LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000760.D
Acq On : 15 Oct 2019 12:56
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

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-BP100919MA.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	2.358	43	46	58	rVB	43621	65675	1.33%	0.090%
2	3.505	235	241	253	rBV	45159	76465	1.55%	0.105%
3	4.911	477	480	484	rBV	79504	80625	1.64%	0.111%
4	6.381	727	730	735	rBV	1144374	1157100	23.48%	1.587%
5	6.434	735	739	750	rVB	1111627	1057672	21.47%	1.451%
6	6.516	750	753	757	rBV	1499409	1296696	26.32%	1.779%
7	6.746	789	792	801	rBV	1518907	1308994	26.57%	1.796%
8	7.134	854	858	874	rBV	1324906	1211516	24.59%	1.662%
9	7.305	884	887	891	rBV	1423807	1174763	23.84%	1.611%
10	7.634	939	943	946	rBV	1303318	964451	19.57%	1.323%
11	7.881	982	985	993	rBV	1853474	1576132	31.99%	2.162%
12	8.034	1007	1011	1014	rBV	2211008	1809974	36.73%	2.483%
13	8.093	1017	1021	1035	rVB	1349675	1126475	22.86%	1.545%
14	9.487	1255	1258	1260	rVV	2525596	2231471	45.29%	3.061%
15	9.510	1260	1262	1267	rVV	1305107	971379	19.71%	1.332%
16	9.640	1281	1284	1293	rVB	3453401	2962089	60.12%	4.063%
17	9.799	1307	1311	1314	rVV	2743481	2321737	47.12%	3.185%
18	9.828	1314	1316	1319	rVV	71431	53283	1.08%	0.073%
19	9.863	1319	1322	1327	rVB	83512	62311	1.26%	0.085%
20	9.934	1327	1334	1337	rBV	4683734	4722068	95.84%	6.477%
21	9.975	1340	1341	1344	rVV	108316	105362	2.14%	0.145%
22	10.004	1344	1346	1351	rVV	143180	151836	3.08%	0.208%
23	10.322	1396	1400	1403	rVV	3924453	3475787	70.54%	4.768%
24	10.346	1403	1404	1409	rVV	117994	82523	1.67%	0.113%
25	10.393	1409	1412	1418	rVV	761179	675014	13.70%	0.926%
26	10.446	1418	1421	1429	rVV3	75279	128223	2.60%	0.176%
27	11.098	1529	1532	1536	rVB2	56037	55591	1.13%	0.076%
28	11.187	1546	1547	1555	rVB	56173	51198	1.04%	0.070%
29	11.293	1561	1565	1568	rBV	2842637	2665968	54.11%	3.657%
30	11.316	1568	1569	1572	rVV	1198126	799012	16.22%	1.096%
31	11.351	1572	1575	1578	rVV	4159165	3554914	72.15%	4.876%
32	11.410	1581	1585	1588	rBV3	46038	56825	1.15%	0.078%
33	11.528	1600	1605	1608	rBV2	119382	125710	2.55%	0.172%
34	11.628	1619	1622	1628	rVB3	53076	65825	1.34%	0.090%

LSC Area Percent Report

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Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

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-BP100919MA.M
Title : SVOA CALIBRATION

35	11.804	1648	1652	1654	rVV	231417	220109	4.47%	0.302%
36	11.834	1654	1657	1661	rVV2	339203	398134	8.08%	0.546%
37	11.875	1661	1664	1667	rVV2	109628	139698	2.84%	0.192%
38	11.916	1667	1671	1673	rVV	419777	440921	8.95%	0.605%
39	11.940	1673	1675	1680	rVB	186620	174913	3.55%	0.240%
40	12.010	1685	1687	1690	rBV3	49246	52107	1.06%	0.071%
41	12.098	1699	1702	1705	rVV	173401	187601	3.81%	0.257%
42	12.128	1705	1707	1711	rVB2	197344	168781	3.43%	0.232%
43	12.251	1723	1728	1731	rBV2	108213	131361	2.67%	0.180%
44	12.287	1731	1734	1736	rVV	84271	84812	1.72%	0.116%
45	12.310	1736	1738	1740	rVB	66513	50616	1.03%	0.069%
46	12.363	1743	1747	1749	rBV	210554	229969	4.67%	0.315%
47	12.398	1749	1753	1755	rVV3	146578	203783	4.14%	0.280%
48	12.445	1758	1761	1766	rVB2	188807	213497	4.33%	0.293%
49	12.522	1770	1774	1778	rVB	2735222	2273408	46.14%	3.119%
50	12.569	1779	1782	1784	rBV	88620	92138	1.87%	0.126%
51	12.622	1788	1791	1793	rBV2	78764	73401	1.49%	0.101%
52	12.663	1795	1798	1804	rVB2	104484	150432	3.05%	0.206%
53	12.740	1807	1811	1813	rBV	4291010	4927195	100.00%	6.759%
54	12.757	1813	1814	1817	rVV	2490401	1171844	23.78%	1.607%
55	12.804	1820	1822	1827	rVB2	111182	142648	2.90%	0.196%
56	12.875	1831	1834	1836	rBV	148828	119970	2.43%	0.165%
57	12.916	1838	1841	1845	rVB	145618	154729	3.14%	0.212%
58	12.975	1847	1851	1855	rBV2	201266	305754	6.21%	0.419%
59	13.034	1859	1861	1863	rBV2	56483	57293	1.16%	0.079%
60	13.063	1863	1866	1867	rBV3	158880	145664	2.96%	0.200%
61	13.087	1867	1870	1873	rVB	456245	443027	8.99%	0.608%
62	13.128	1874	1877	1878	rBV3	74606	77760	1.58%	0.107%
63	13.151	1878	1881	1884	rVB	328656	307217	6.24%	0.421%
64	13.192	1884	1888	1890	rBV	347801	331330	6.72%	0.455%
65	13.287	1901	1904	1906	rBV	226533	178959	3.63%	0.245%
66	13.316	1906	1909	1913	rBV	224739	195021	3.96%	0.268%
67	13.492	1937	1939	1942	rBV2	87463	85130	1.73%	0.117%
68	13.604	1955	1958	1963	rVB	183966	195932	3.98%	0.269%
69	13.645	1963	1965	1967	rBV	96582	78084	1.58%	0.107%
70	13.716	1972	1977	1979	rBV3	273294	359023	7.29%	0.492%
71	13.739	1979	1981	1984	rVV	204612	184341	3.74%	0.253%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : BEP89

