LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000152.D
Acq On : 09 Sep 2019 23:17
Operator : HP/JU
Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	6	14	18	rBV	13021480	22241188	100.00%	13.203%
2	3.969	316	320	324	rVV	151827	201396	0.91%	0.120%
3	6.505	748	751	759	rVV2	1940111	1813556	8.15%	1.077%
4	6.569	759	762	766	rVV	1518115	1282827	5.77%	0.761%
5	6.657	773	777	780	rBV	2079143	1658055	7.45%	0.984%
6	6.893	813	817	820	rBV	3098458	2396918	10.78%	1.423%
7	7.257	875	879	882	rBV	2433806	1871326	8.41%	1.111%
8	7.446	907	911	914	rBV	1889564	1446545	6.50%	0.859%
9	7.775	963	967	970	rBV	1304125	1107508	4.98%	0.657%
10	8.010	1004	1007	1011	rBV	2202807	1887970	8.49%	1.121%
11	8.175	1031	1035	1038	rBV	4110089	3280706	14.75%	1.947%
12	8.228	1041	1044	1056	rVB	2015155	1613903	7.26%	0.958%
13	9.628	1279	1282	1284	rVV	3409999	2530170	11.38%	1.502%
14	9.651	1284	1286	1289	rVB	854949	585153	2.63%	0.347%
15	9.787	1305	1309	1312	rBV	4242326	3356994	15.09%	1.993%
16	9.945	1332	1336	1339	rBV	4527328	3907476	17.57%	2.320%
17	9.975	1339	1341	1344	rVB	529661	374246	1.68%	0.222%
18	10.022	1346	1349	1360	rVB	824129	680106	3.06%	0.404%
19	10.145	1366	1370	1374	rVB	474032	384189	1.73%	0.228%
20	10.463	1421	1424	1427	rBV	4478787	3836514	17.25%	2.277%
21	10.493	1427	1429	1431	rVV	243350	187379	0.84%	0.111%
22	10.522	1431	1434	1437	rVV	781838	592616	2.66%	0.352%
23	11.245	1554	1557	1562	rVB	423253	375817	1.69%	0.223%
24	11.304	1562	1567	1570	rBV2	148952	196547	0.88%	0.117%
25	11.340	1570	1573	1579	rVB	305572	254890	1.15%	0.151%
26	11.445	1587	1591	1593	rBV	4791450	4176303	18.78%	2.479%
27	11.469	1593	1595	1598	rVV	5836104	4902895	22.04%	2.910%
28	11.504	1598	1601	1607	rVV2	4675698	4454413	20.03%	2.644%
29	11.675	1624	1630	1633	rBV2	679504	709380	3.19%	0.421%
30	11.957	1672	1678	1680	rBV	583368	567006	2.55%	0.337%
31	11.987	1680	1683	1687	rVV	1013266	980789	4.41%	0.582%
32	12.028	1687	1690	1693	rVB2	183195	194354	0.87%	0.115%
33	12.069	1693	1697	1699	rBV	852982	833225	3.75%	0.495%
34	12.092	1699	1701	1704	rVB	381533	298599	1.34%	0.177%

LSC Area Percent Report

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Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

35	12.257	1726	1729	1730	rBV	528432	477664	2.15%	0.284%
36	12.275	1730	1732	1736	rVB	1029637	805312	3.62%	0.478%
37	12.410	1749	1755	1757	rBV2	173048	180756	0.81%	0.107%
38	12.516	1767	1773	1776	rBV2	282295	330495	1.49%	0.196%
39	12.598	1784	1787	1792	rVB	636631	616185	2.77%	0.366%
40	12.681	1797	1801	1804	rVV	9701356	9197245	41.35%	5.460%
41	12.734	1806	1810	1815	rVB4	140330	199076	0.90%	0.118%
42	12.810	1818	1823	1825	rBV3	221157	362748	1.63%	0.215%
43	12.834	1825	1827	1832	rVB	305366	282787	1.27%	0.168%
44	12.898	1833	1838	1839	rBV	5451847	6140694	27.61%	3.645%
45	12.916	1839	1841	1844	rVV	8392807	6659029	29.94%	3.953%
46	12.963	1844	1849	1854	rVB	335693	439057	1.97%	0.261%
47	13.034	1857	1861	1864	rBV	561129	497993	2.24%	0.296%
48	13.069	1864	1867	1872	rVB	395608	430865	1.94%	0.256%
49	13.139	1872	1879	1881	rBV3	538398	896185	4.03%	0.532%
50	13.222	1890	1893	1894	rBV	412424	385129	1.73%	0.229%
51	13.245	1894	1897	1900	rVB	573995	667219	3.00%	0.396%
52	13.316	1906	1909	1911	rBV	220720	208491	0.94%	0.124%
53	13.351	1911	1915	1918	rBV	920038	915482	4.12%	0.543%
54	13.381	1918	1920	1923	rVB2	288236	258262	1.16%	0.153%
55	13.445	1928	1931	1934	rVB	425397	364183	1.64%	0.216%
56	13.475	1934	1936	1941	rBV2	382851	432228	1.94%	0.257%
57	13.657	1959	1967	1969	rBV4	225674	471018	2.12%	0.280%
58	13.763	1981	1985	1990	rVB	1291042	1370022	6.16%	0.813%
59	13.875	1999	2004	2007	rBV2	1125762	1423292	6.40%	0.845%
60	13.910	2007	2010	2011	rVV	585462	541533	2.43%	0.321%
61	13.928	2011	2013	2018	rVV2	508052	821204	3.69%	0.487%
62	13.975	2018	2021	2024	rVV	1086037	986314	4.43%	0.585%
63	14.004	2024	2026	2031	rVB2	295596	367109	1.65%	0.218%
64	14.051	2031	2034	2037	rVB	190777	171647	0.77%	0.102%
65	14.134	2040	2048	2051	rBV2	5958856	9489141	42.66%	5.633%
66	14.163	2051	2053	2059	rVB	4983489	4686643	21.07%	2.782%
67	14.275	2069	2072	2074	rBV3	185124	177923	0.80%	0.106%
68	14.328	2078	2081	2083	rBV2	266438	272099	1.22%	0.162%
69	14.363	2083	2087	2091	rVB2	542240	771022	3.47%	0.458%
70	14.451	2099	2102	2103	rBV3	223232	245790	1.11%	0.146%
71	14.498	2107	2110	2112	rBV2	420953	465330	2.09%	0.276%

LSC Area Percent Report

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Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

72	14.533	2112	2116	2119	rVB	817119	869759	3.91%	0.516%
73	14.569	2119	2122	2125	rVB2	706165	656450	2.95%	0.390%
74	14.622	2129	2131	2134	rVB2	246605	242585	1.09%	0.144%
75	14.663	2134	2138	2141	rBV	591868	848512	3.82%	0.504%
76	14.739	2148	2151	2155	rVB3	244870	301231	1.35%	0.179%
77	14.851	2166	2170	2173	rVV2	323263	398834	1.79%	0.237%
78	14.881	2173	2175	2181	rVB6	224014	331236	1.49%	0.197%
79	14.992	2189	2194	2198	rBV3	429541	653066	2.94%	0.388%
80	15.033	2198	2201	2202	rBV2	210328	222799	1.00%	0.132%
81	15.122	2213	2216	2220	rBV2	248002	306574	1.38%	0.182%
82	15.228	2225	2234	2237	rBV	4424781	7690051	34.58%	4.565%
83	15.333	2249	2252	2254	rVV	415343	441069	1.98%	0.262%
84	15.363	2254	2257	2264	rVB2	477272	788589	3.55%	0.468%
85	15.433	2264	2269	2271	rBV2	178641	317001	1.43%	0.188%
86	15.545	2282	2288	2291	rVV	2643356	4032238	18.13%	2.394%
87	15.581	2291	2294	2297	rVV	2421483	3522841	15.84%	2.091%
88	15.610	2297	2299	2305	rVB	2706337	3243775	14.58%	1.926%
89	15.680	2305	2311	2314	rBV	2512074	3690537	16.59%	2.191%
90	15.710	2314	2316	2324	rVV2	750800	1031087	4.64%	0.612%
91	15.786	2324	2329	2334	rVB3	481583	901873	4.05%	0.535%
92	16.016	2366	2368	2372	rVB	156586	196641	0.88%	0.117%
93	16.063	2373	2376	2383	rVB2	179705	303630	1.37%	0.180%
94	16.145	2385	2390	2394	rBV4	129605	250140	1.12%	0.148%
95	16.269	2407	2411	2424	rVB3	415155	959689	4.31%	0.570%
96	16.822	2501	2505	2510	rBV4	183250	301141	1.35%	0.179%
97	17.051	2538	2544	2554	rVB3	337903	955862	4.30%	0.567%
98	17.239	2569	2576	2585	rVB2	1595437	3545269	15.94%	2.104%
99	17.433	2604	2609	2611	rBV	206578	387836	1.74%	0.230%
100	17.710	2648	2656	2668	rVB	1263345	2883057	12.96%	1.711%

