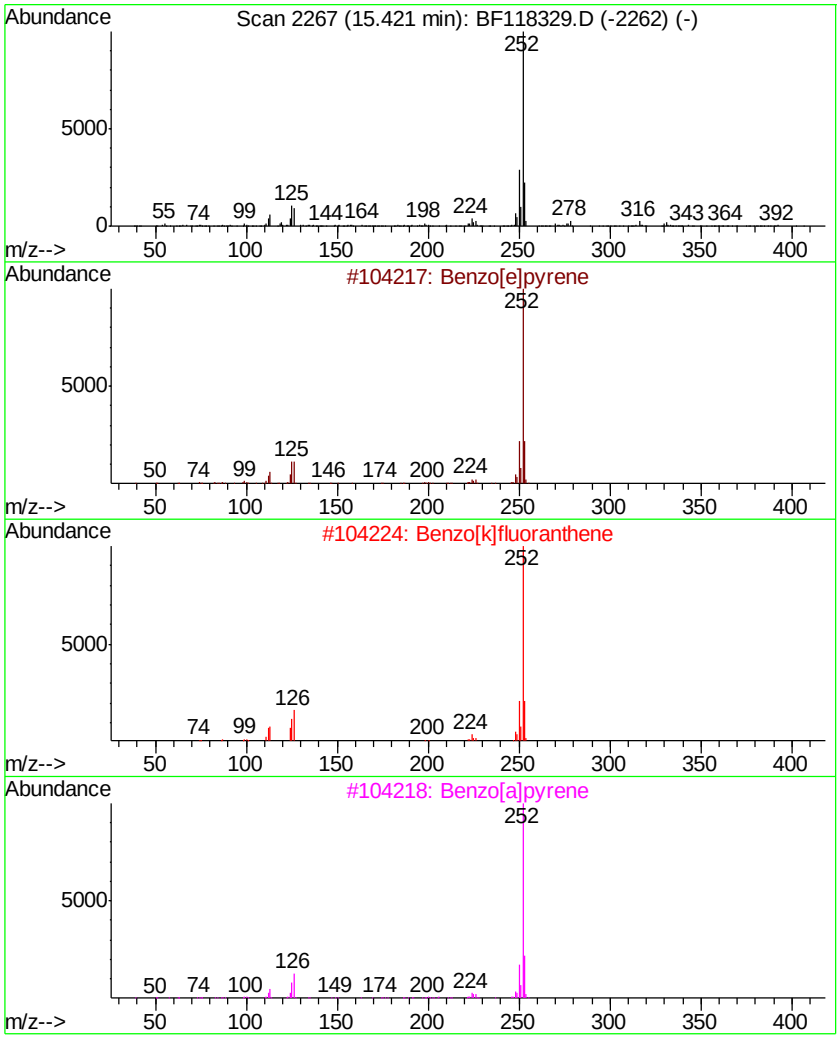
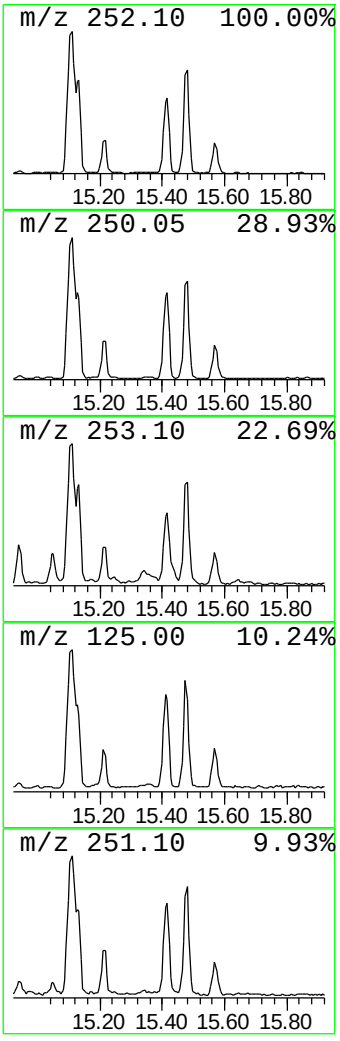
Peak Number 18 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	24.84 ng	841024	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	89





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Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

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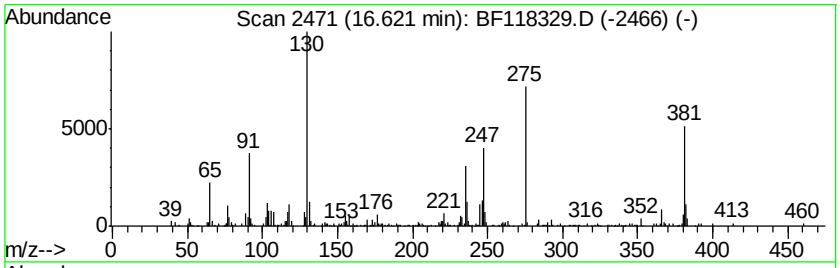
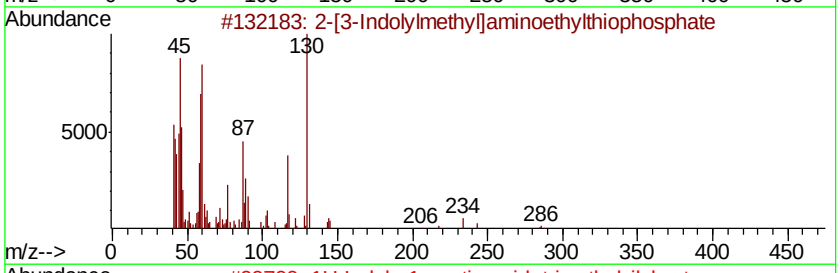
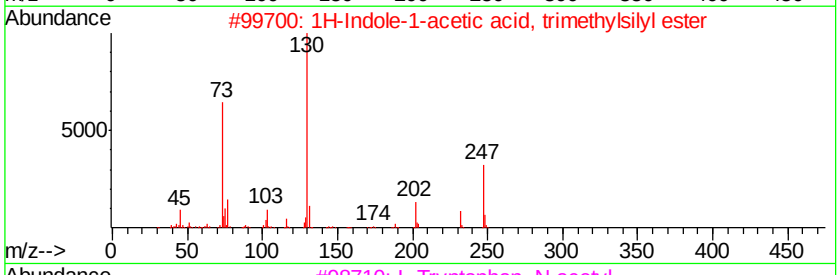
Peak Number 19 2-[3-Indolylmethyl]aminoeth... Concentration Rank 7

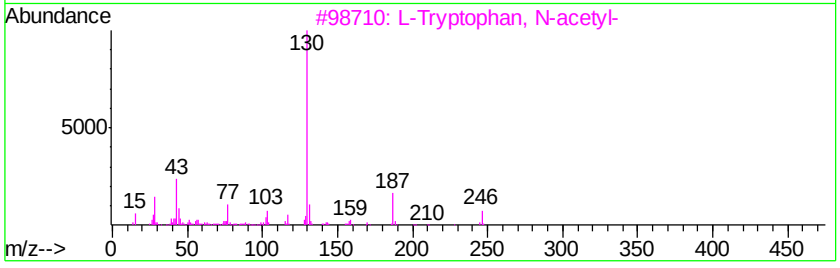
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	9.95 ng	336909	Perylene-d12	15.54

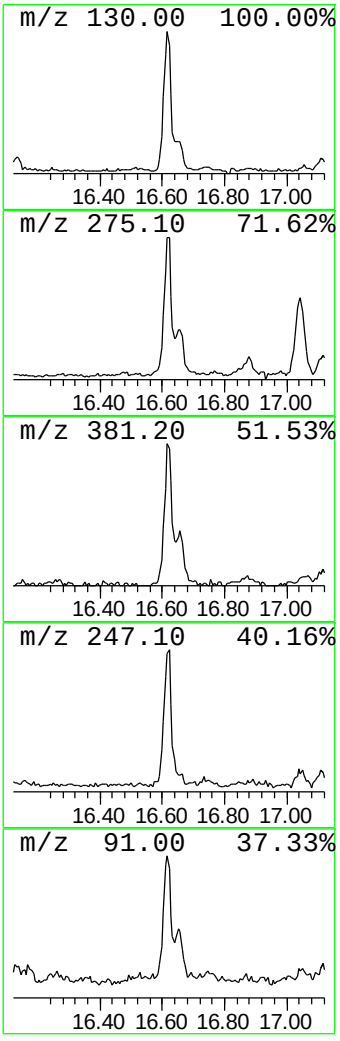