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

72	13.769	1984	1986	1989	rVV2	159848	196693	3.99%	0.270%
73	13.816	1991	1994	2002	rVB4	444916	654254	13.28%	0.897%
74	13.969	2015	2020	2023	rBV2	2880209	4217948	85.61%	5.786%
75	13.992	2023	2024	2033	rVB	1215790	1074298	21.80%	1.474%
76	14.075	2033	2038	2041	rBV2	198415	241369	4.90%	0.331%
77	14.116	2043	2045	2047	rBV	72571	67340	1.37%	0.092%
78	14.145	2048	2050	2055	rVB3	141593	154965	3.15%	0.213%
79	14.328	2079	2081	2083	rBV	76884	69282	1.41%	0.095%
80	14.363	2083	2087	2090	rVV	333485	353144	7.17%	0.484%
81	14.398	2090	2093	2096	rVV2	172693	179841	3.65%	0.247%
82	14.457	2100	2103	2106	rVV3	481333	527735	10.71%	0.724%
83	14.486	2106	2108	2110	rVV2	192692	219139	4.45%	0.301%
84	14.510	2110	2112	2116	rVB	204321	176671	3.59%	0.242%
85	14.763	2152	2155	2158	rBV2	158986	198353	4.03%	0.272%
86	14.839	2166	2168	2170	rBV2	82082	76389	1.55%	0.105%
87	14.910	2178	2180	2187	rVB4	115519	137687	2.79%	0.189%
88	15.022	2194	2199	2202	rBV	1071427	1578880	32.04%	2.166%
89	15.104	2209	2213	2216	rBV2	385995	477881	9.70%	0.656%
90	15.128	2216	2217	2221	rVB	201563	166763	3.38%	0.229%
91	15.322	2246	2250	2252	rBV	564725	659187	13.38%	0.904%
92	15.363	2252	2257	2259	rVV	2206194	2964805	60.17%	4.067%
93	15.386	2259	2261	2267	rVB	905344	928087	18.84%	1.273%
94	15.451	2267	2272	2275	rBV	1655847	2003584	40.66%	2.748%
95	15.481	2275	2277	2284	rVB3	272862	405308	8.23%	0.556%
96	15.928	2349	2353	2358	rBV2	187489	260157	5.28%	0.357%
97	16.728	2485	2489	2493	rBV2	95219	163188	3.31%	0.224%
98	16.916	2515	2521	2531	rVB2	378169	718202	14.58%	0.985%
99	17.357	2590	2596	2606	rVB	248243	515567	10.46%	0.707%
100	18.551	2792	2799	2814	rVB9	154210	541593	10.99%	0.743%

Sum of corrected areas: 72899576

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000760.D
Acq On : 15 Oct 2019 12:56
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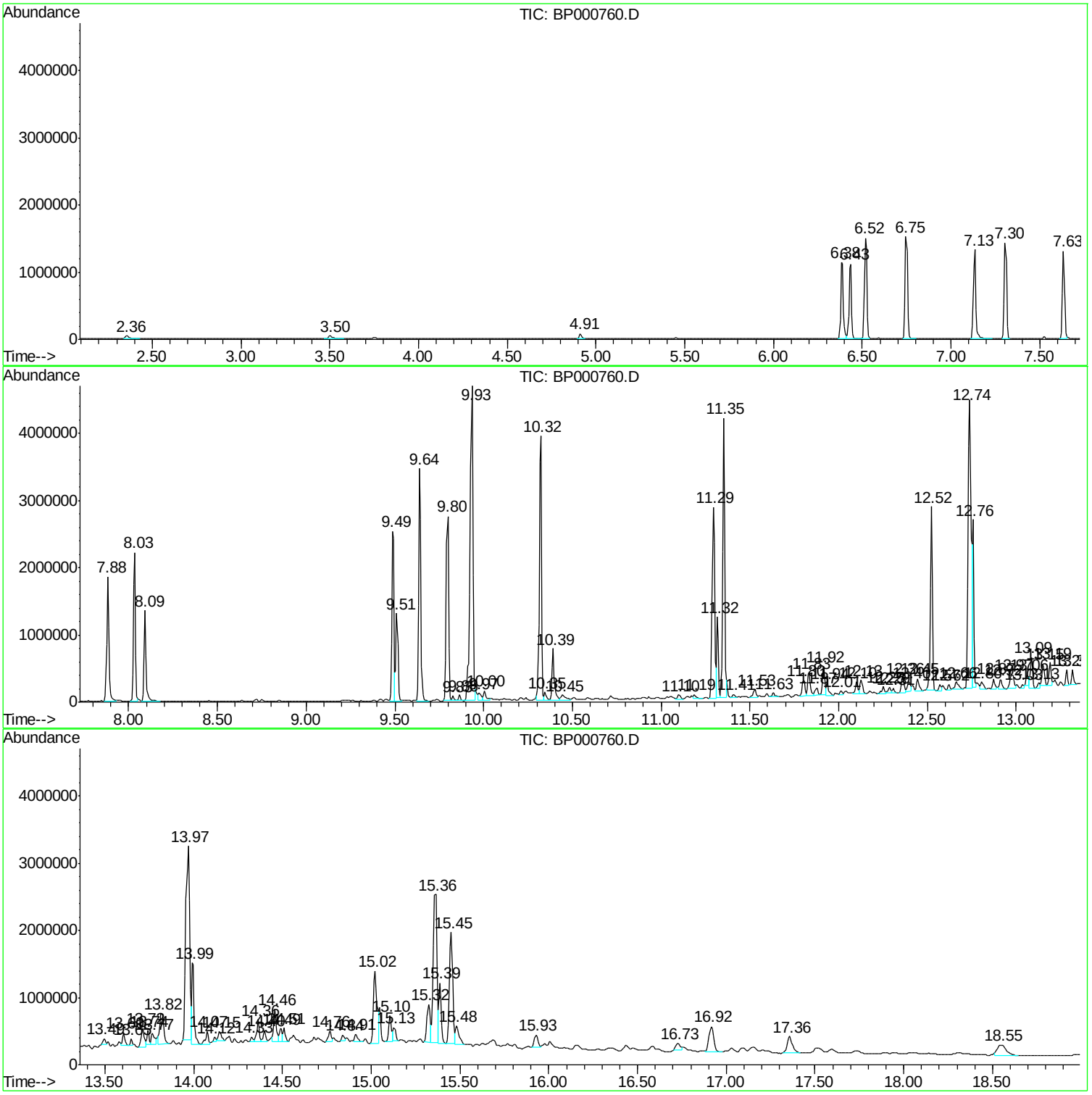
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