Sum of corrected areas: 168461503

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
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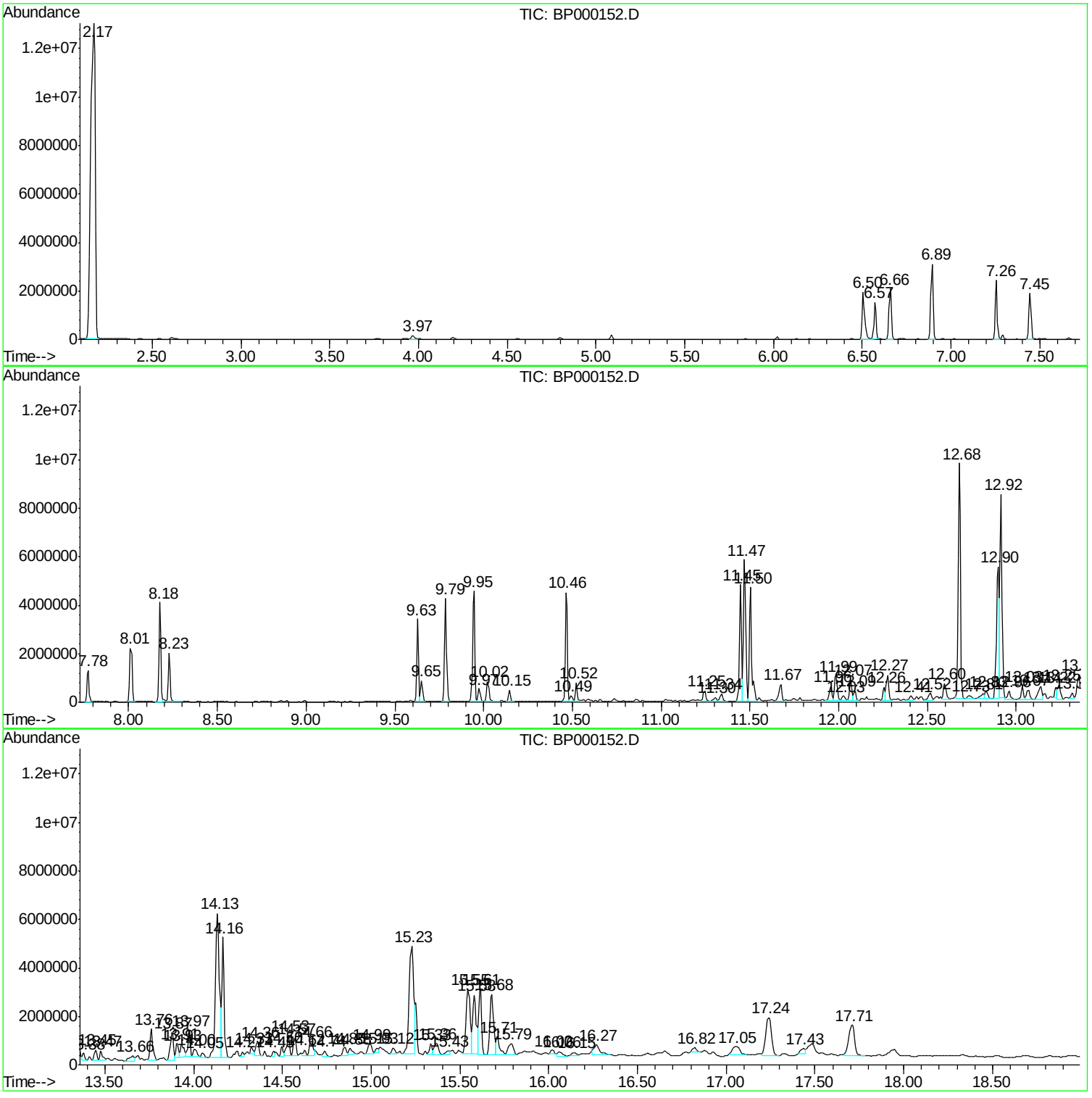
Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000152.D
Acq On : 09 Sep 2019 23:17
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Misc :
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Instrument : BNA_P
ClientSampleId : F2D25

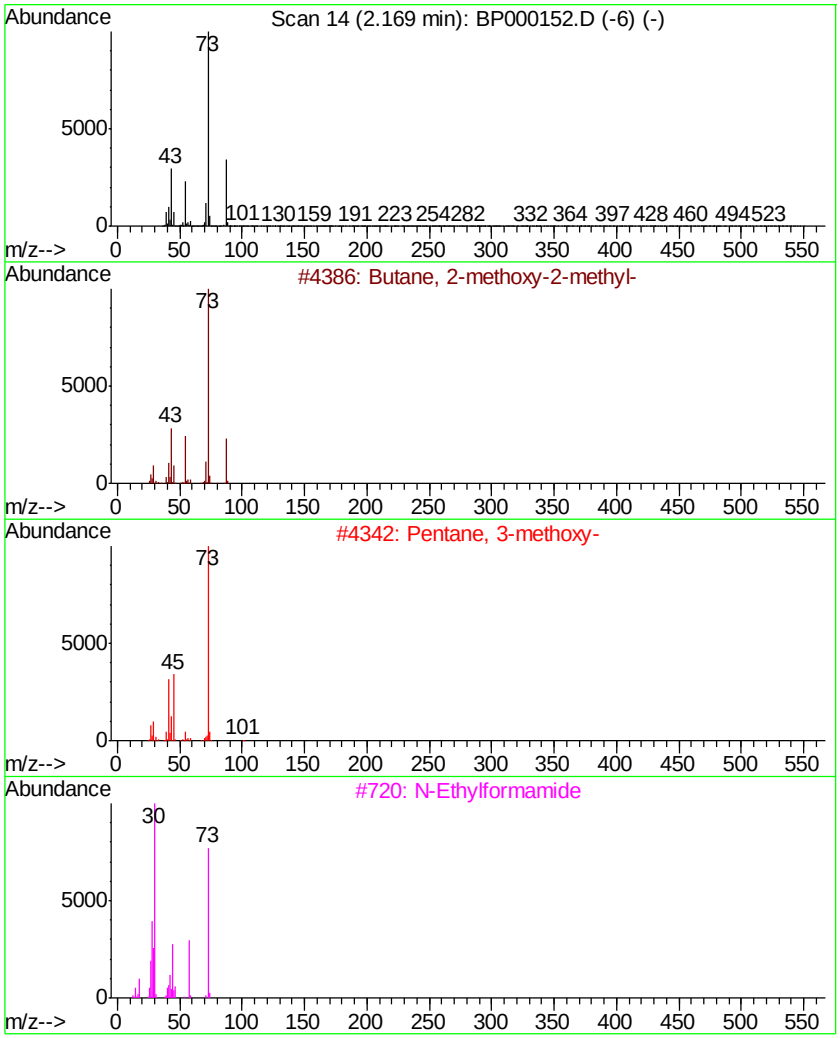
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

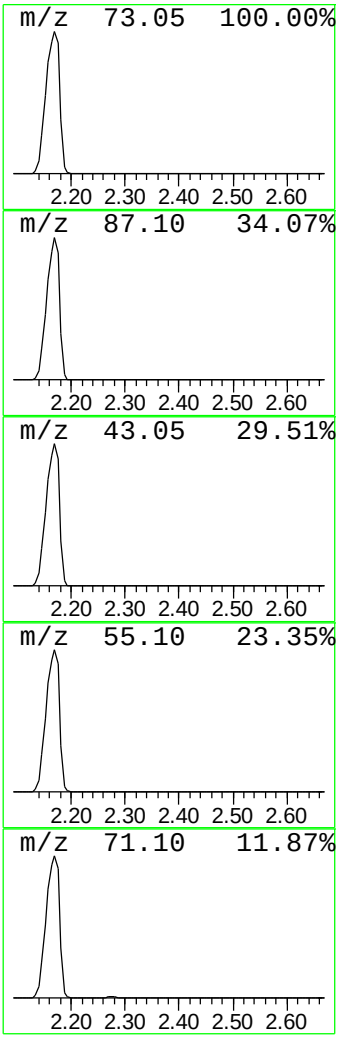
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	185.58 ng/ul	22241200	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
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Instrument : BNA_P
ClientSampleId : F2D25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

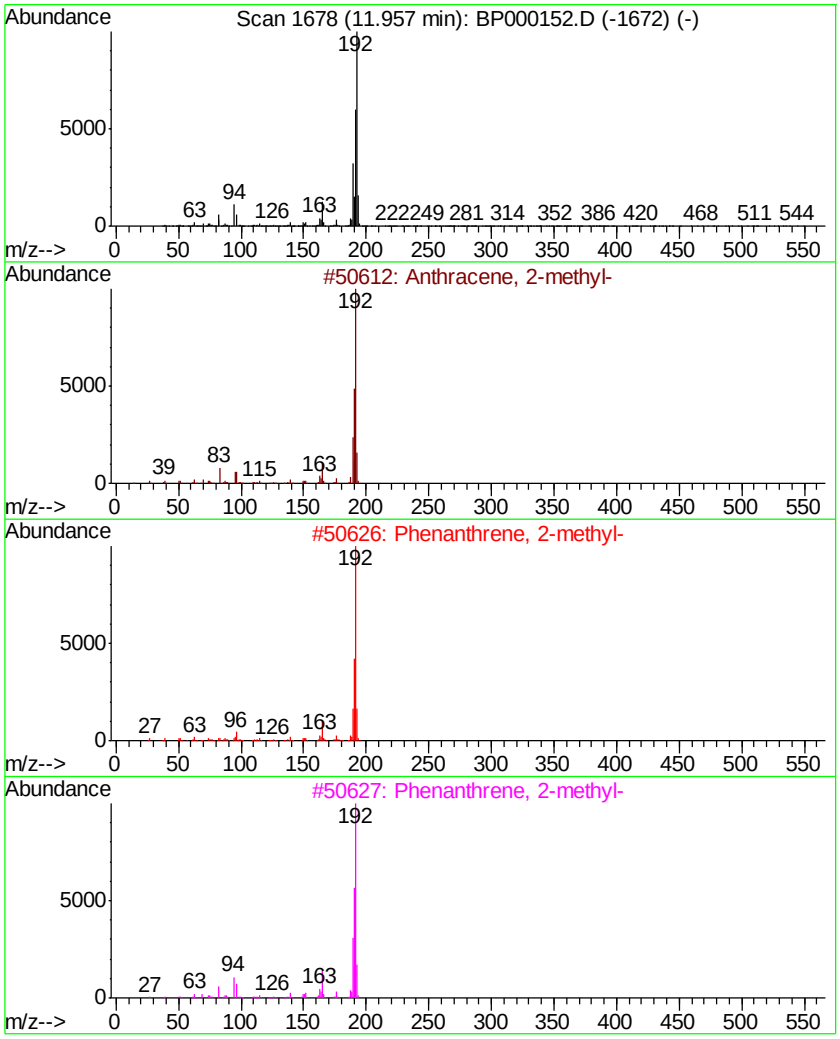
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