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[3-Indolylmethyl]aminoethylthi...	286	C11H15N2O3PS	1000257-32-7	91
2	1H-Indole-1-acetic acid, trimeth...	247	C13H17NO2Si	074367-53-6	38
3	L-Tryptophan, N-acetyl-	246	C13H14N2O3	001218-34-4	38
4	N-Acetyl-L-tryptophanamide	245	C13H15N3O2	002382-79-8	30
5	DL-Tryptophan, N-acetyl-	246	C13H14N2O3	000087-32-1	25











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Acq On : 26 Dec 2019 21:11
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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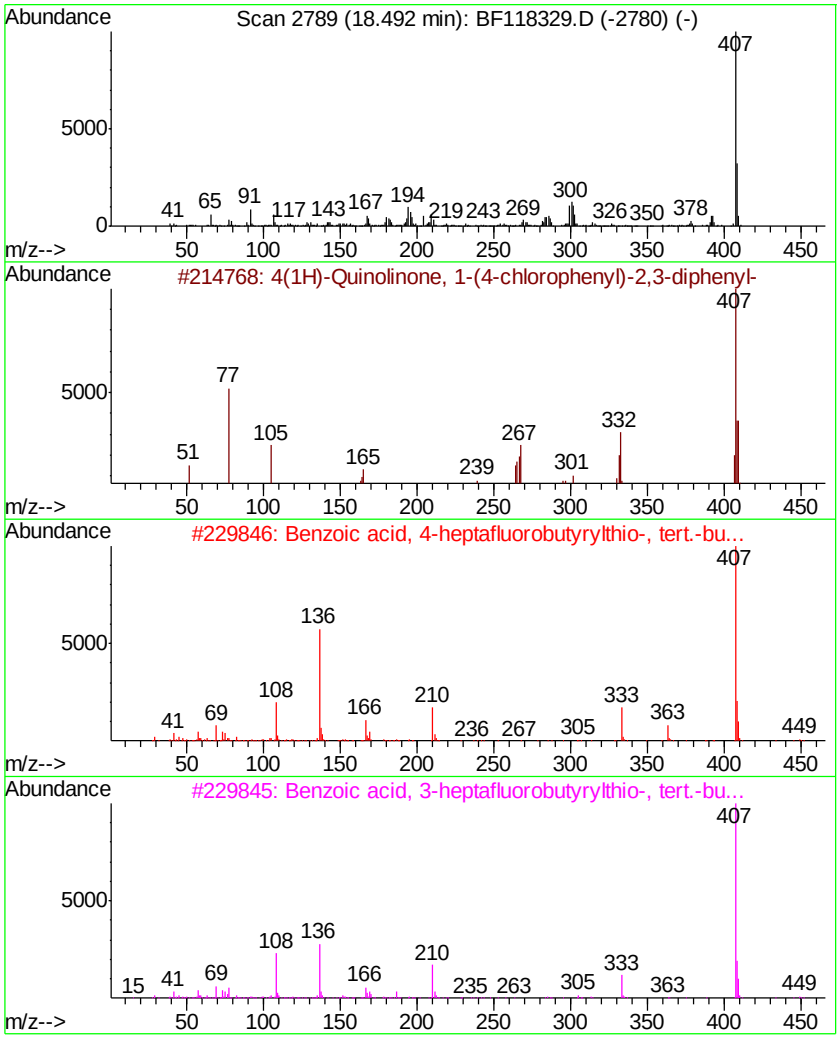
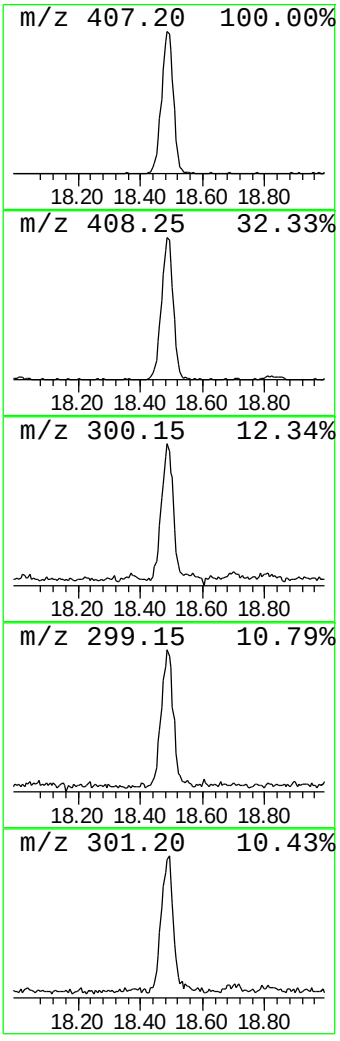
Peak Number 20 unknown18.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	37.32 ng	1263520	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Quinolinone, 1-(4-chloroph...	407	C27H18ClNO	036843-27-3	34