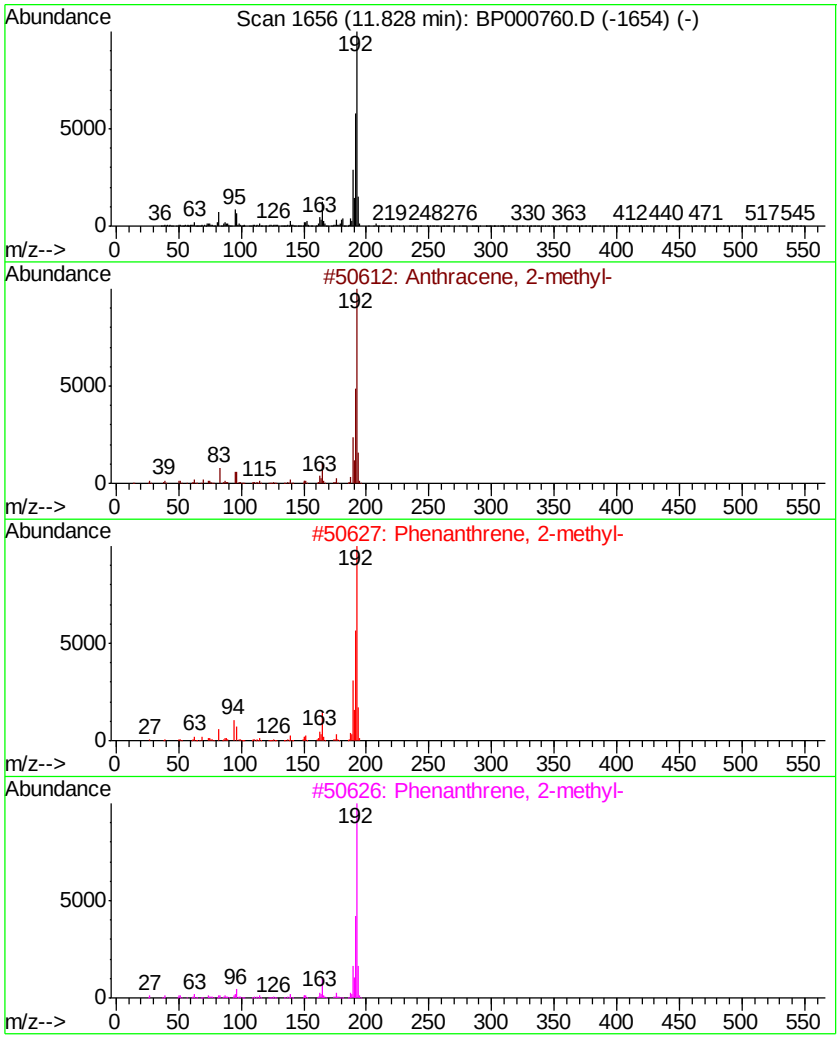
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

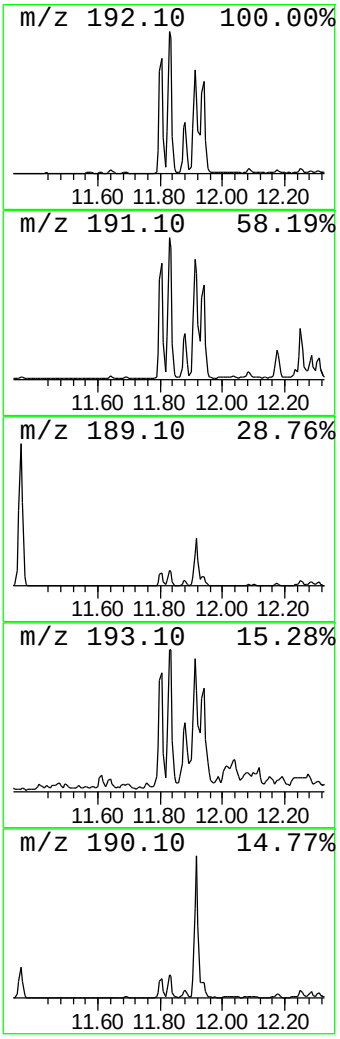
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.99 ng/ul	398134	Phenanthrene-d10	11.29