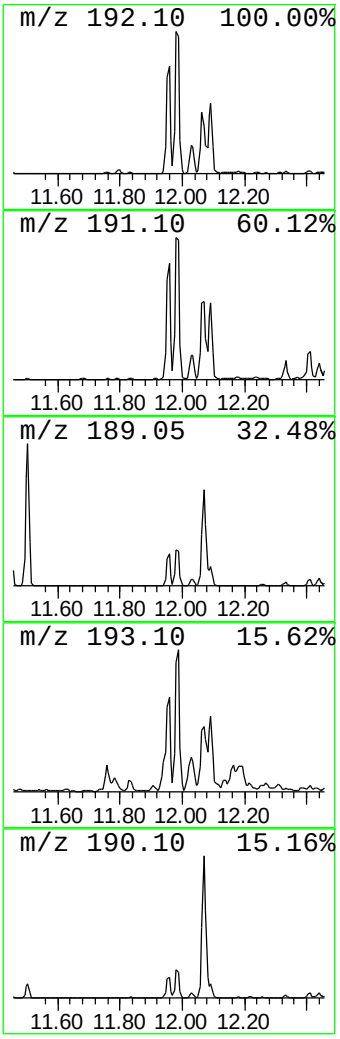
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.72 ng/ul	567006	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

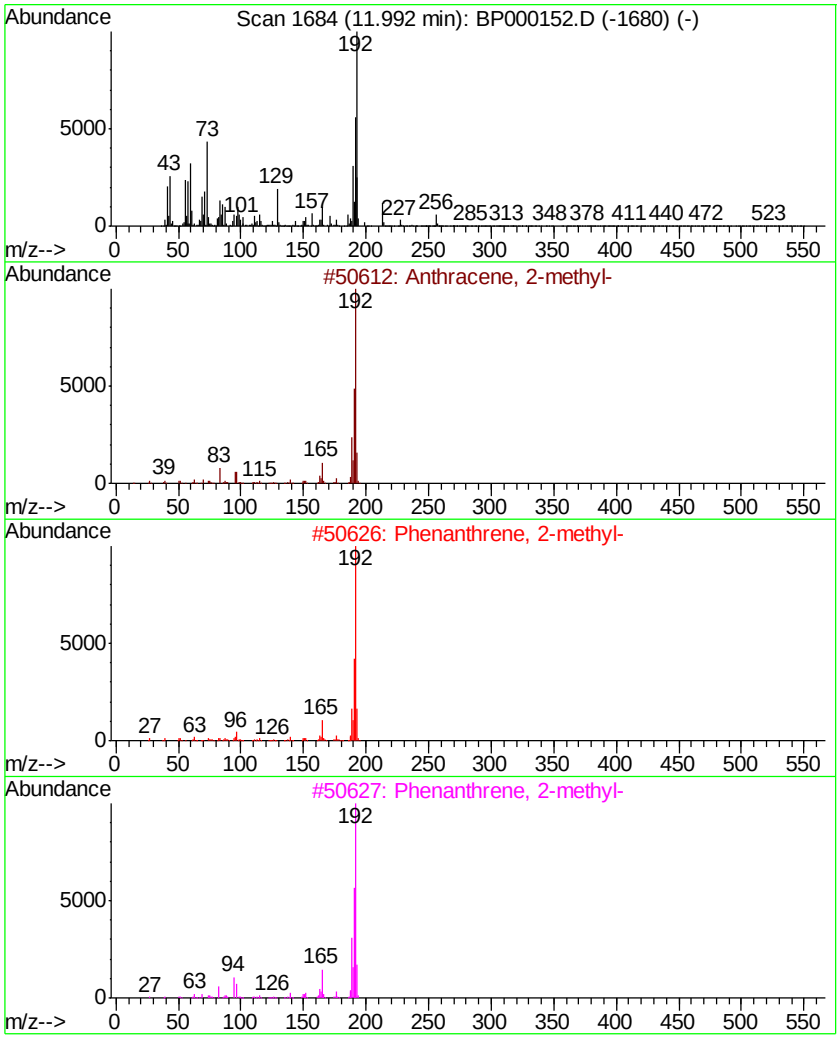
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

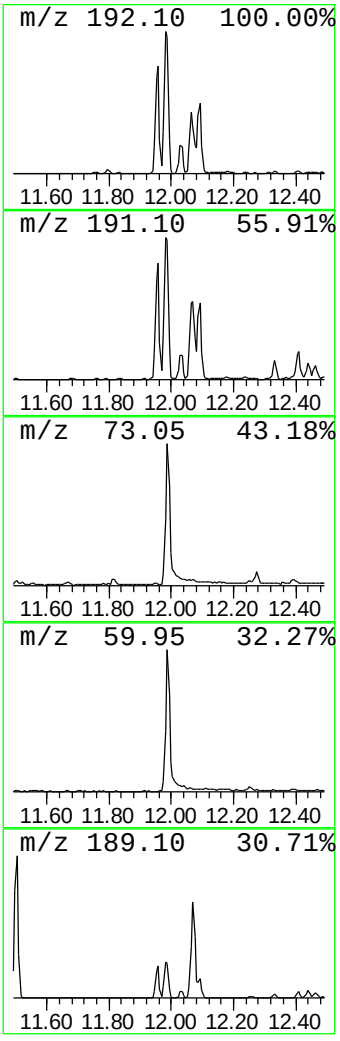
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.70 ng/ul	980789	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000152.D
Acq On : 09 Sep 2019 23:17
Operator : HP/JU
Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

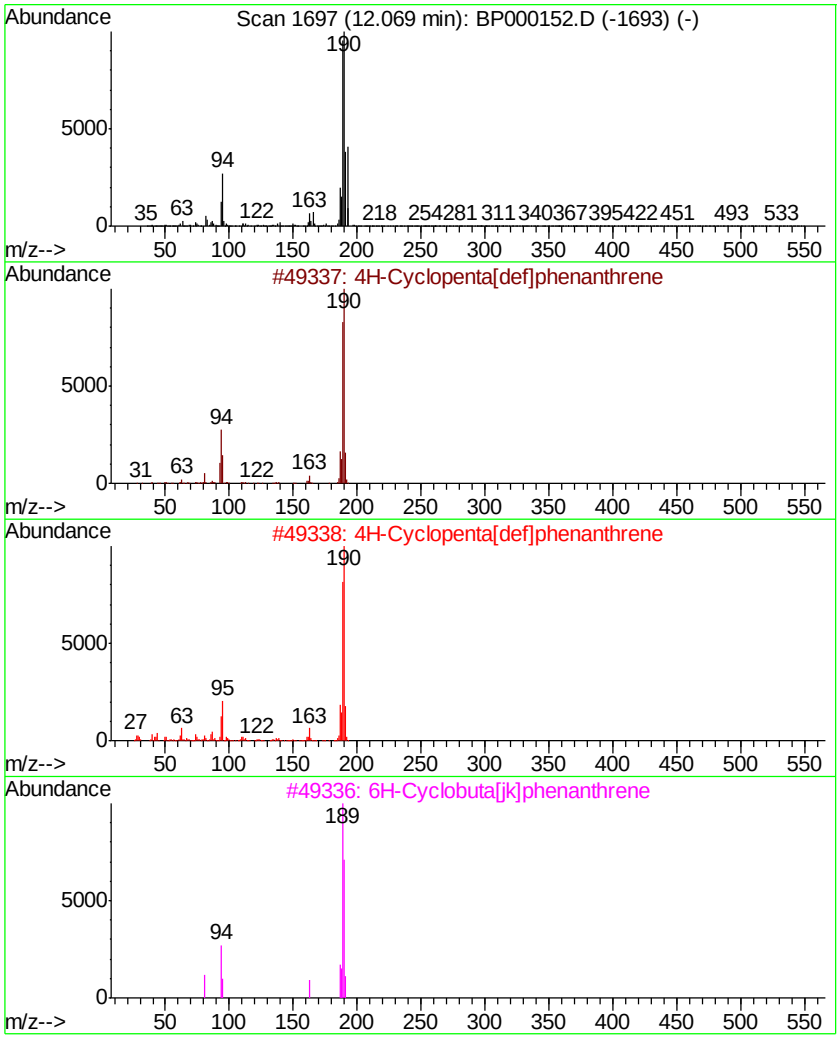
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

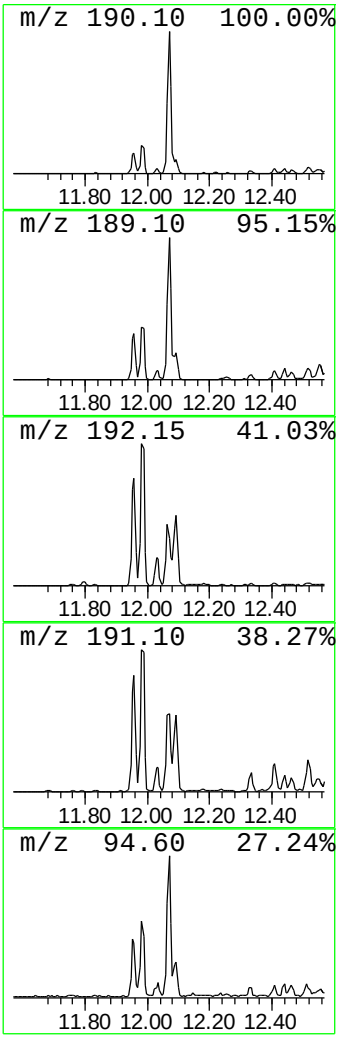
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.99 ng/ul	833225	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000152.D
Acq On : 09 Sep 2019 23:17
Operator : HP/JU
Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

