LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114536.D
Acq On : 23 May 2019 21:08
Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

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-BF051019.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	5.440	567	570	592	rVB	702837	1023273	11.65%	0.873%
2	5.645	600	605	619	rBV2	468486	721758	8.21%	0.616%
3	6.457	740	743	753	rBV	933772	1114909	12.69%	0.951%
4	6.587	762	765	771	rVB	1176485	1095713	12.47%	0.935%
5	6.645	771	775	780	rBV2	451063	517504	5.89%	0.441%
6	6.686	780	782	790	rVB	165976	188000	2.14%	0.160%
7	6.810	800	803	811	rBV	1315918	1191698	13.56%	1.017%
8	6.969	826	830	839	rVB	990391	883747	10.06%	0.754%
9	7.075	844	848	856	rBV	439303	533406	6.07%	0.455%
10	7.375	896	899	904	rBV	703425	669194	7.62%	0.571%
11	7.669	942	949	955	rBV	515312	605628	6.89%	0.517%
12	8.092	1015	1021	1023	rBV	1970666	1643762	18.71%	1.402%
13	8.116	1023	1025	1033	rVB2	443793	431654	4.91%	0.368%
14	8.310	1055	1058	1061	rVB	203420	170362	1.94%	0.145%
15	8.369	1065	1068	1077	rVB2	255365	296137	3.37%	0.253%
16	8.639	1109	1114	1120	rBV4	62915	187684	2.14%	0.160%
17	8.804	1138	1142	1150	rVB2	173377	241340	2.75%	0.206%
18	8.904	1157	1159	1166	rVB	155760	180548	2.05%	0.154%
19	9.163	1197	1203	1207	rBV	1507465	1563709	17.80%	1.334%
20	9.575	1268	1273	1279	rVV2	291688	434716	4.95%	0.371%
21	9.710	1291	1296	1302	rVB	1143234	1094297	12.45%	0.933%
22	9.845	1316	1319	1323	rVV	1957609	1855604	21.12%	1.583%
23	10.398	1410	1413	1418	rVB3	182536	250952	2.86%	0.214%
24	10.639	1450	1454	1458	rVB	875242	834235	9.49%	0.712%
25	10.763	1470	1475	1480	rBV3	215392	318501	3.62%	0.272%
26	11.069	1525	1527	1530	rVV2	162095	177160	2.02%	0.151%
27	11.145	1537	1540	1544	rVV	210690	241737	2.75%	0.206%
28	11.186	1544	1547	1550	rVV2	172453	249088	2.83%	0.212%
29	11.233	1552	1555	1560	rVB2	173185	226899	2.58%	0.194%
30	11.333	1569	1572	1574	rBV	1929030	1841846	20.96%	1.571%
31	11.363	1574	1577	1580	rVV	2223961	2019496	22.98%	1.723%
32	11.410	1582	1585	1588	rVV	1223497	1058960	12.05%	0.903%
33	11.569	1609	1612	1618	rBV3	181694	380914	4.34%	0.325%
34	11.621	1618	1621	1624	rVV2	333920	354016	4.03%	0.302%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.839	1654	1658	1660	rBV	633663	605187	6.89%	0.516%
36	11.869	1660	1663	1667	rVB	961774	922607	10.50%	0.787%
37	11.916	1668	1671	1673	rVV	422312	363413	4.14%	0.310%
38	11.951	1673	1677	1679	rVV2	1287617	1302809	14.83%	1.111%
39	11.974	1679	1681	1685	rVB	477199	412105	4.69%	0.352%
40	12.127	1704	1707	1712	rBV	595003	581167	6.61%	0.496%
41	12.168	1712	1714	1718	rVB2	383004	350380	3.99%	0.299%
42	12.316	1736	1739	1741	rVB	264980	196926	2.24%	0.168%
43	12.339	1741	1743	1746	rVB	232827	176282	2.01%	0.150%
44	12.386	1748	1751	1754	rBV	712224	734440	8.36%	0.627%
45	12.427	1754	1758	1760	rVV3	429528	649755	7.40%	0.554%
46	12.486	1764	1768	1771	rVB2	801122	846658	9.64%	0.722%
47	12.563	1776	1781	1784	rBV	6038935	6897825	78.51%	5.884%
48	12.598	1784	1787	1788	rVV	189536	183662	2.09%	0.157%
49	12.621	1788	1791	1793	rVV	250142	246620	2.81%	0.210%
50	12.651	1793	1796	1799	rVV	987880	952542	10.84%	0.813%
51	12.704	1802	1805	1807	rVV2	424330	460521	5.24%	0.393%
52	12.727	1807	1809	1813	rVV2	220971	292323	3.33%	0.249%
53	12.798	1813	1821	1824	rVV2	6084479	8786370	100.00%	7.495%
54	12.833	1824	1827	1831	rVB2	501154	560995	6.38%	0.479%
55	12.916	1836	1841	1844	rVV2	1407254	1546181	17.60%	1.319%
56	12.945	1844	1846	1850	rVB	382407	409190	4.66%	0.349%
57	13.004	1851	1856	1862	rBV3	714733	1309051	14.90%	1.117%
58	13.110	1872	1874	1877	rVB	1230840	1124327	12.80%	0.959%
59	13.180	1883	1886	1888	rBV	564487	513591	5.85%	0.438%
60	13.215	1888	1892	1896	rVV2	1154997	1228977	13.99%	1.048%
61	13.274	1899	1902	1905	rBV3	207389	232820	2.65%	0.199%
62	13.310	1905	1908	1910	rBV	789343	644861	7.34%	0.550%
63	13.339	1910	1913	1917	rBV	788494	704152	8.01%	0.601%
64	13.486	1935	1938	1940	rBV2	257342	234832	2.67%	0.200%
65	13.627	1959	1962	1965	rVB	831355	718651	8.18%	0.613%
66	13.733	1977	1980	1982	rBV2	648992	632820	7.20%	0.540%
67	13.757	1982	1984	1986	rVV	957370	733445	8.35%	0.626%
68	13.786	1986	1989	1995	rVV2	1091081	1483400	16.88%	1.265%
69	13.839	1995	1998	2003	rVB	833093	845261	9.62%	0.721%
70	13.980	2015	2022	2026	rBV2	4334012	7671358	87.31%	6.544%
71	14.015	2026	2028	2035	rVV	3816986	4137176	47.09%	3.529%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : RO-SOIL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.092	2039	2041	2044	rVV2	498103	409514	4.66%	0.349%
73	14.139	2046	2049	2054	rVV2	908649	1155835	13.15%	0.986%
74	14.215	2058	2062	2065	rBV3	270084	426913	4.86%	0.364%
75	14.333	2080	2082	2084	rBV	295807	274373	3.12%	0.234%
76	14.374	2084	2089	2092	rVV	1117040	1157772	13.18%	0.988%
77	14.404	2092	2094	2096	rVB	389540	279161	3.18%	0.238%
78	14.433	2096	2099	2100	rBV2	388986	372647	4.24%	0.318%
79	14.498	2108	2110	2112	rBV	616810	587430	6.69%	0.501%
80	14.562	2119	2121	2124	rVB2	485141	426859	4.86%	0.364%
81	14.698	2141	2144	2147	rBV2	278516	430133	4.90%	0.367%
82	14.733	2147	2150	2156	rVB2	823985	990721	11.28%	0.845%
83	14.874	2170	2174	2177	rVB	514689	565192	6.43%	0.482%
84	15.045	2196	2203	2205	rBV2	3601428	7343231	83.58%	6.264%
85	15.139	2215	2219	2223	rVB	1199624	1280600	14.57%	1.092%
86	15.221	2230	2233	2234	rBV2	192473	204616	2.33%	0.175%
87	15.339	2247	2253	2259	rVB	2805409	3965580	45.13%	3.383%
88	15.409	2259	2265	2268	rVV2	3547148	6041700	68.76%	5.154%
89	15.462	2272	2274	2276	rVV	1038329	1072667	12.21%	0.915%
90	15.492	2276	2279	2285	rVB2	1278299	1723902	19.62%	1.471%
91	15.862	2337	2342	2346	rBV	659411	1015447	11.56%	0.866%
92	16.015	2365	2368	2373	rVB	350046	447746	5.10%	0.382%
93	16.356	2421	2426	2430	rVB2	367251	588898	6.70%	0.502%
94	16.721	2483	2488	2492	rBV2	315337	582201	6.63%	0.497%
95	16.768	2492	2496	2501	rVB	288242	459697	5.23%	0.392%
96	16.945	2517	2526	2531	rBV2	1946210	4519671	51.44%	3.855%
97	17.098	2546	2552	2557	rBV	415897	840673	9.57%	0.717%
98	17.156	2557	2562	2570	rVB2	362378	733574	8.35%	0.626%
99	17.398	2593	2603	2613	rVB	1710678	4064546	46.26%	3.467%
100	17.627	2636	2642	2653	rVB	386582	976067	11.11%	0.833%