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000760.D
Acq On : 15 Oct 2019 12:56
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

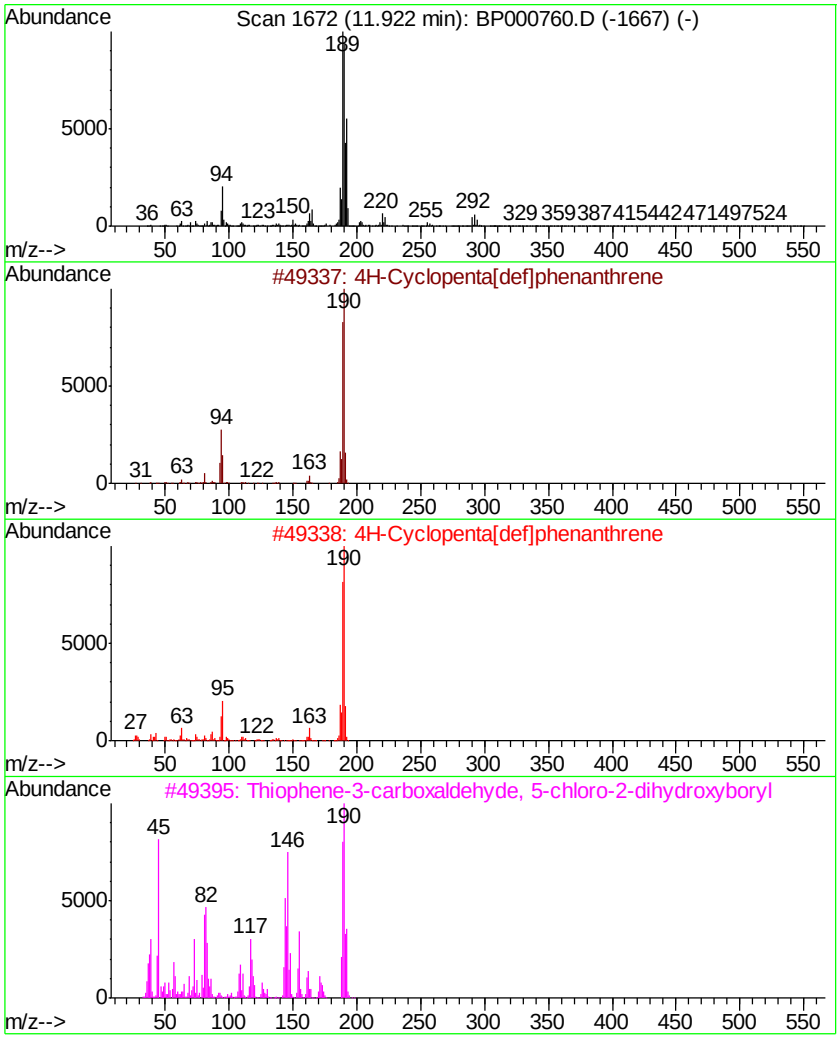
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

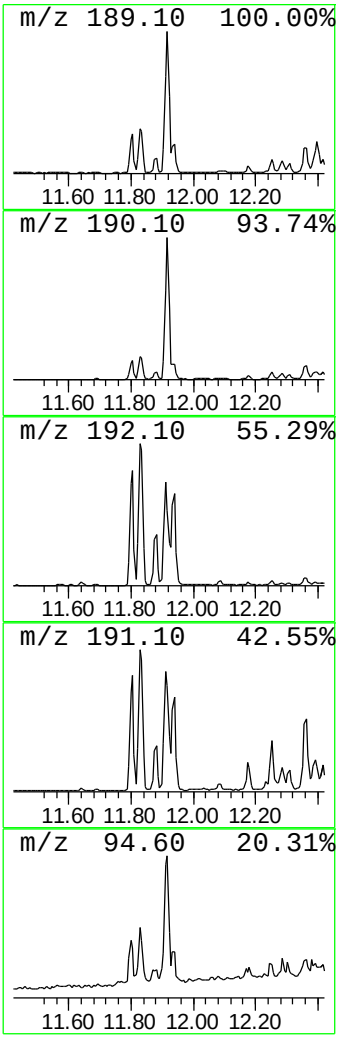
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.31 ng/ul	440921	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