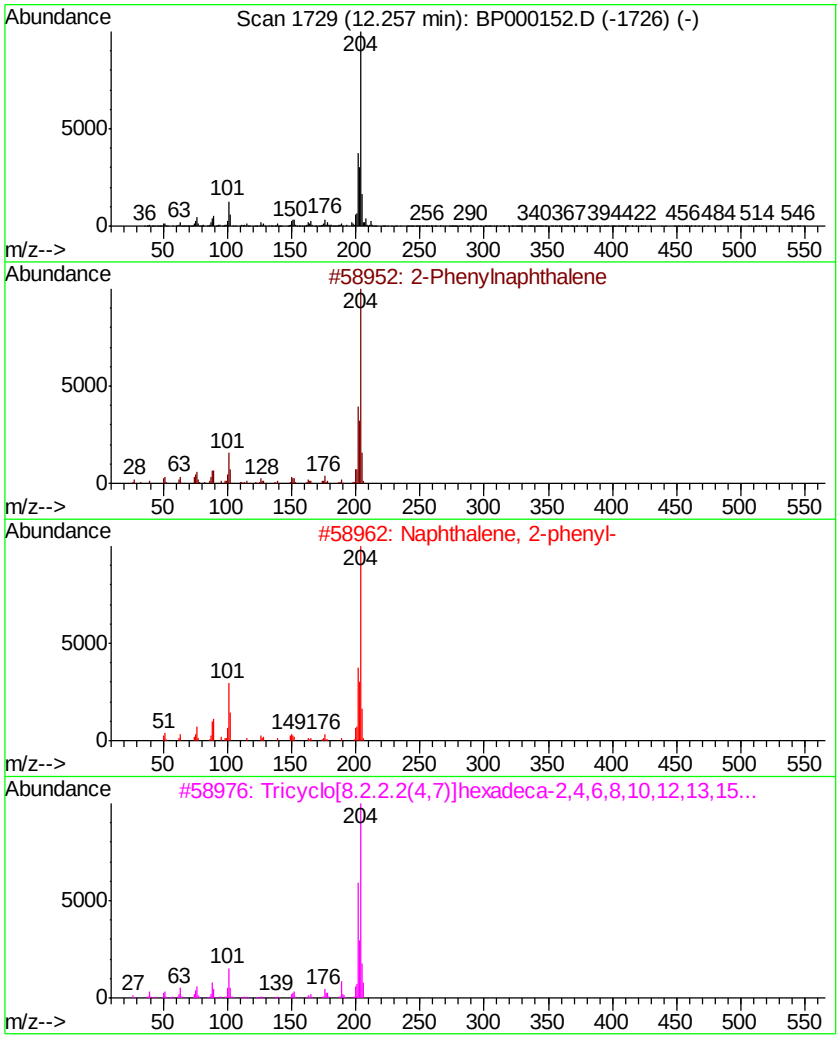
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

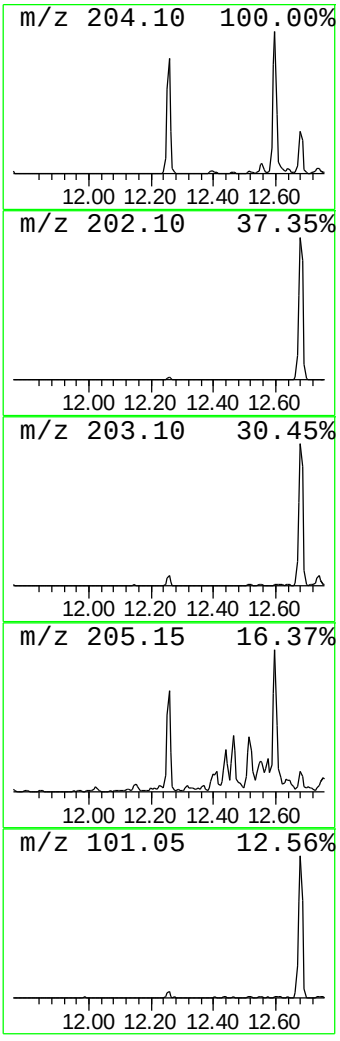
****

Peak Number 5 2-Phenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.29 ng/ul	477664	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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Acq On : 09 Sep 2019 23:17
Operator : HP/JU
Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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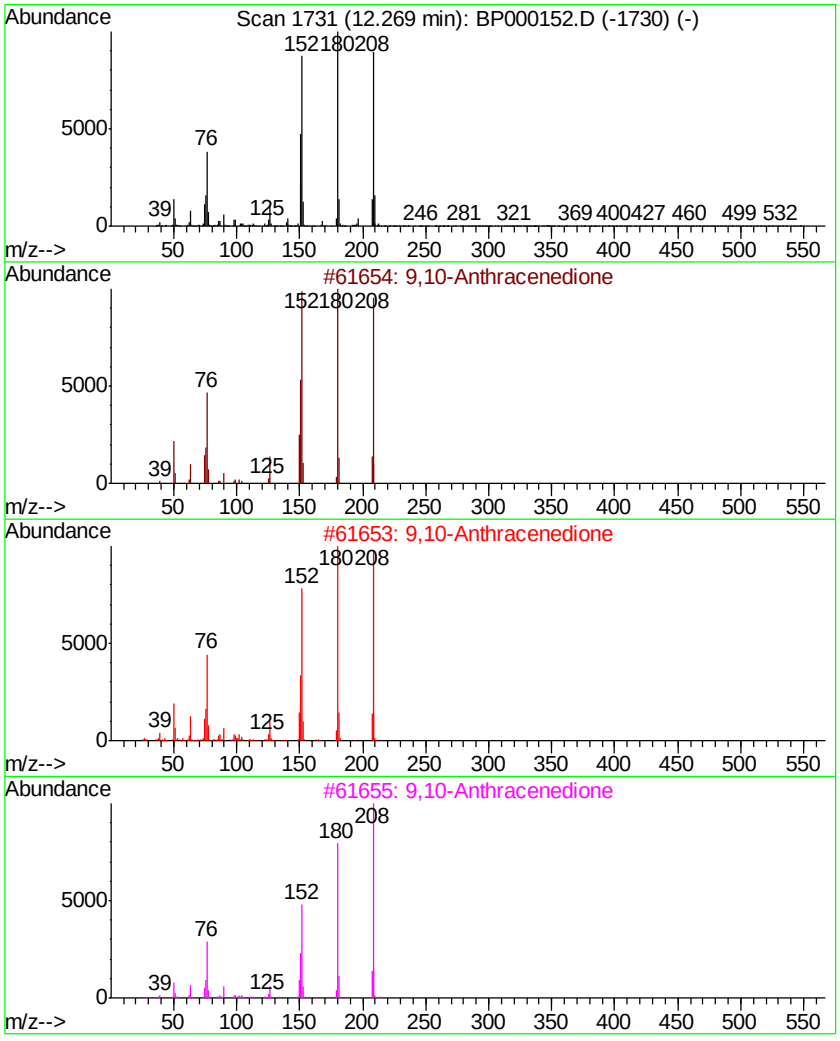
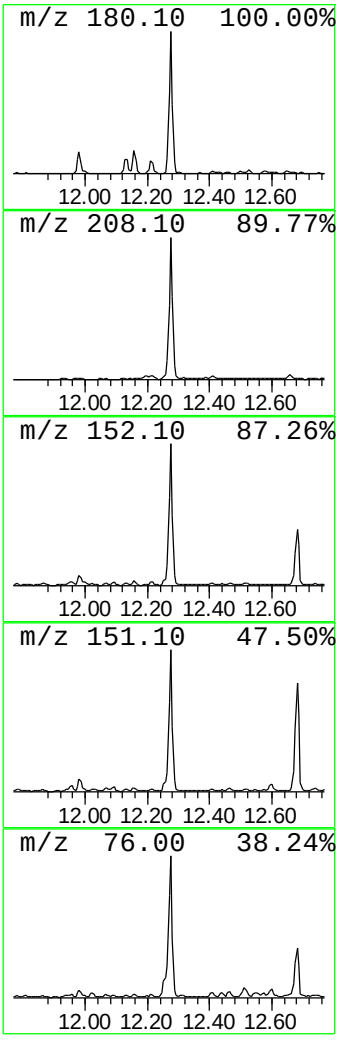
Peak Number 6 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.86 ng/ul	805312	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : F2D25

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Quant Title : SVOA CALIBRATION

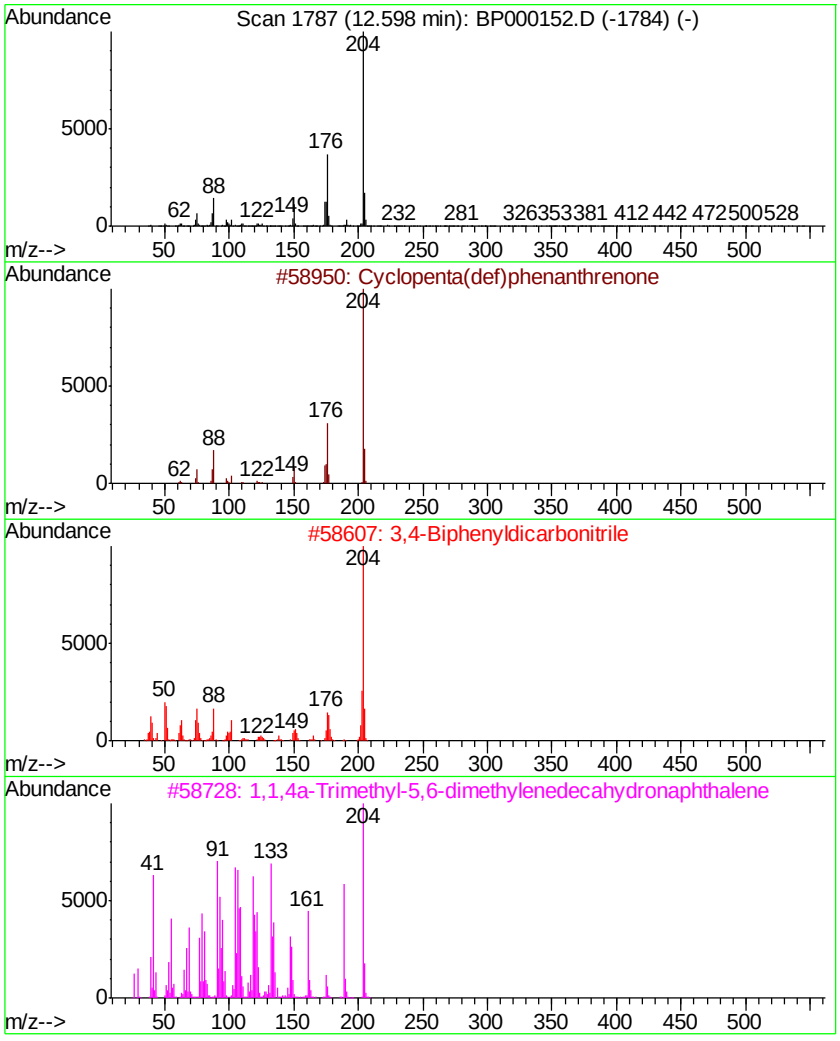
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