Sum of corrected areas: 117228493

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114536.D
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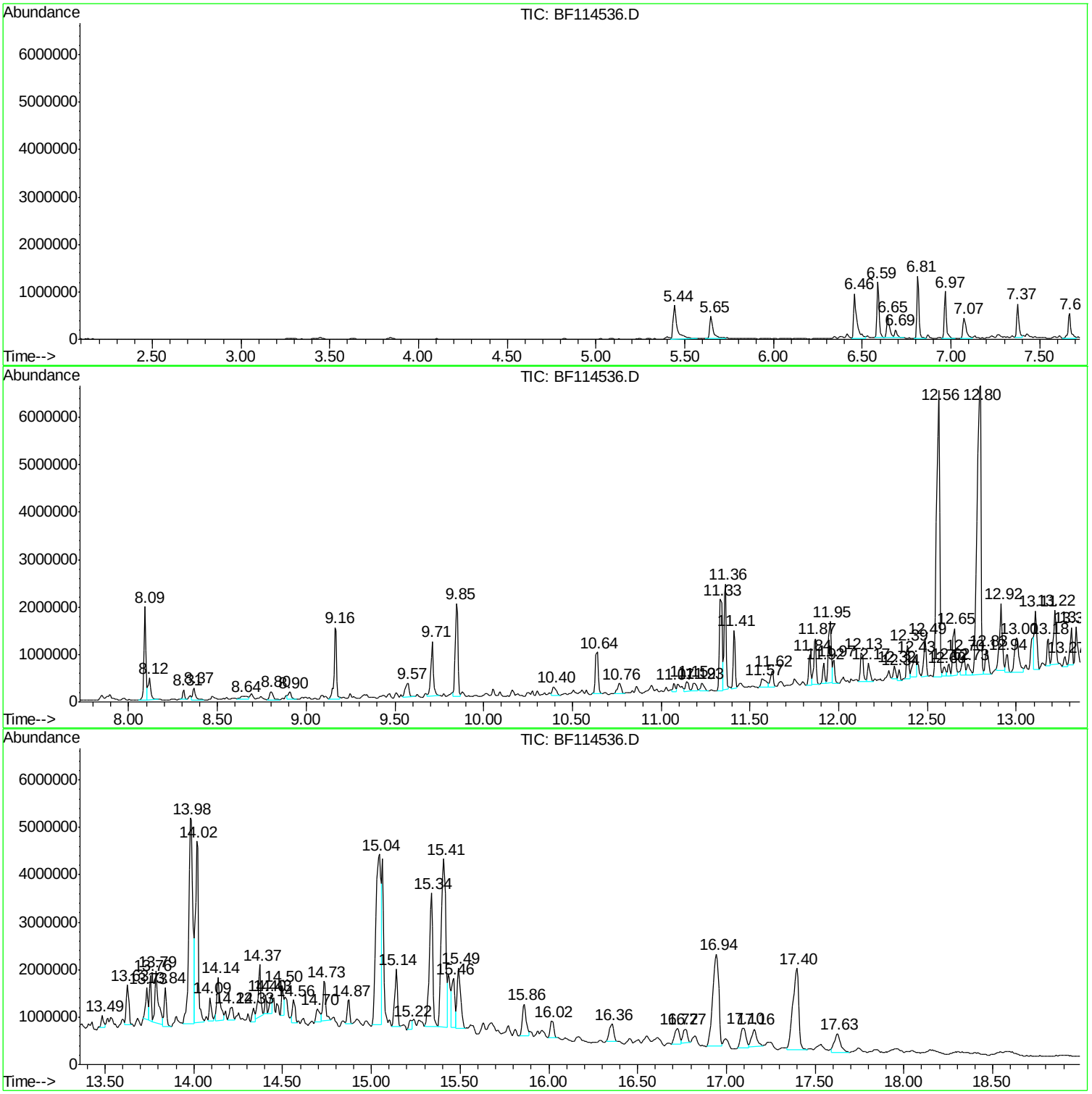
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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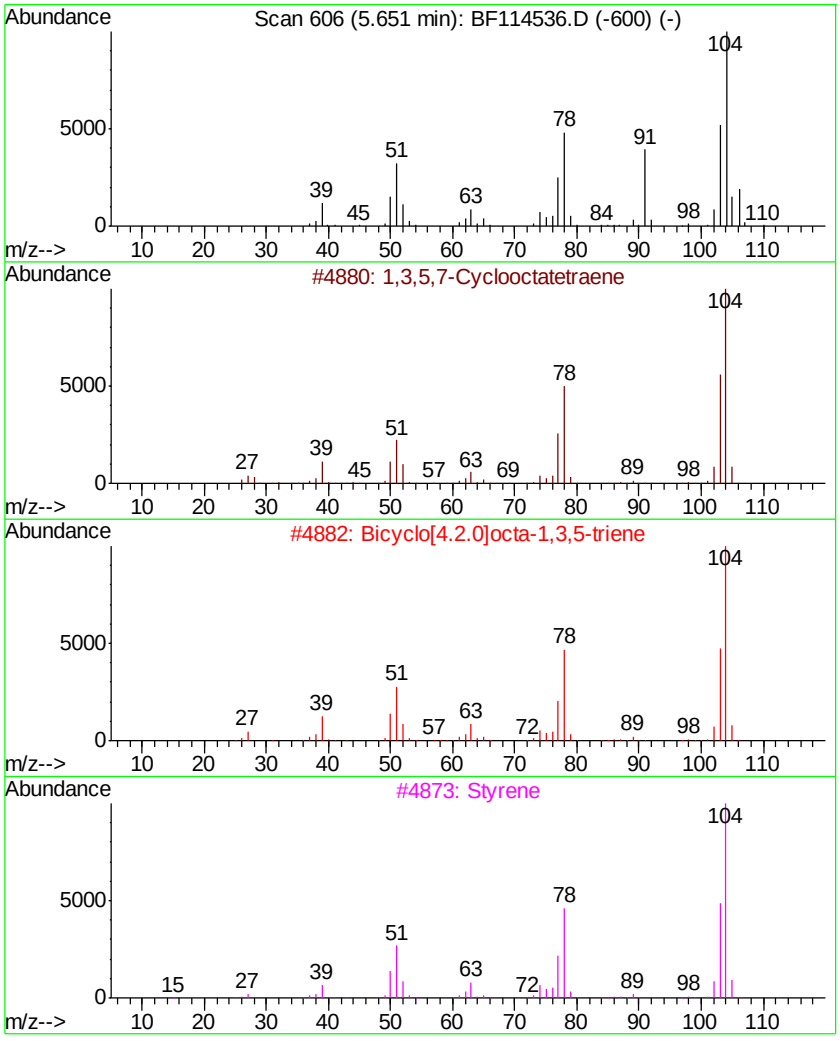
TIC Integration Parameters: LSCINT.P

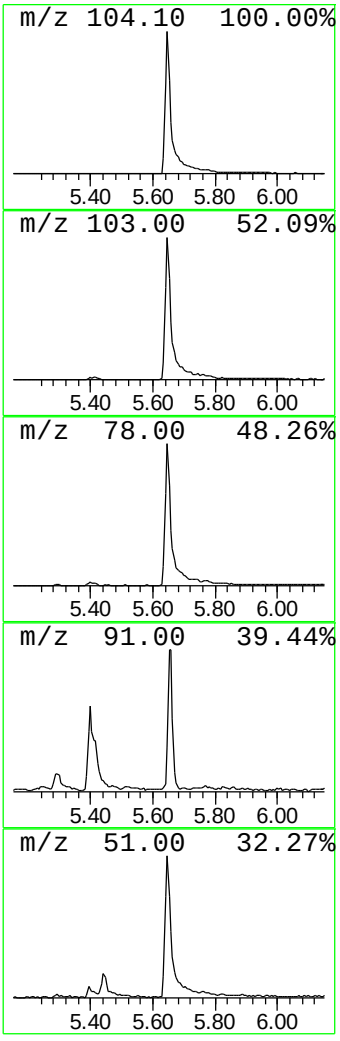
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	12.11 ng	721758	1,4-Dichlorobenzene-d4	6.81

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	96
3	Styrene	104	C8H8	000100-42-5	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	64





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RO-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