2	Benzoic acid, 4-heptafluorobutyr...	464	C17H19F7O3SSi	1000375-18-1	9
3	Benzoic acid, 3-heptafluorobutyr...	464	C17H19F7O3SSi	1000375-16-6	9
4	6-Iodo-2-methyl-3-(3-nitro-phenyl...	407	C15H10IN3O3	299928-59-9	4
5	Benzenamine, 4,4',4''-phosphinyl...	407	C24H30N3OP	000807-20-5	2





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122619\
Data File : BF118329.D
Acq On : 26 Dec 2019 21:11
Operator : JU
Sample : K6396-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3-(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
2-Pentanone, 4-hy...	5.04	4.1	ng	165042	1	6.85	796496	20.0
Xenon	6.62	28.7	ng	1142810	1	6.85	796496	20.0
Benzene, 1-isocya...	7.23	33.6	ng	1339570	1	6.85	796496	20.0
o-Toluidine	7.31	241.0	ng	9598750	1	6.85	796496	20.0
Boranamine, N,N,1...	7.93	5.0	ng	265918	2	8.14	1056840	20.0
Pyridine, 2-ethyl...	9.97	4.5	ng	257249	3	9.90	1157260	20.0
m,m'-Dimethylazob...	11.57	4.1	ng	545792	4	11.39	2690570	20.0
Phenol, 2-[[(4-me...	11.98	4.3	ng	577484	4	11.39	2690570	20.0
11H-Benzo[b]fluorene	13.06	3.7	ng	635239	5	14.05	3450630	20.0
Benzenamine, 2-me...	13.25	3.5	ng	603580	5	14.05	3450630	20.0
Pyrene, 1-methyl-	13.27	4.2	ng	715577	5	14.05	3450630	20.0
Pyridine, 2,4-dim...	13.65	6.2	ng	1070510	5	14.05	3450630	20.0
Urea, N,N'-dimeth...	14.85	9.3	ng	315709	6	15.54	677205	20.0
2-Pyrazoline, 3-(...	14.87	8.9	ng	302643	6	15.54	677205	20.0
1,1'-Binaphthalene	14.93	8.5	ng	289178	6	15.54	677205	20.0
Benzo[e]pyrene	15.21	8.9	ng	300755	6	15.54	677205	20.0
Perylene	15.42	24.8	ng	841024	6	15.54	677205	20.0
2-[3-Indolylmethy...	16.62	9.9	ng	336909	6	15.54	677205	20.0
unknown18.49	18.49	37.3	ng	1263520	6	15.54	677205	20.0