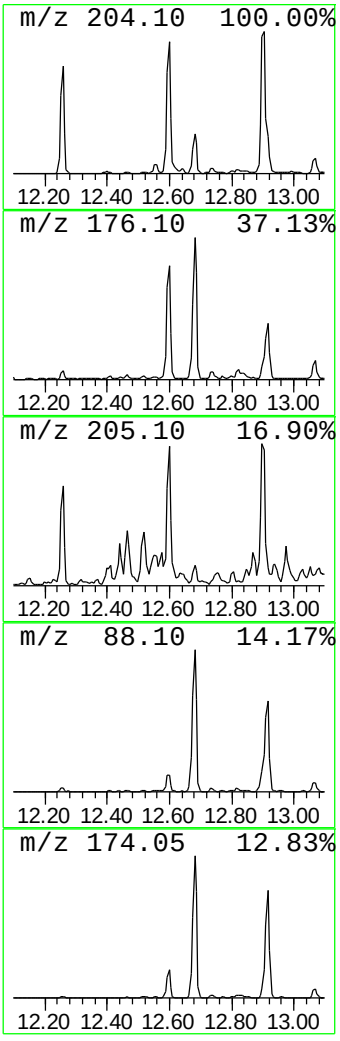
****

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.95 ng/ul	616185	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45





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ClientSampleId : F2D25

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Quant Title : SVOA CALIBRATION

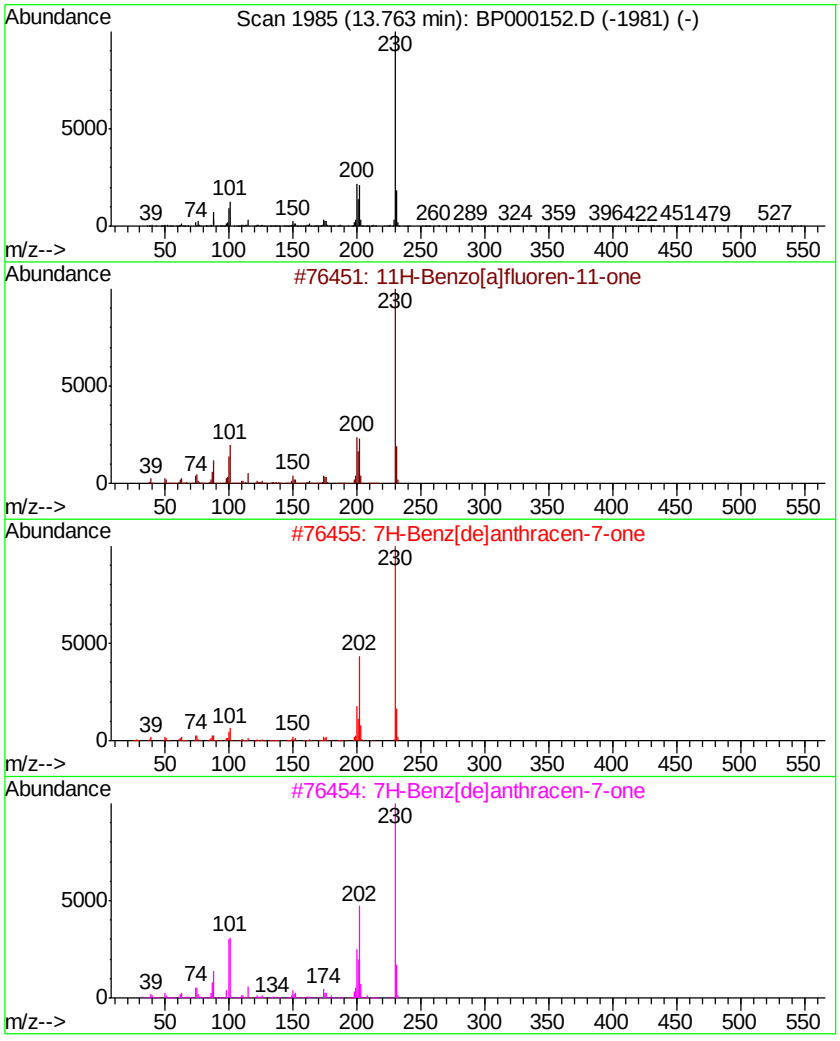
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

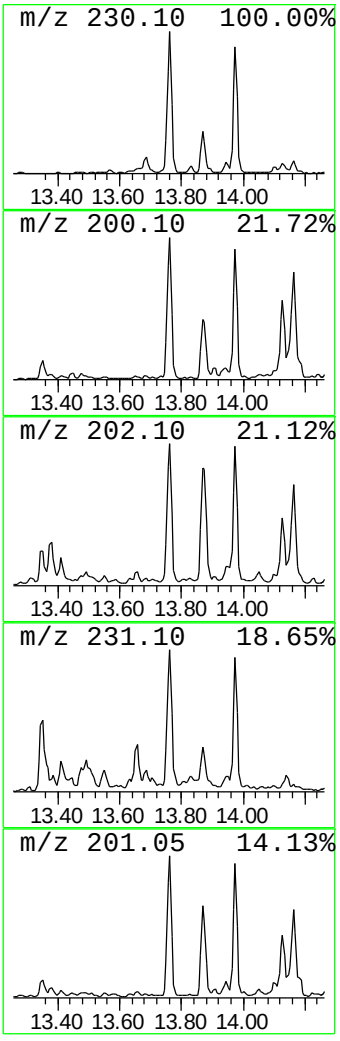
****

Peak Number 8 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.89 ng/ul	1370020	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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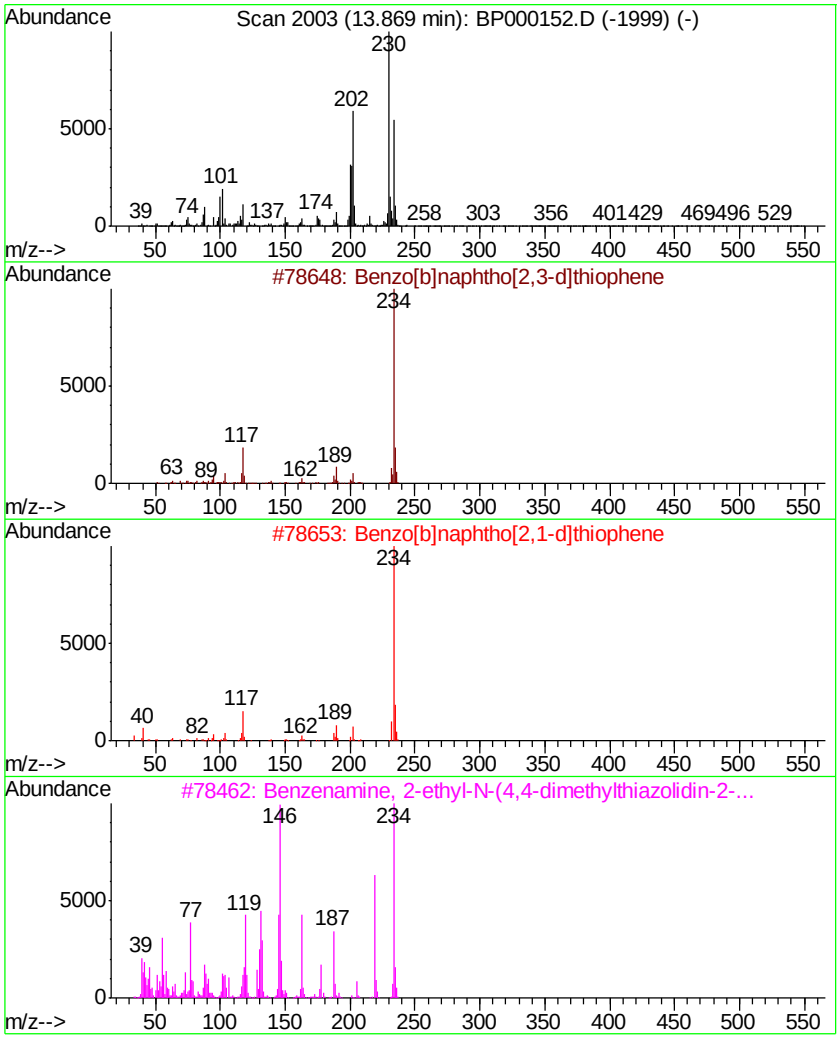
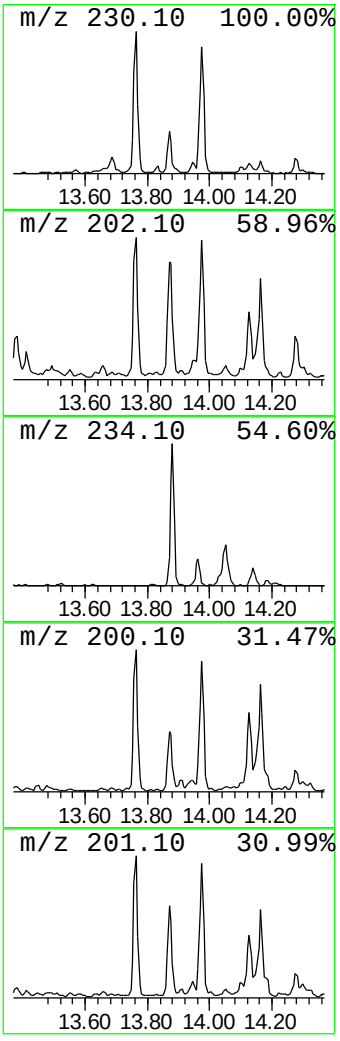
Peak Number 9 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.00 ng/ul	1423290	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
3	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	86
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64





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Misc :
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Quant Title : SVOA CALIBRATION