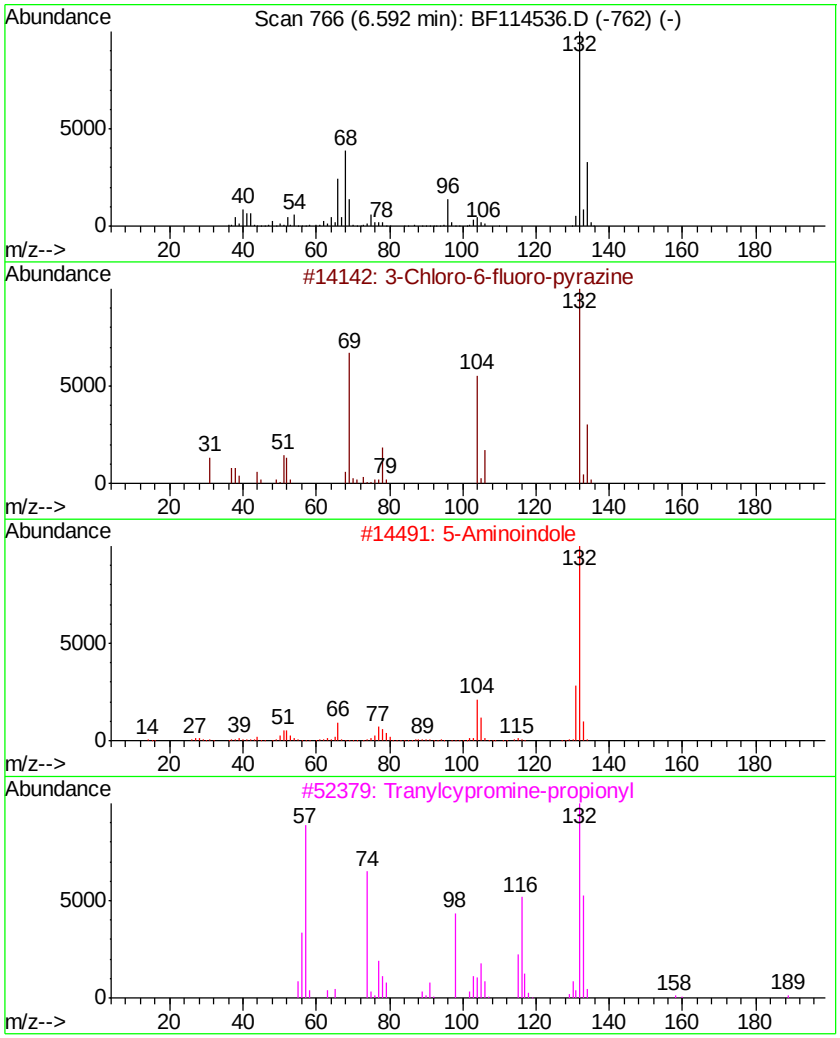
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

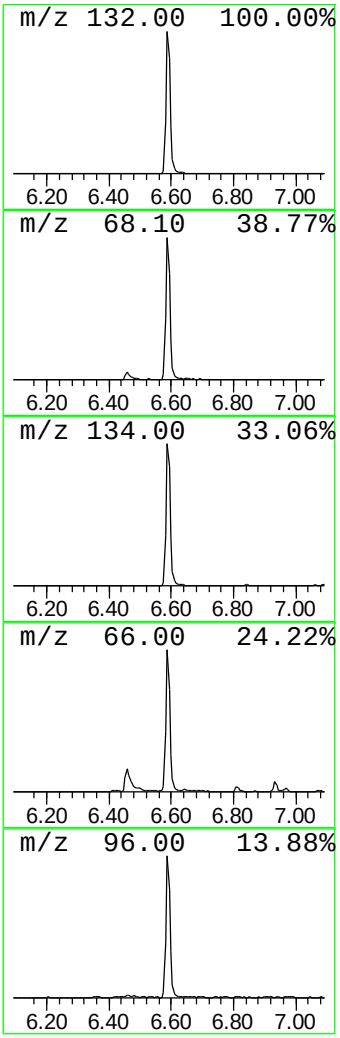
****

Peak Number 2 unknown6.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	18.39 ng	1095710	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

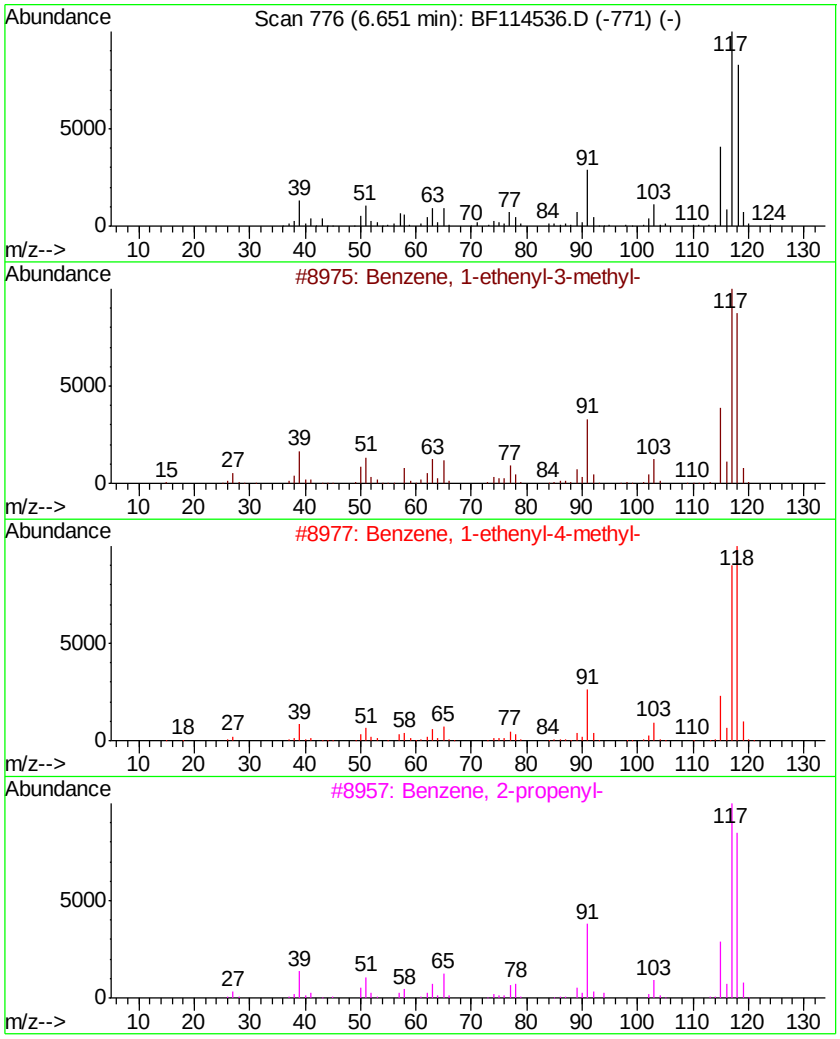
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

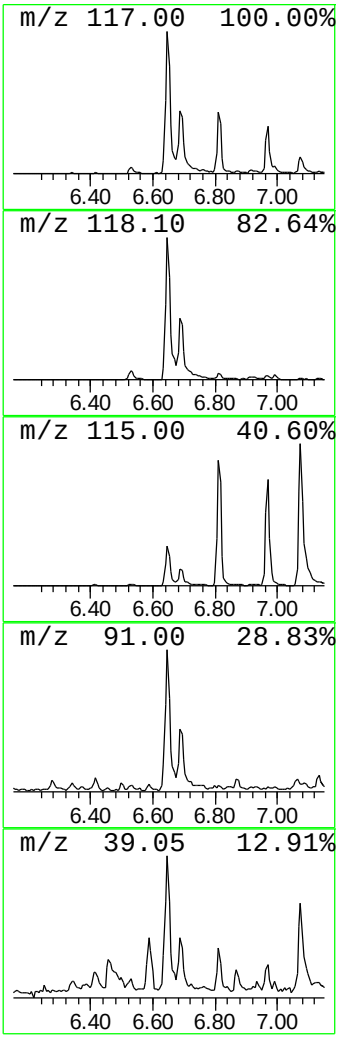
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	8.69 ng	517504	1,4-Dichlorobenzene-d4	6.81

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, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