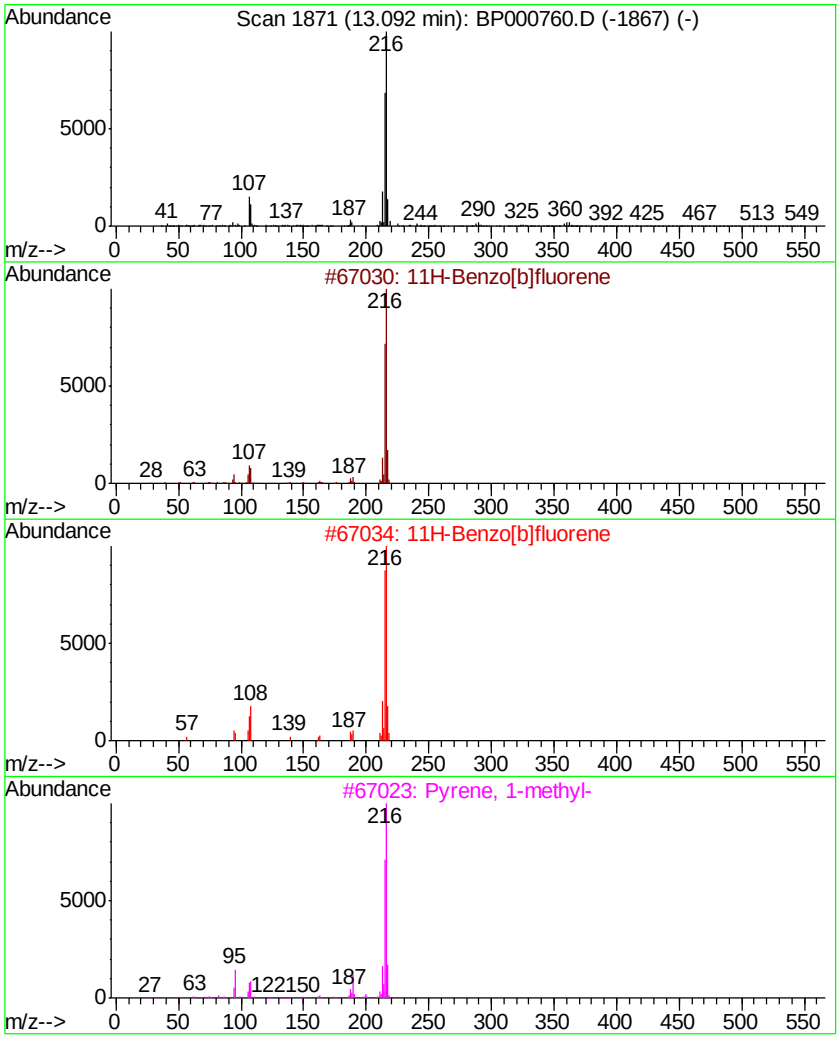
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

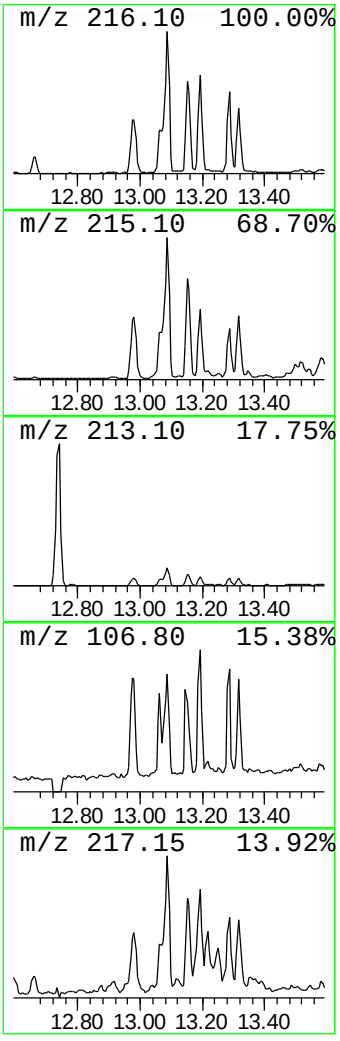
****

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.10 ng/ul	443027	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

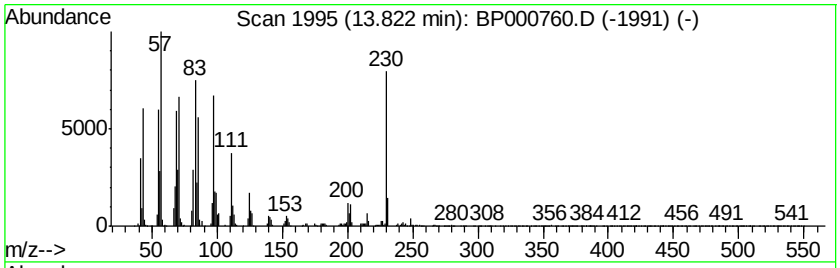
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

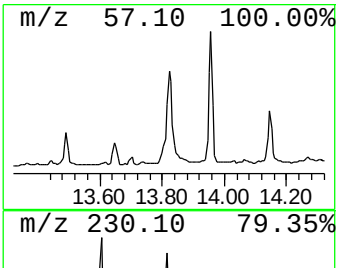
****

Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.10 ng/ul	654254	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000760.D
Acq On : 15 Oct 2019 12:56
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