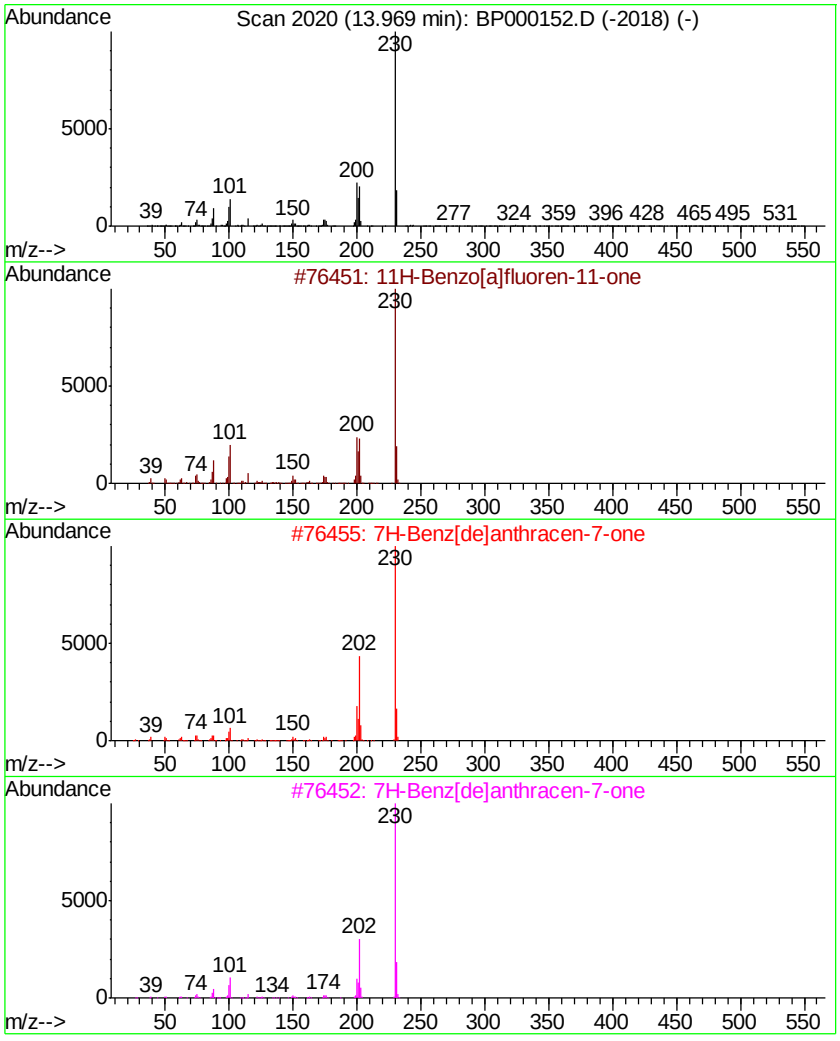
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

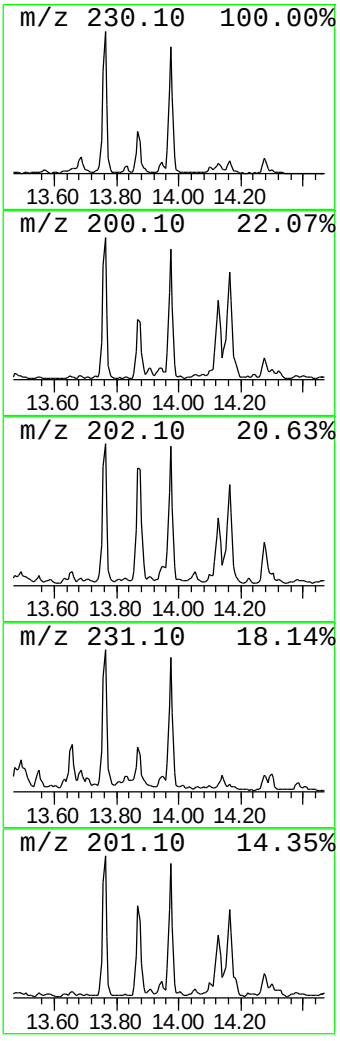
****

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.08 ng/ul	986314	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	6,6-Diphenylfulvene	230	C18H14	002175-90-8	64





Library Search Compound Report

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Misc :
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Quant Title : SVOA CALIBRATION

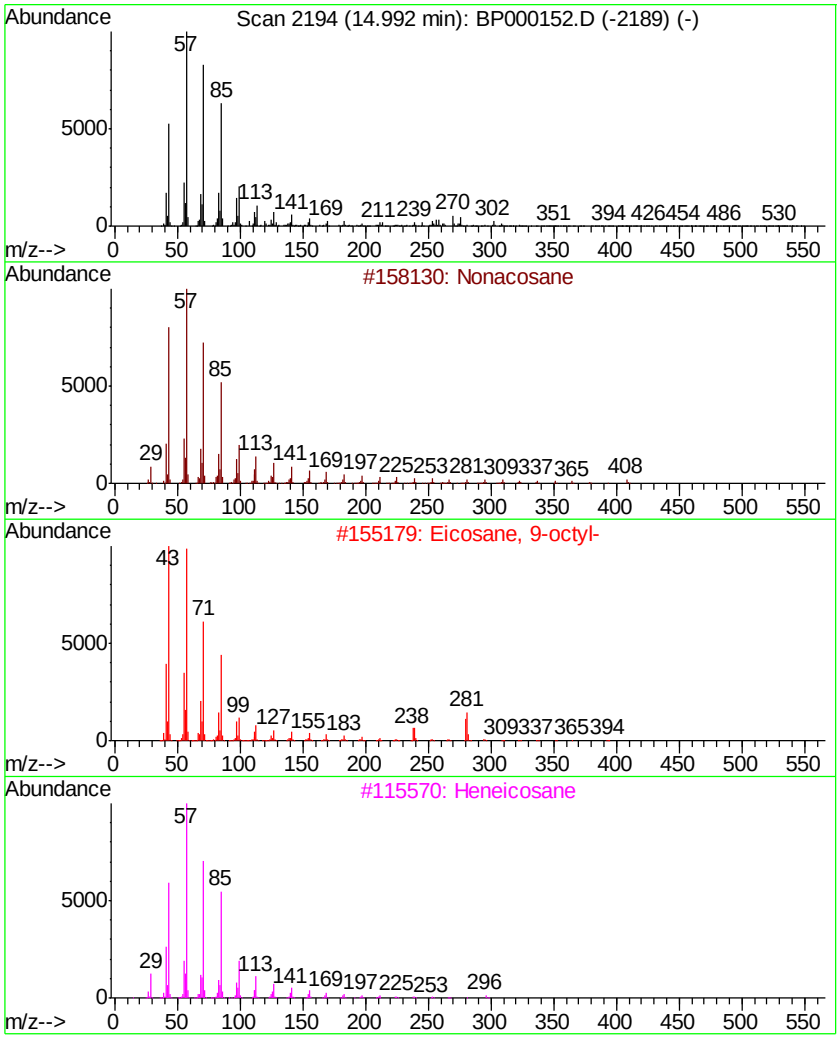
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

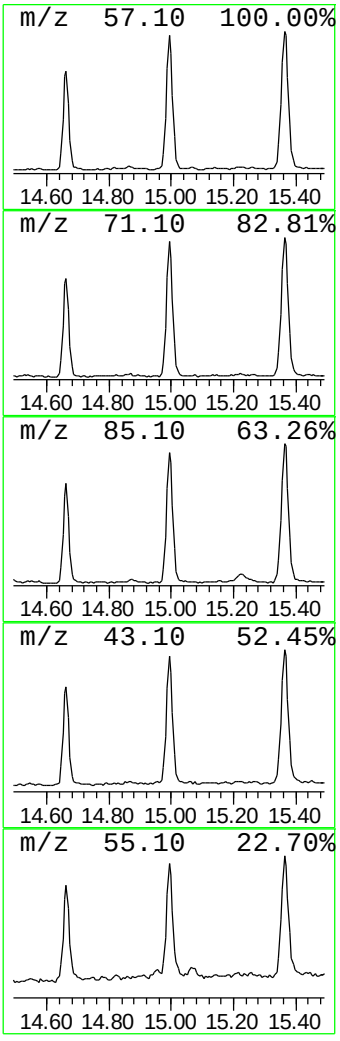
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.54 ng/ul	653066	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonacosane	408	C29H60	000630-03-5	83
5	Heptadecane	240	C17H36	000629-78-7	80





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Misc :
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Instrument : BNA_P
ClientSampleId : F2D25

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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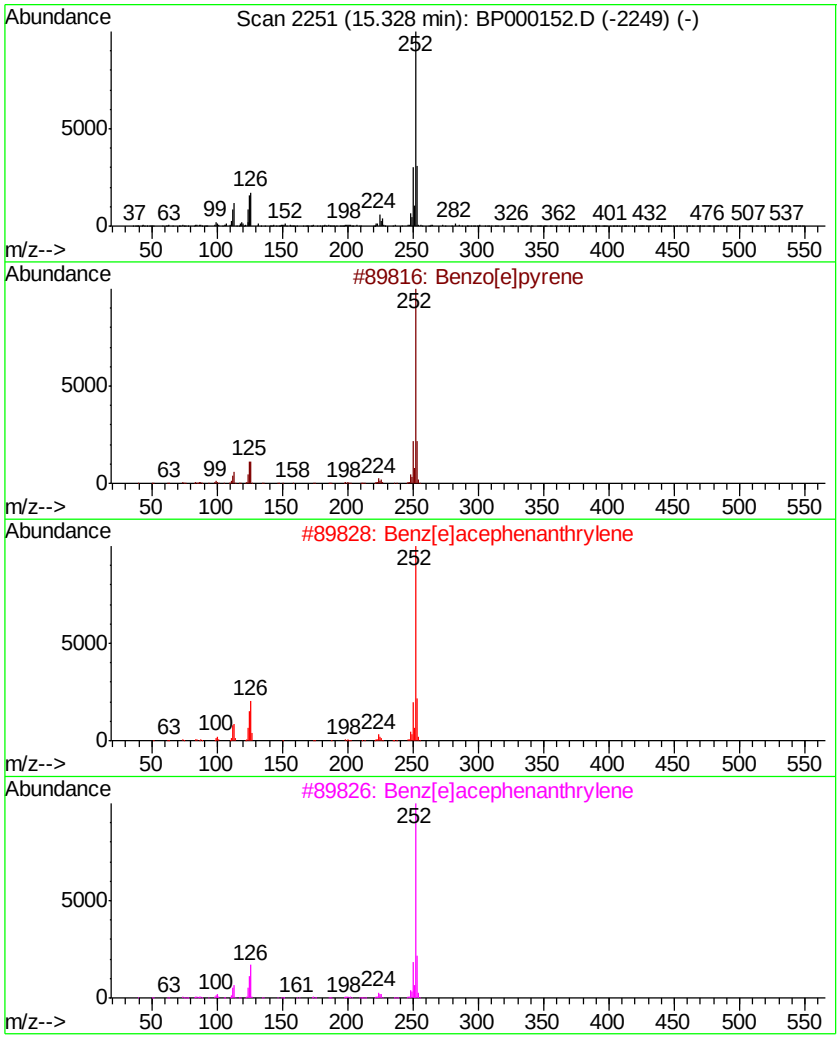
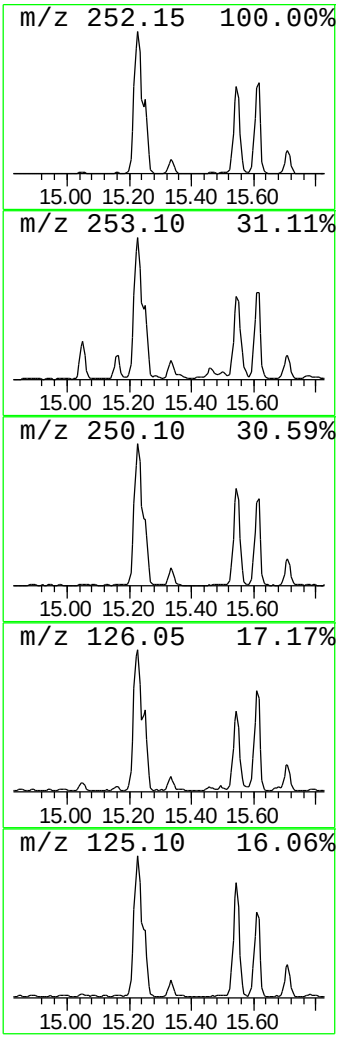
Peak Number 12 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.39 ng/ul	441069	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	89