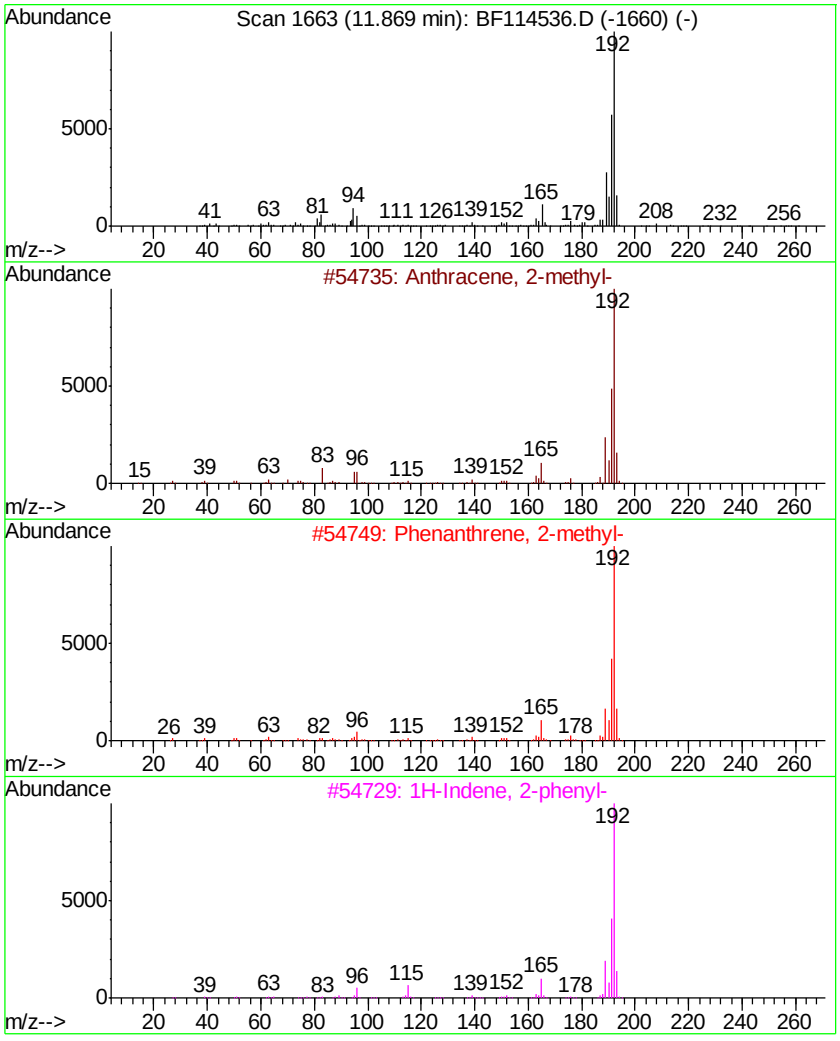
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

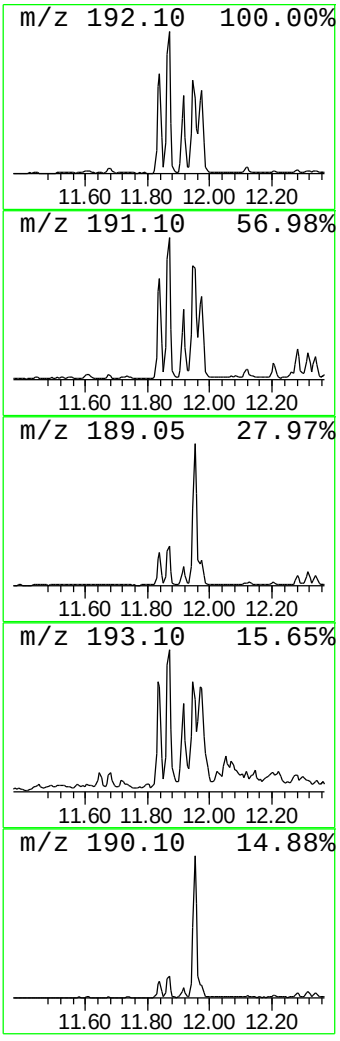
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	10.02 ng	922607	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Data File : BF114536.D
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Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

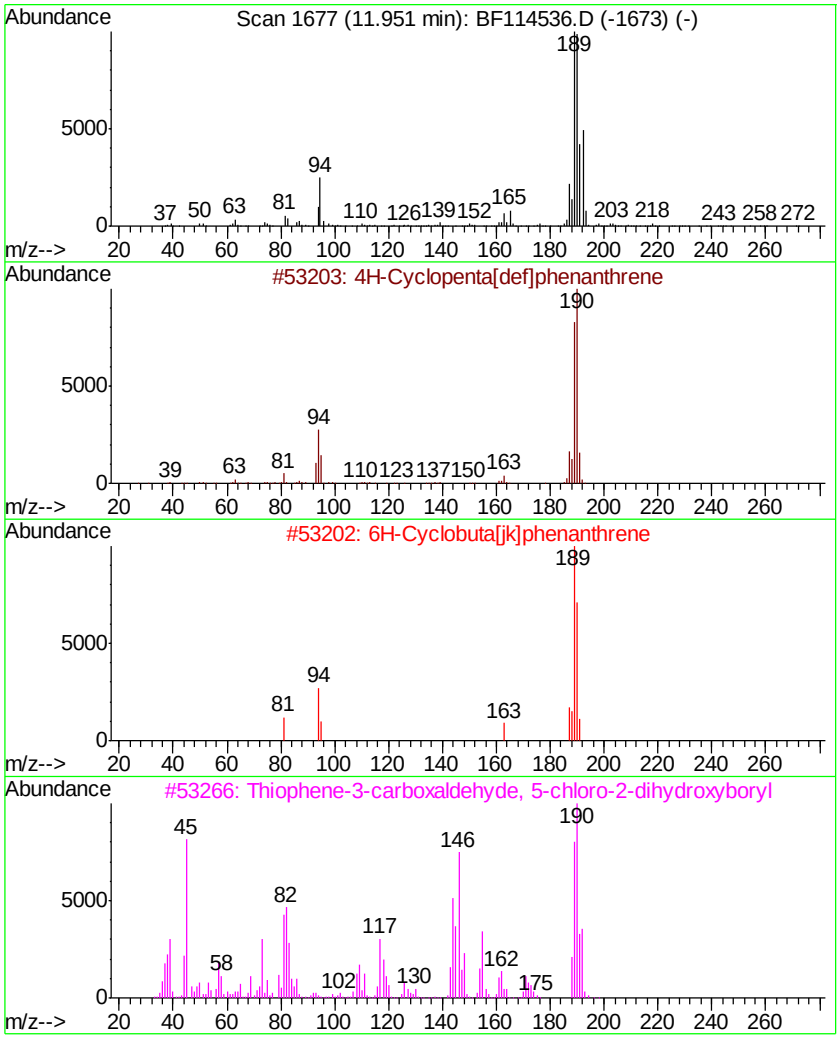
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

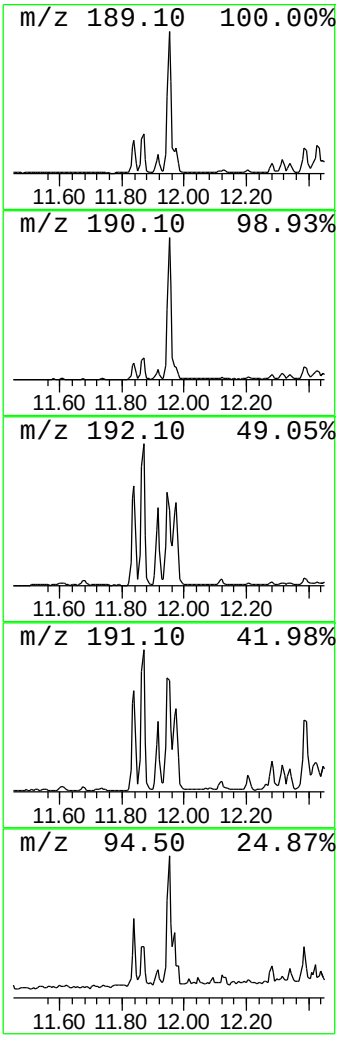
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	14.15 ng	1302810	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	37