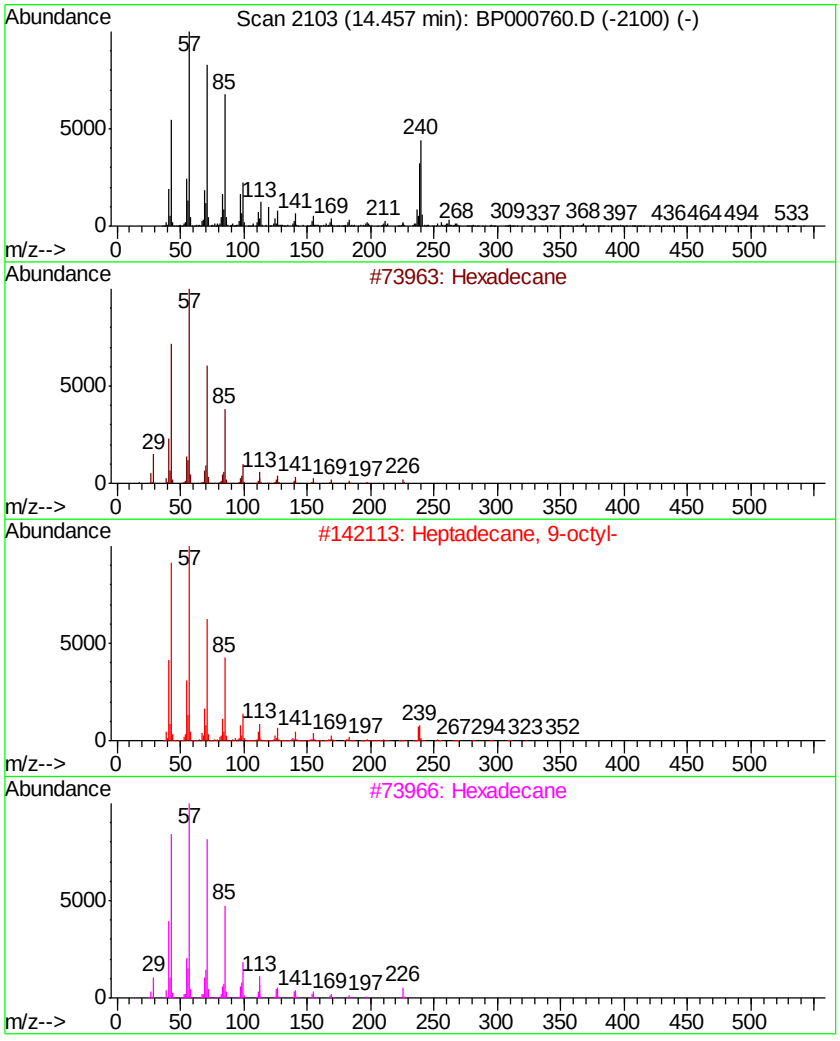
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

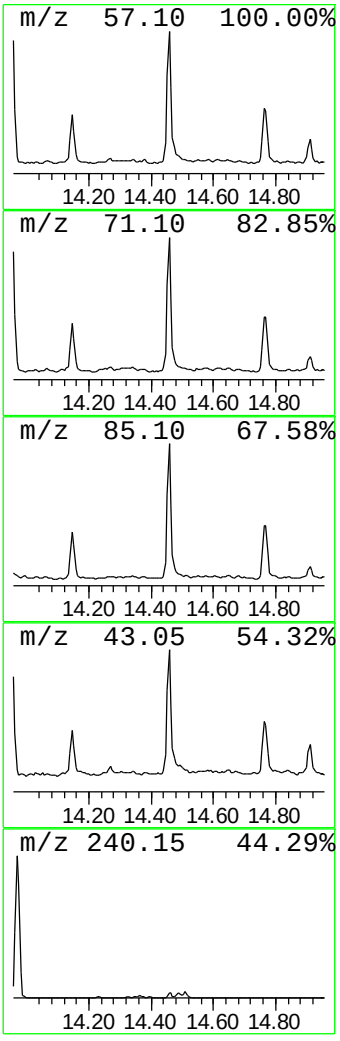
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.50 ng/ul	527735	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
3	Hexadecane	226	C16H34	000544-76-3	60
4	Heneicosane	296	C21H44	000629-94-7	60
5	Tetratriacontane	479	C34H70	014167-59-0	60





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Acq On : 15 Oct 2019 12:56
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

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Quant Title : SVOA CALIBRATION

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

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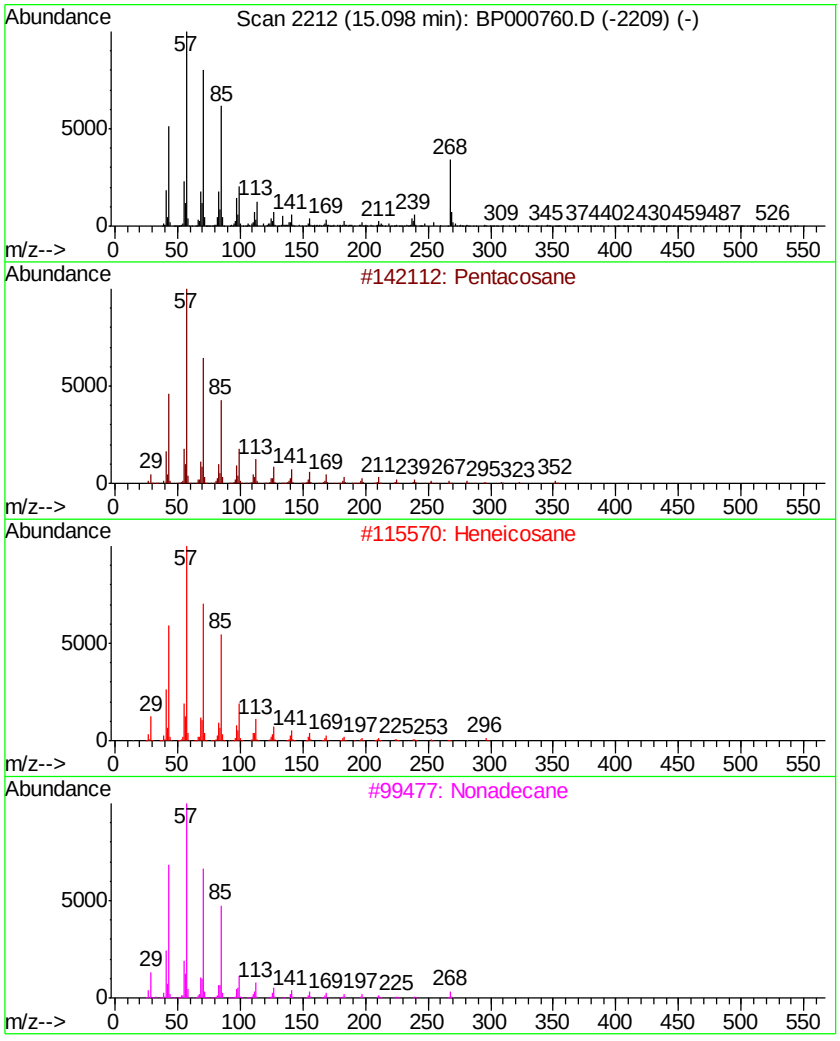
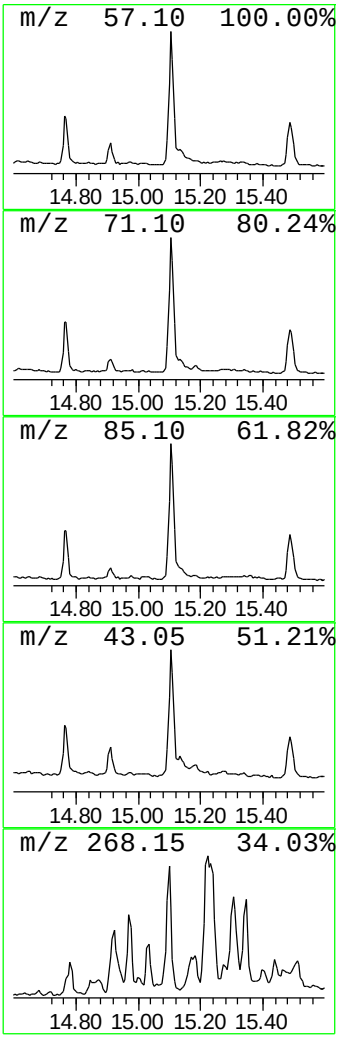
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.77 ng/ul	477881	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tetratriacontane	479	C34H70	014167-59-0	87