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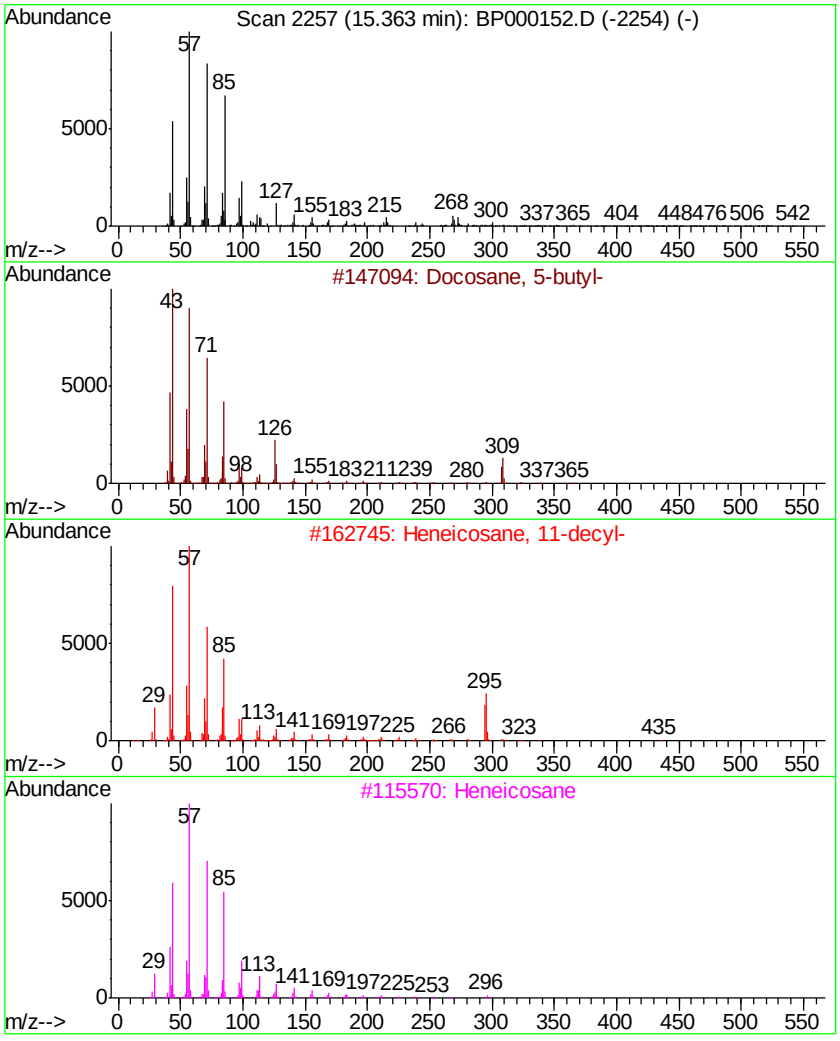
Quant Title : SVOA CALIBRATION

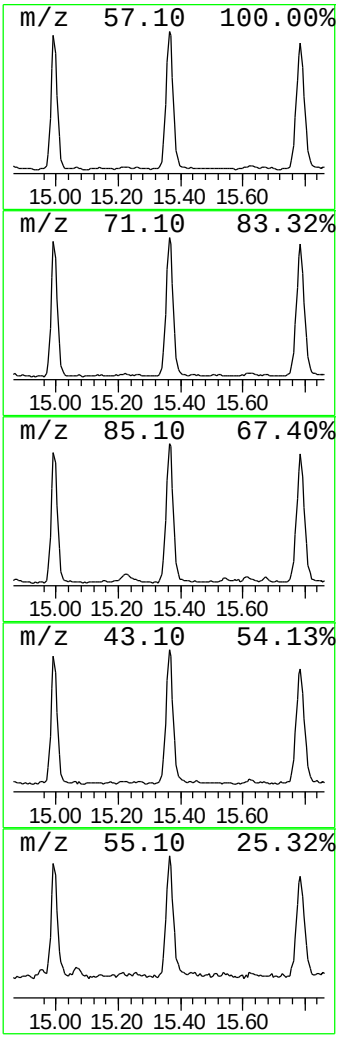
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.27 ng/ul	788589	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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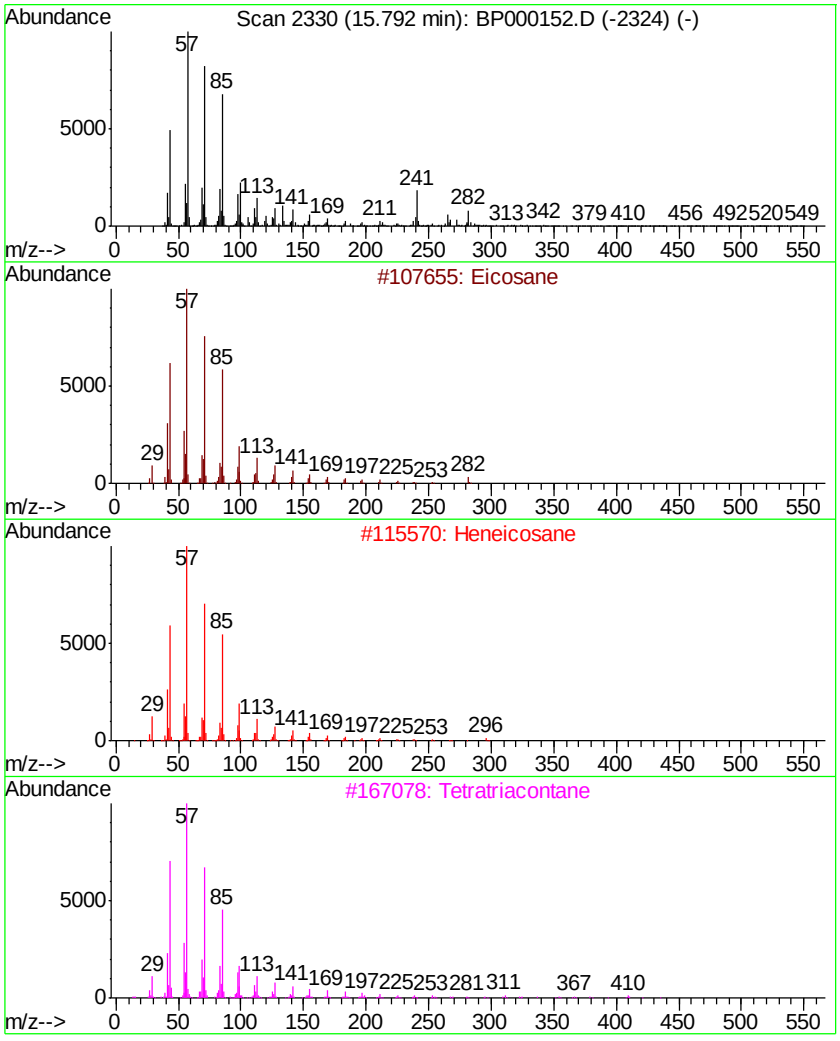
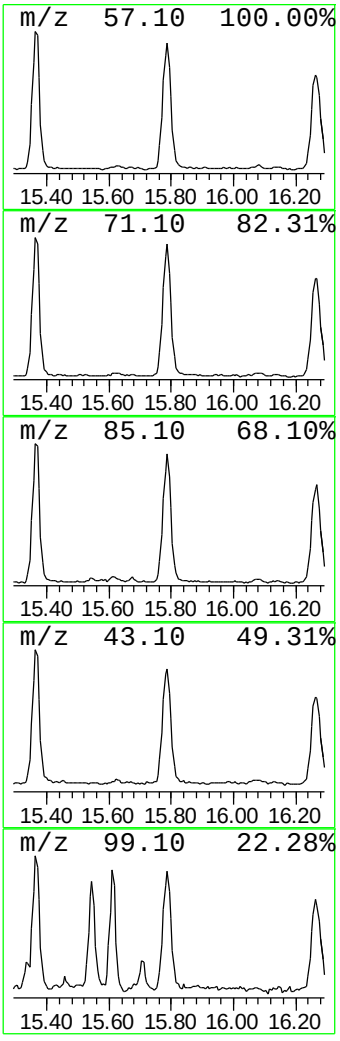
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	4.89 ng/ul	901873	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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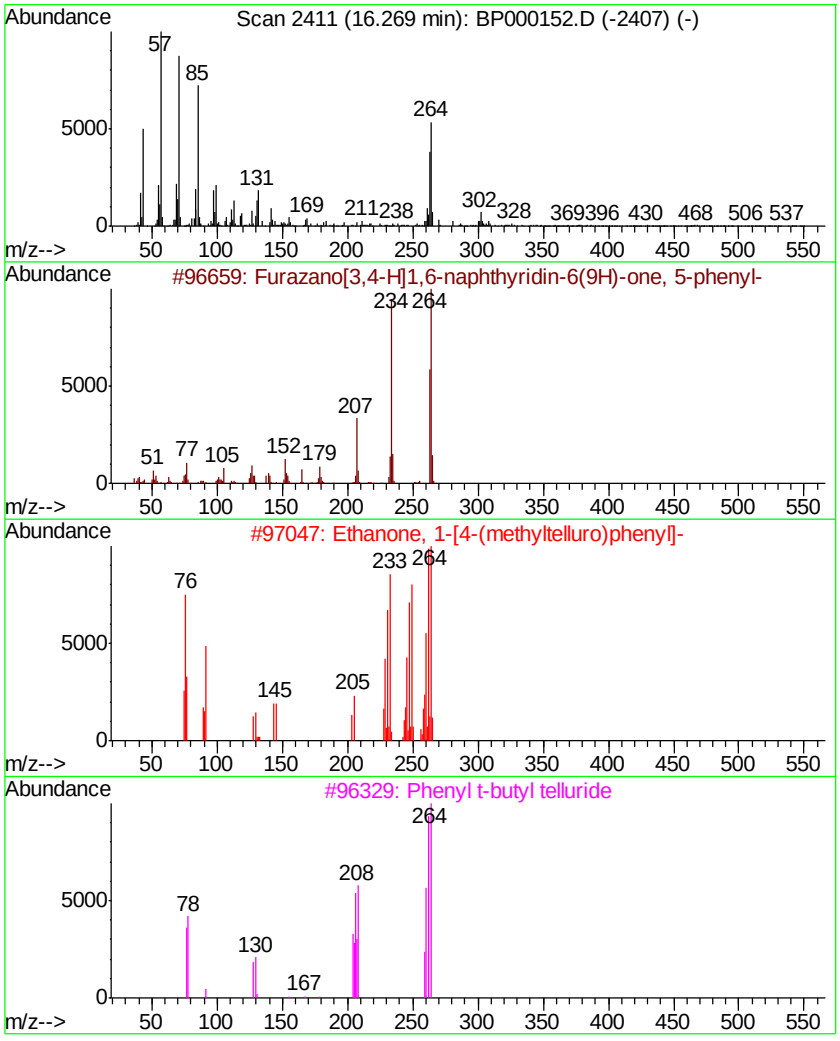
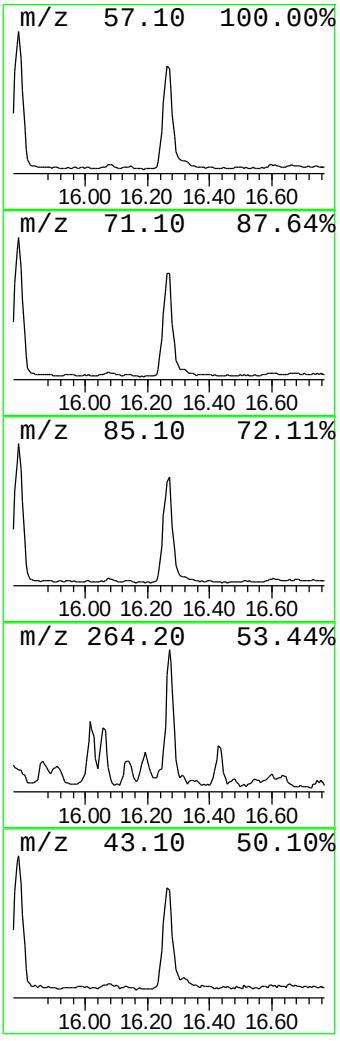
Peak Number 15 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	5.20 ng/ul	959689	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furazano[3,4-H]1,6-naphthyridin-...	264	C14H8N4O2	296245-19-7	12
2	Ethanone, 1-[4-(methyltelluro)ph...	264	C9H10OTe	032294-61-4	11
3	Phenyl t-butyl telluride	264	C10H14Te	083817-38-3	10
4	1H-Pyrrole, 2-bromo-5-[(5-bromo-...	356	C13H14Br2N2	006921-53-5	10
5	2-Trifluoromethyl-1,8-phenanthro...	264	C13H7F3N2O	1000255-81-8	9