Library Search Compound Report

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Data File : BF114536.D
Acq On : 23 May 2019 21:08
Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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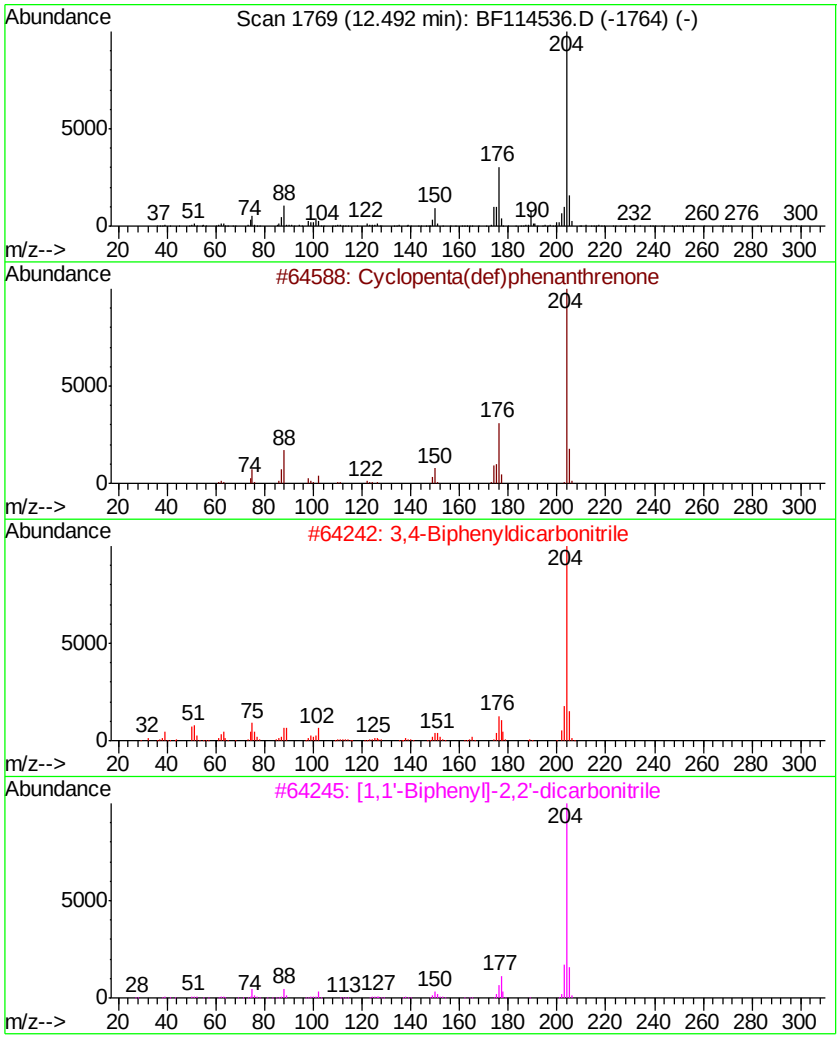
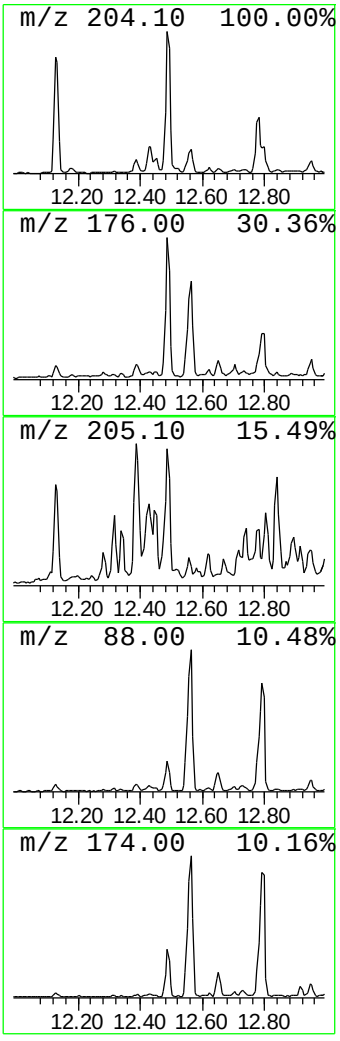
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	9.19 ng	846658	Phenanthrene-d10	11.33

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	56
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	50
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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Sample : K2978-01 2X
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Instrument : BNA_F
ClientSampleId : RO-SOIL

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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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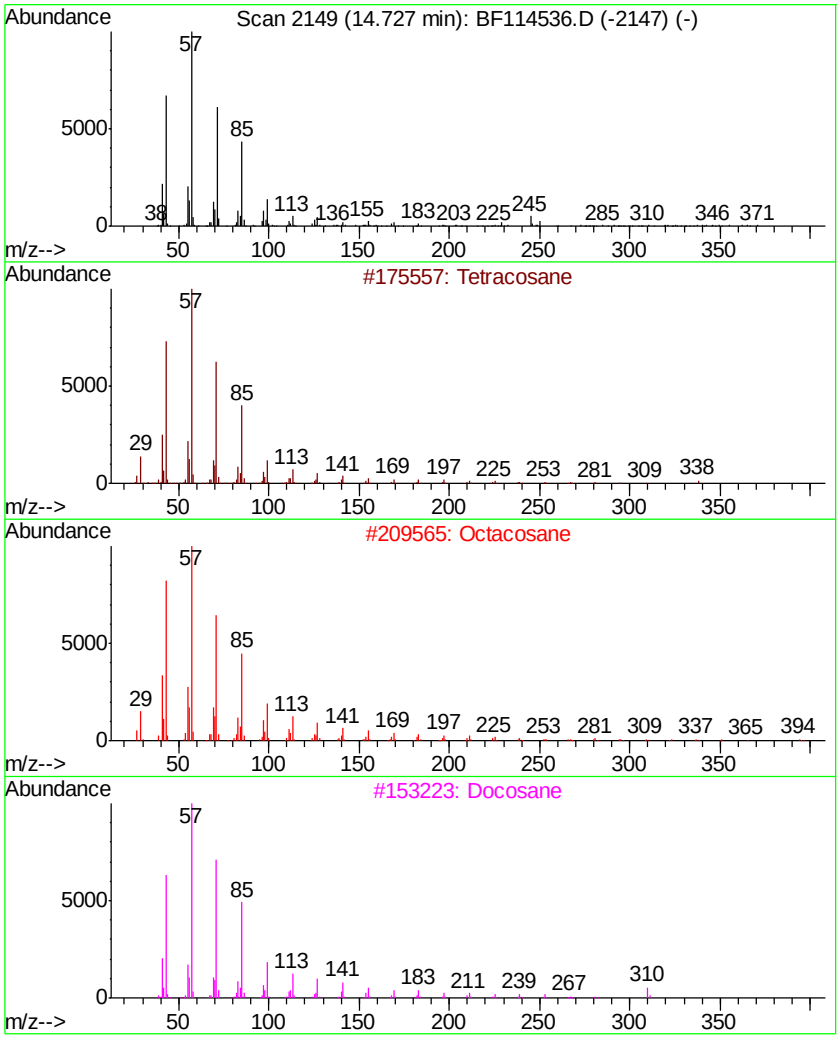
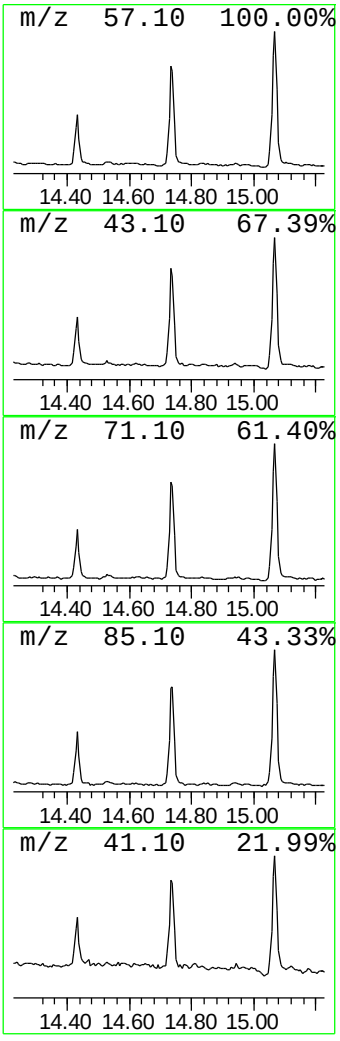
Peak Number 10 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	18.47 ng	990721	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Docosane	310	C22H46	000629-97-0	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Library Search Compound Report

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Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