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Data File : BP000760.D
Acq On : 15 Oct 2019 12:56
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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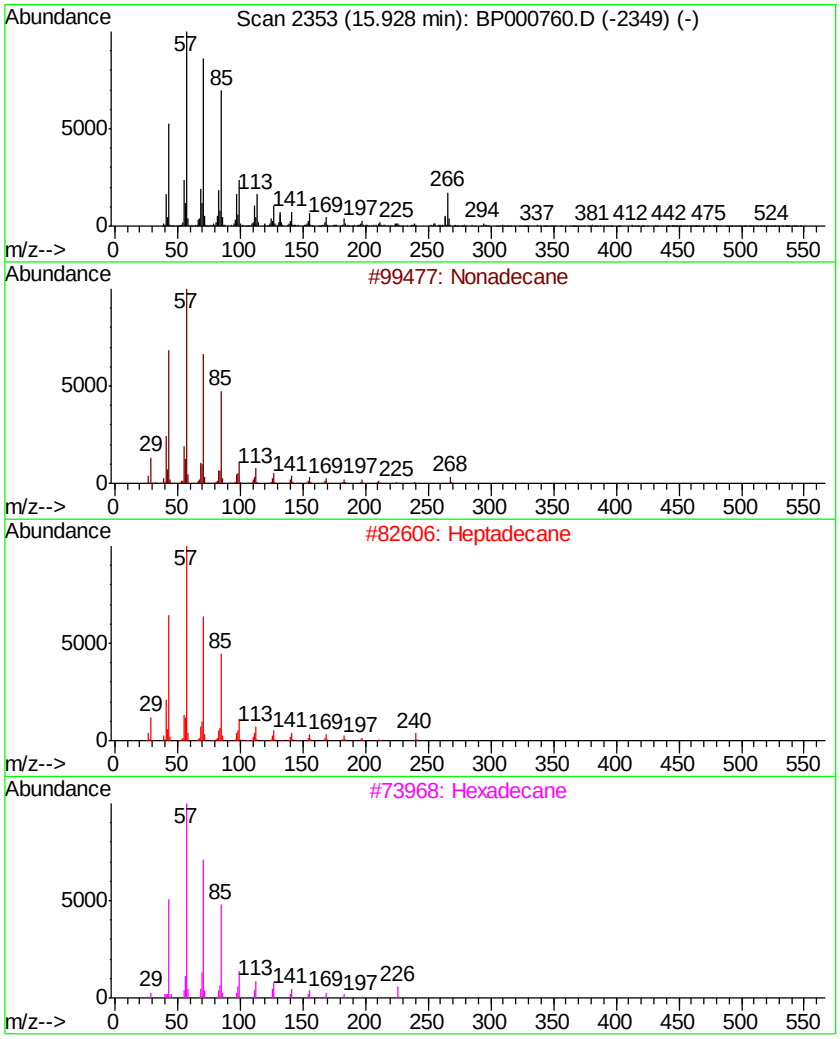
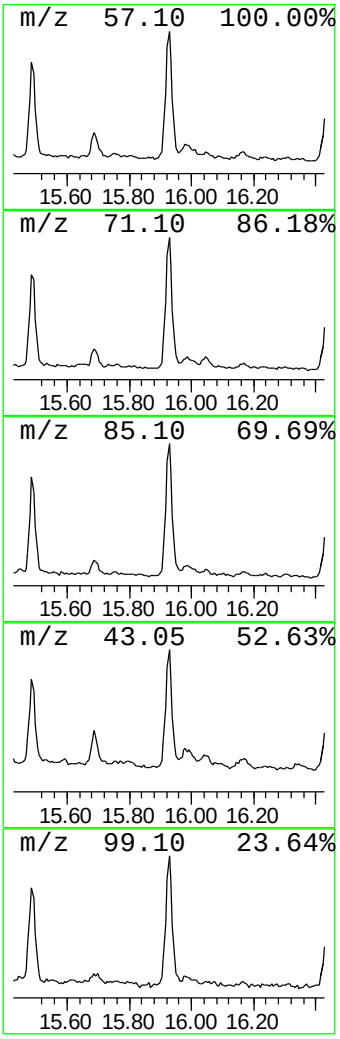
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.60 ng/ul	260157	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	89
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000760.D
Acq On : 15 Oct 2019 12:56
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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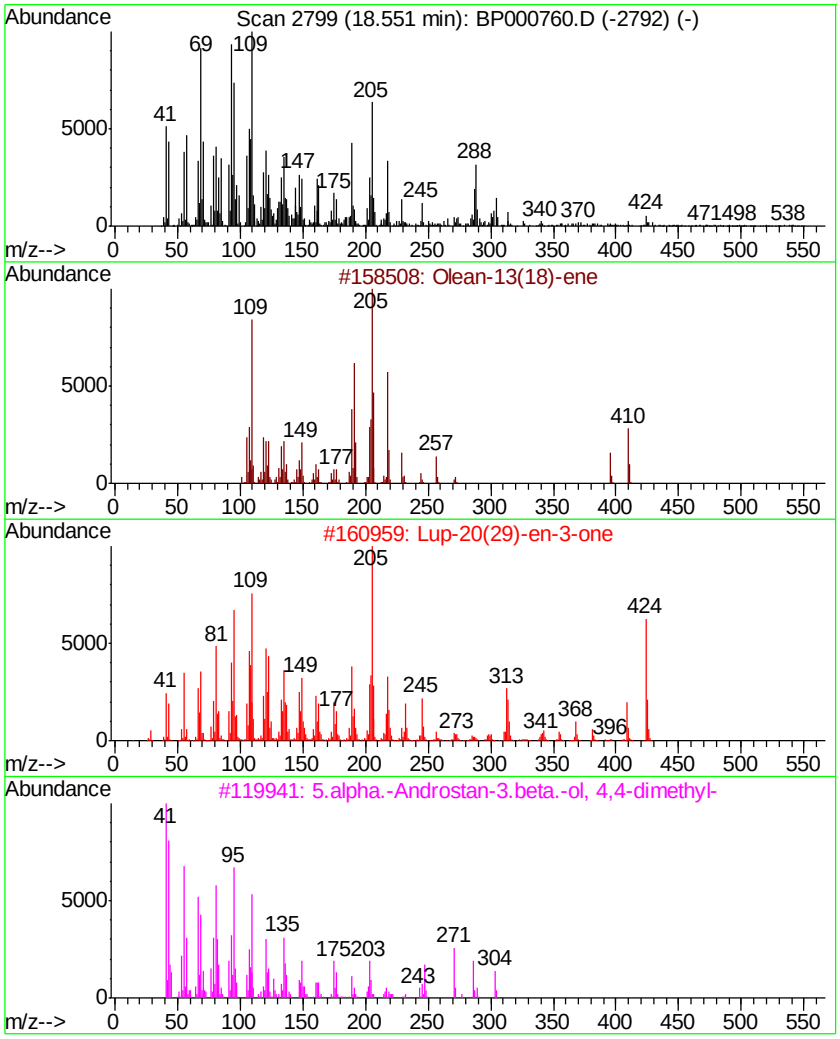
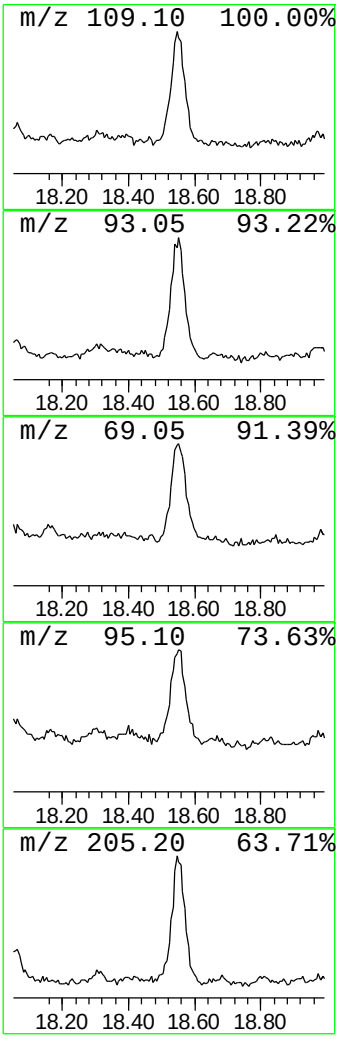
Peak Number 8 Olean-13(18)-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	5.41 ng/ul	541593	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Olean-13(18)-ene	410	C30H50	003399-27-7	83
2	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	53
3	5.alpha.-Androstan-3.beta.-ol, 4...	304	C21H36O	007673-19-0	47
4	Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-96-6	41
5	Sesquirosefuran	218	C15H22O	039007-93-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\
Data File : BP000760.D
Acq On : 15 Oct 2019 12:56
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.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
Anthracene, 2-met...	11.83	3.0	ng/ul	398134	4	11.29	2665970	20.0
4H-Cyclopenta[def...	11.92	3.3	ng/ul	440921	4	11.29	2665970	20.0
11H-Benzo[b]fluorene	13.09	2.1	ng/ul	443027	5	13.97	4217950	20.0
11H-Benzo[a]fluor...	13.82	3.1	ng/ul	654254	5	13.97	4217950	20.0
(DEL) Alkane: Str...	14.46	2.5	ng/ul	527735	5	13.97	4217950	20.0
(DEL) Alkane: Str...	15.10	4.8	ng/ul	477881	6	15.45	2003580	20.0
(DEL) Alkane: Str...	15.93	2.6	ng/ul	260157	6	15.45	2003580	20.0
Olean-13(18)-ene	18.55	5.4	ng/ul	541593	6	15.45	2003580	20.0