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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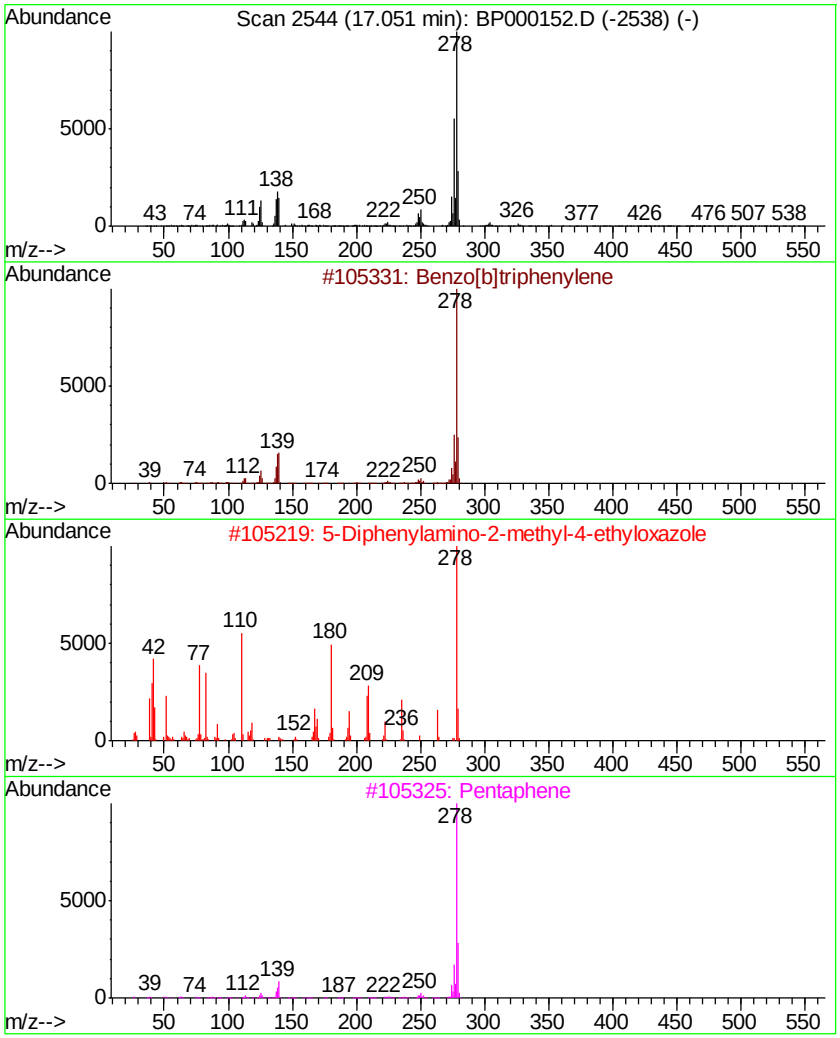
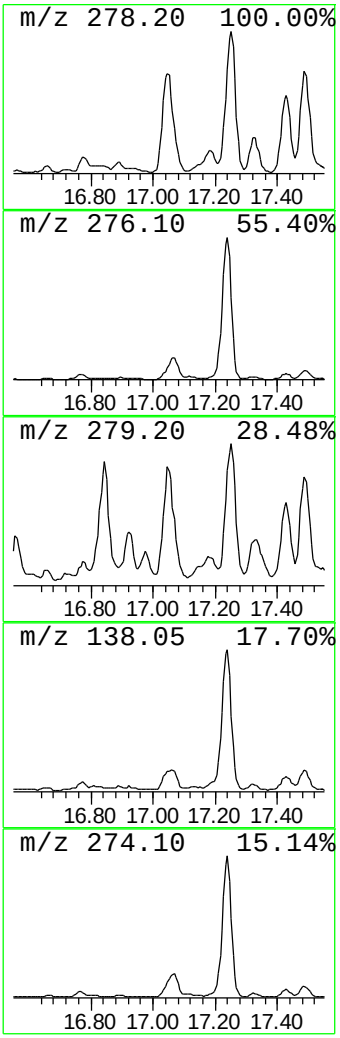
Peak Number 16 Benzo[b]triphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	5.18 ng/ul	955862	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	5-Diphenylamino-2-methyl-4-ethyl...	278	C18H18N2O	066927-32-0	83
3	Pentaphene	278	C22H14	000222-93-5	83
4	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	64
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	64





Tentatively Identified Compound (LSC) summary

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Sample : K4634-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.17	185.6	ng/ul	22241200	1	6.89	2396920	20.0
Anthracene, 2-met...	11.96	2.7	ng/ul	567006	4	11.45	4176300	20.0
Phenanthrene, 2-m...	11.99	4.7	ng/ul	980789	4	11.45	4176300	20.0
4H-Cyclopenta[def...	12.07	4.0	ng/ul	833225	4	11.45	4176300	20.0
2-Phenylnaphthalene	12.26	2.3	ng/ul	477664	4	11.45	4176300	20.0
9,10-Anthracenedione	12.27	3.9	ng/ul	805312	4	11.45	4176300	20.0
Cyclopenta(def)ph...	12.60	3.0	ng/ul	616185	4	11.45	4176300	20.0
7H-Benz[de]anthra...	13.76	2.9	ng/ul	1370020	5	14.14	9489140	20.0
Benzo[b]naphtho[2...	13.87	3.0	ng/ul	1423290	5	14.14	9489140	20.0
11H-Benzo[a]fluor...	13.97	2.1	ng/ul	986314	5	14.14	9489140	20.0
(DEL) Alkane: Str...	14.99	3.5	ng/ul	653066	6	15.68	3690540	20.0
Benzo[e]pyrene	15.33	2.4	ng/ul	441069	6	15.68	3690540	20.0
(DEL) Alkane: Str...	15.36	4.3	ng/ul	788589	6	15.68	3690540	20.0
(DEL) Alkane: Str...	15.79	4.9	ng/ul	901873	6	15.68	3690540	20.0
unknown-01	16.27	5.2	ng/ul	959689	6	15.68	3690540	20.0
Benzo[b]triphenylene	17.05	5.2	ng/ul	955862	6	15.68	3690540	20.0