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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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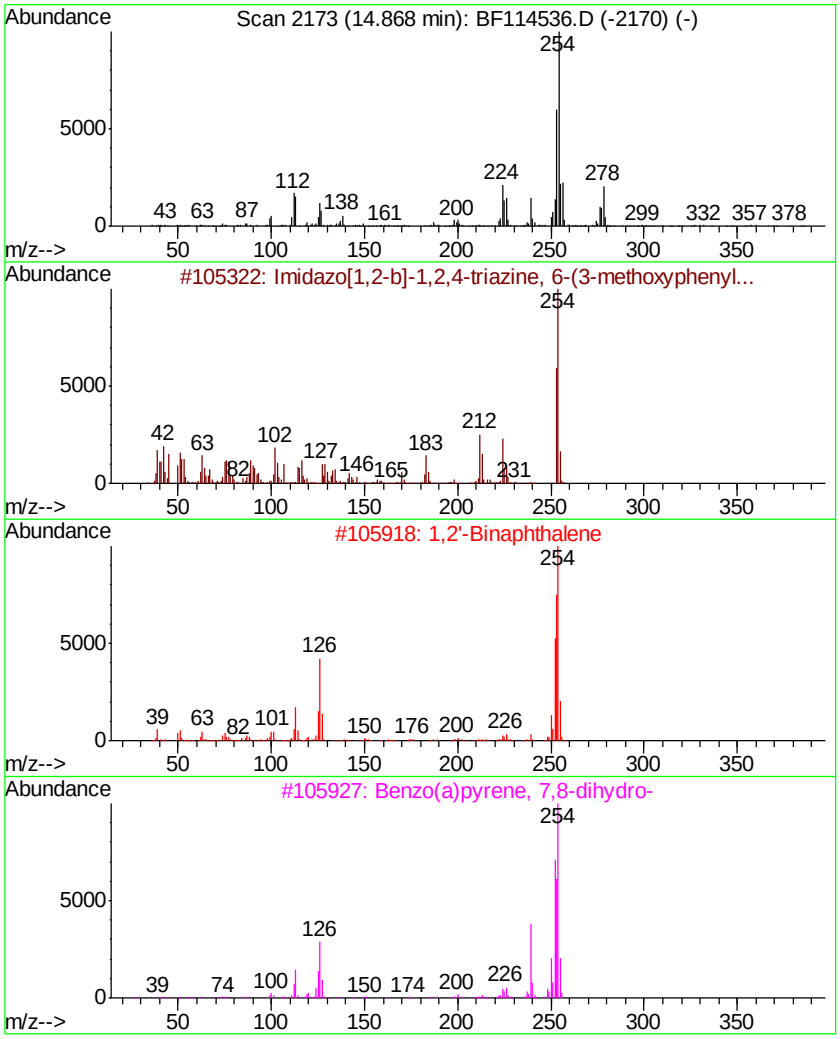
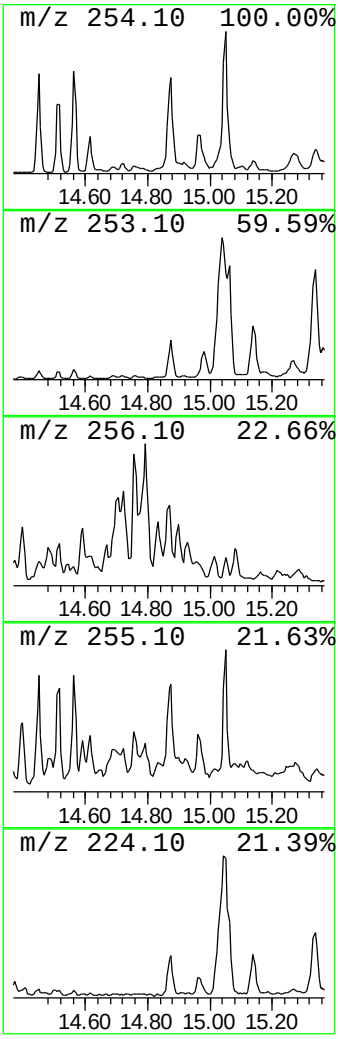
Peak Number 11 Imidazo[1,2-b]-1,2,4-triazi... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	10.54 ng	565192	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	72
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
3	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	64
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64





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Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

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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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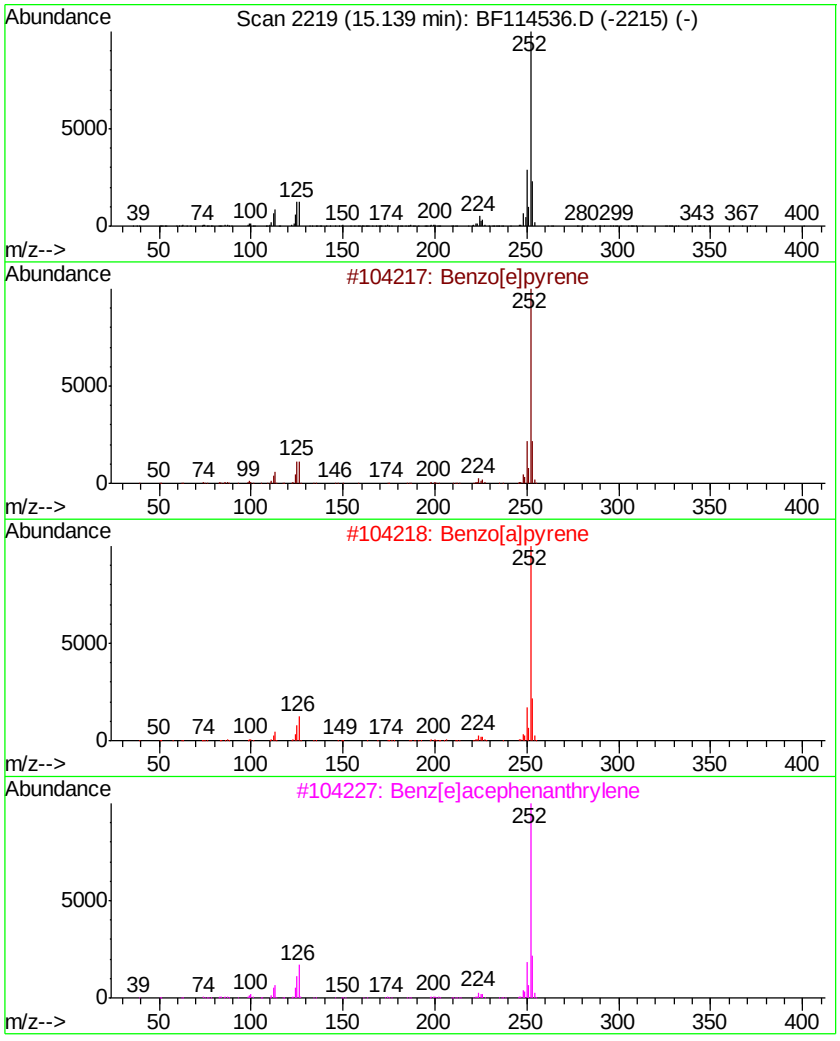
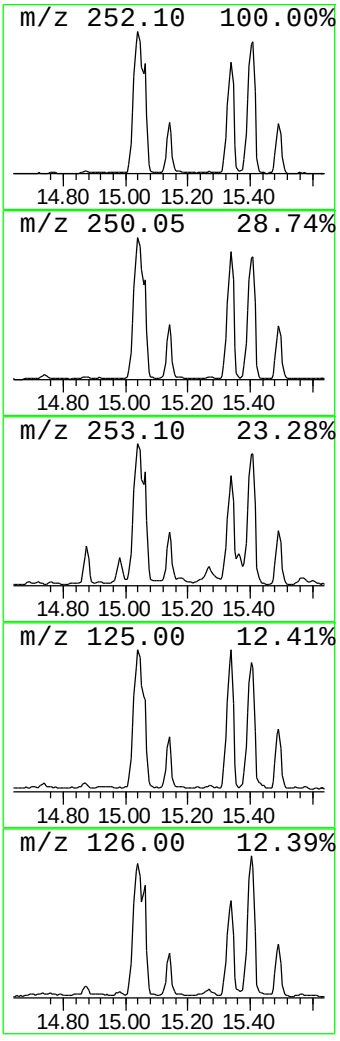
Peak Number 12 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	23.88 ng	1280600	Perylene-d12	15.46

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	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





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Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

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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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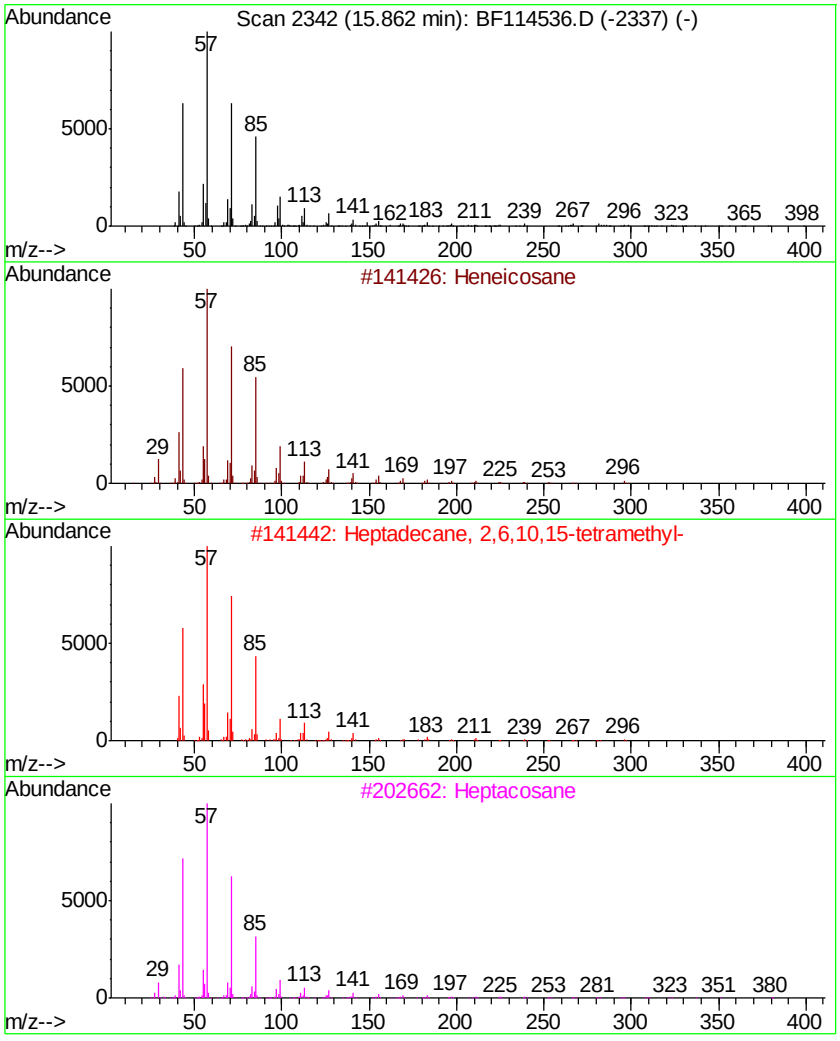
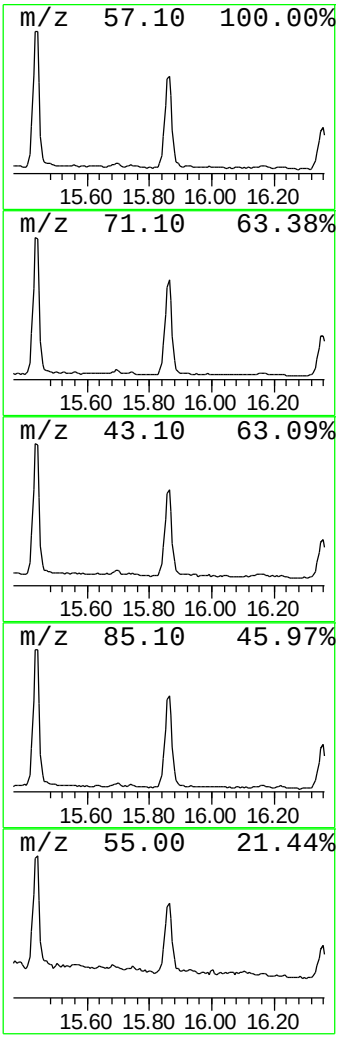
Peak Number 14 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	18.93 ng	1015450	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





Library Search Compound Report

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Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

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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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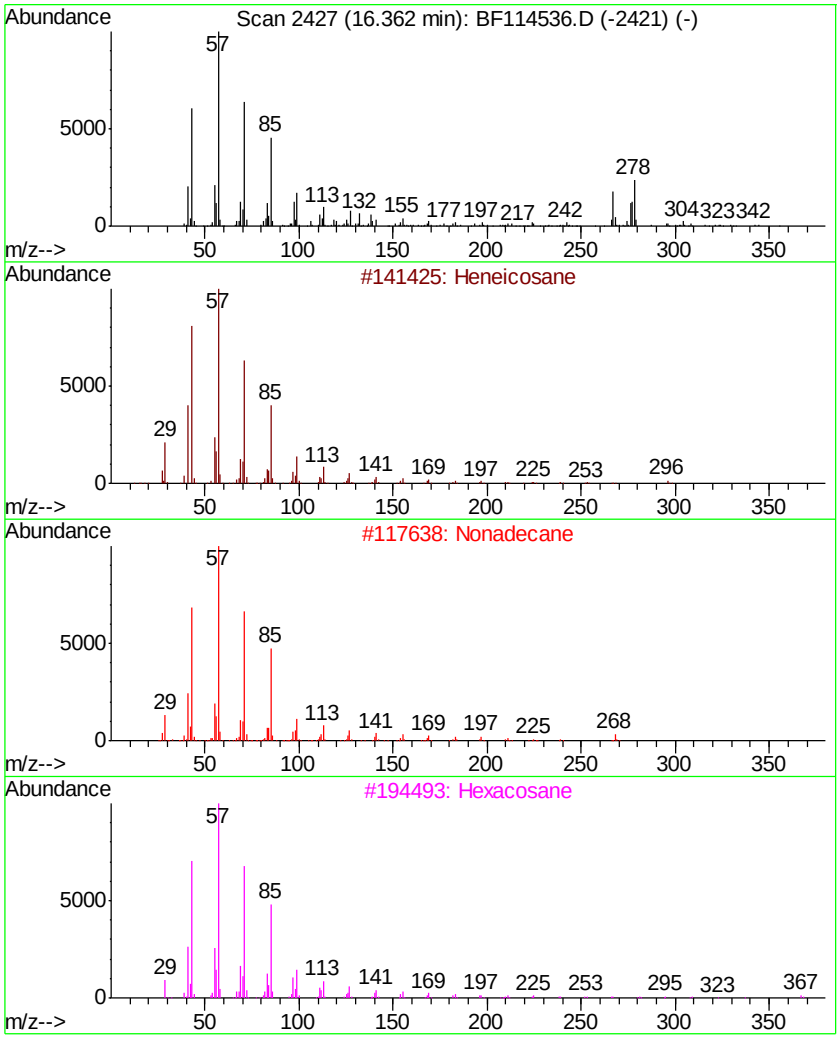
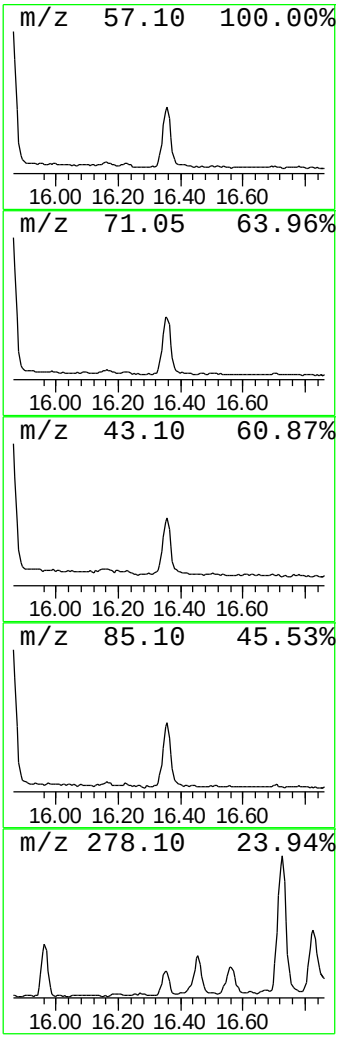
Peak Number 15 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	10.98 ng	588898	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Nonadecane	268	C19H40	000629-92-5	86
3	Hexacosane	366	C26H54	000630-01-3	50
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	45
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	43





Library Search Compound Report

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Acq On : 23 May 2019 21:08
Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

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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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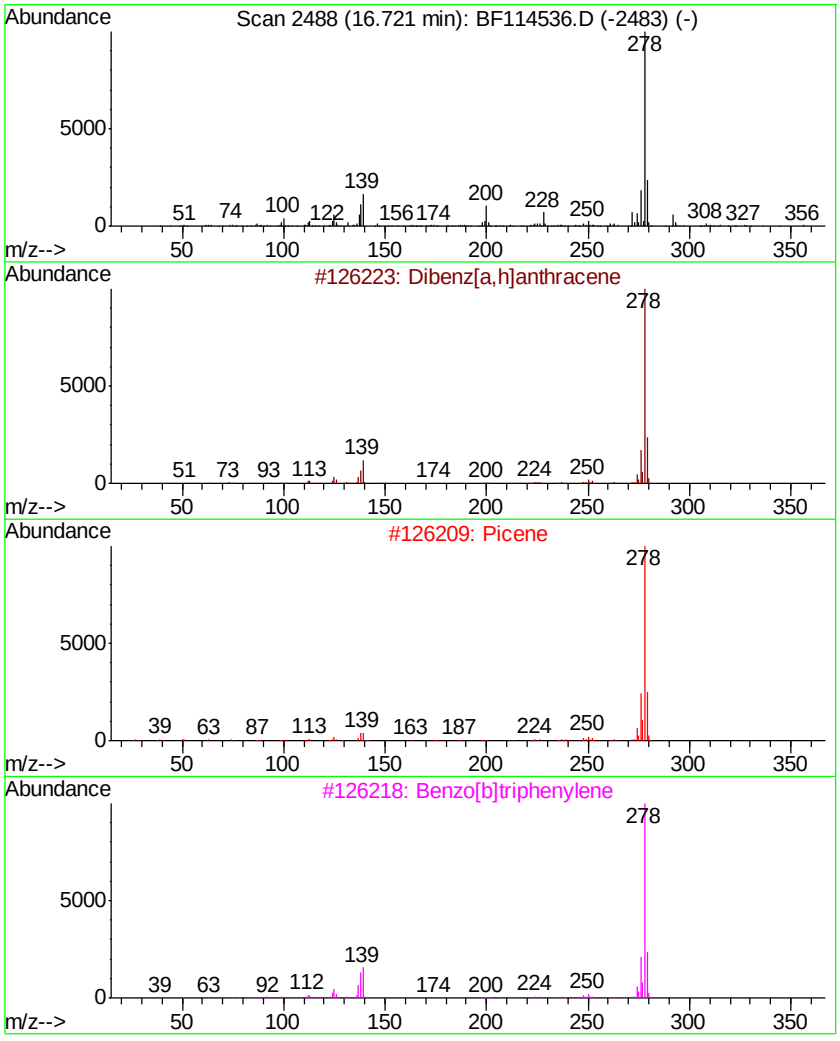
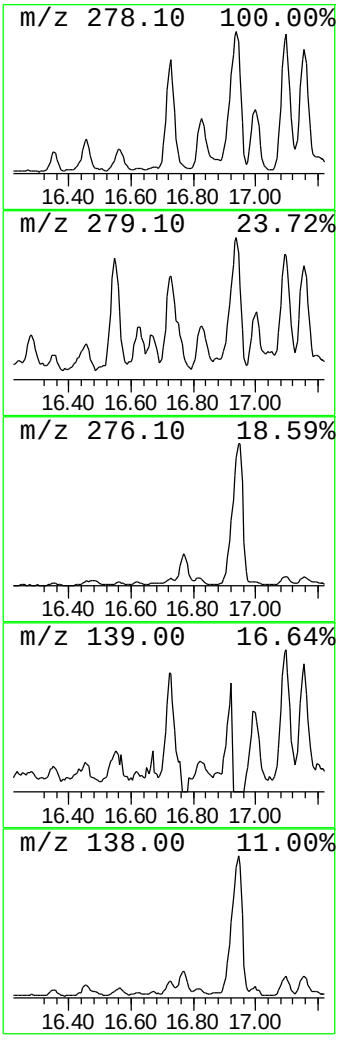
Peak Number 16 Dibenz[a,h]anthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	10.86 ng	582201	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
2	Picene	278	C22H14	000213-46-7	89
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	89
4	Pentacene	278	C22H14	000135-48-8	89
5	Pentaphene	278	C22H14	000222-93-5	89





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Operator : JU/SJ
Sample : K2978-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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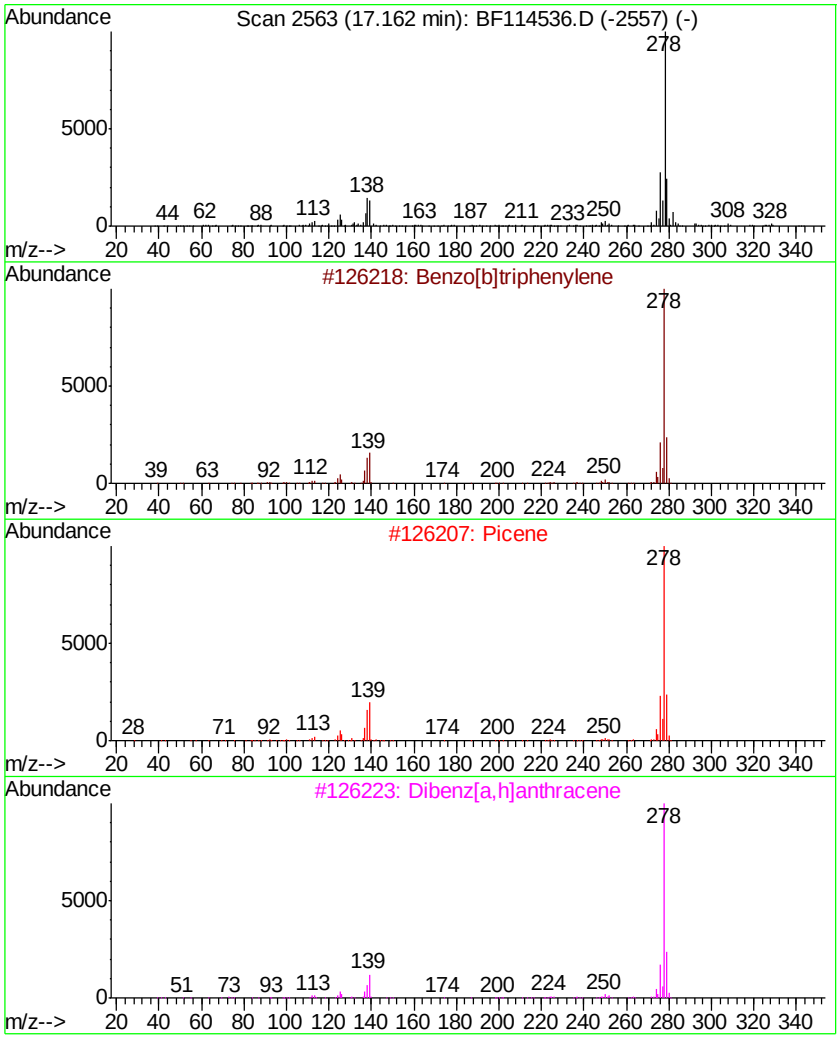
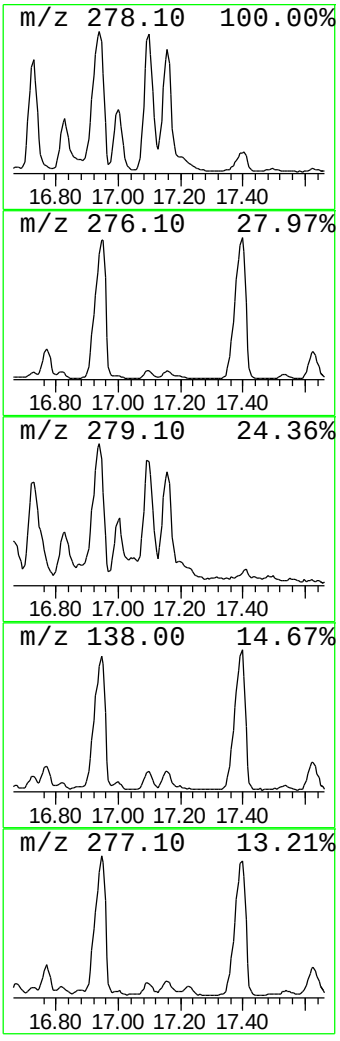
Peak Number 19 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	13.68 ng	733574	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Pentaphene	278	C22H14	000222-93-5	96
5	Benzo[b]chrysene	278	C22H14	000214-17-5	95





Tentatively Identified Compound (LSC) summary

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Data File : BF114536.D
Acq On : 23 May 2019 21:08
Operator : JU/SJ
Sample : K2978-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : RO-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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...	5.65	12.1	ng	721758	1	6.81	1191700	20.0
unknown6.59	6.59	18.4	ng	1095710	1	6.81	1191700	20.0
Benzene, 1-etheny...	6.65	8.7	ng	517504	1	6.81	1191700	20.0
Anthracene, 2-met...	11.87	10.0	ng	922607	4	11.33	1841850	20.0
4H-Cyclopenta[def...	11.95	14.2	ng	1302810	4	11.33	1841850	20.0
Cyclopenta(def)ph...	12.49	9.2	ng	846658	4	11.33	1841850	20.0
Tetracosane	14.73	18.5	ng	990721	6	15.46	1072670	20.0
Imidazo[1,2-b]-1,...	14.87	10.5	ng	565192	6	15.46	1072670	20.0
Benzo[e]pyrene	15.14	23.9	ng	1280600	6	15.46	1072670	20.0
Heneicosane	15.86	18.9	ng	1015450	6	15.46	1072670	20.0
Nonadecane	16.36	11.0	ng	588898	6	15.46	1072670	20.0
Dibenz[a,h]anthra...	16.72	10.9	ng	582201	6	15.46	1072670	20.0
Benzo[b]triphenylene	17.16	13.7	ng	733574	6	15.46	1072670	20.0