LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000333.D
Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

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_P\METHODS\8270-BP091619.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	4.993	491	494	503	rVB	54656	66709	1.21%	0.082%
2	5.411	561	565	568	rBV	3675886	3271409	59.34%	4.022%
3	6.422	733	737	748	rBV	3683226	3695002	67.02%	4.543%
4	6.558	756	760	764	rBV	3958811	3727651	67.62%	4.583%
5	6.793	796	800	803	rBV	1392048	1229277	22.30%	1.512%
6	6.946	822	826	829	rBV	3927749	3232817	58.64%	3.975%
7	7.346	890	894	897	rBV	2525654	2134339	38.71%	2.624%
8	8.075	1014	1018	1020	rBV	1765252	1630688	29.58%	2.005%
9	8.093	1020	1021	1028	rVB	597321	358252	6.50%	0.441%
10	8.787	1135	1139	1145	rVB	171610	133247	2.42%	0.164%
11	8.887	1151	1156	1159	rBV	88801	71974	1.31%	0.088%
12	9.152	1197	1201	1204	rBV	6307773	5101377	92.53%	6.273%
13	9.540	1265	1267	1276	rVB	525742	472199	8.57%	0.581%
14	9.834	1313	1317	1320	rBV	2207726	1842151	33.41%	2.265%
15	9.863	1320	1322	1325	rVB	614204	439380	7.97%	0.540%
16	10.040	1348	1352	1356	rBV	270312	238748	4.33%	0.294%
17	10.381	1407	1410	1416	rVB	379923	295050	5.35%	0.363%
18	10.622	1447	1451	1458	rBV	3415882	2970771	53.89%	3.653%
19	10.746	1469	1472	1476	rBV	75103	64329	1.17%	0.079%
20	11.128	1534	1537	1541	rVB	138723	118214	2.14%	0.145%
21	11.187	1542	1547	1550	rVV2	115503	131402	2.38%	0.162%
22	11.222	1550	1553	1559	rVB	173955	155976	2.83%	0.192%
23	11.328	1567	1571	1573	rBV	2284406	2077551	37.68%	2.555%
24	11.352	1573	1575	1578	rVV	3148152	2348195	42.59%	2.887%
25	11.399	1578	1583	1587	rVB	655201	627381	11.38%	0.771%
26	11.557	1604	1610	1613	rBV	440110	434099	7.87%	0.534%
27	11.834	1653	1657	1659	rBV	248918	202774	3.68%	0.249%
28	11.863	1659	1662	1666	rVV	424930	390648	7.09%	0.480%
29	11.910	1666	1670	1672	rVV	135905	129389	2.35%	0.159%
30	11.946	1672	1676	1678	rVV	457864	431319	7.82%	0.530%
31	11.969	1678	1680	1684	rVB	148691	122126	2.22%	0.150%
32	12.128	1704	1707	1709	rBV	164746	148191	2.69%	0.182%
33	12.152	1709	1711	1715	rVB2	190253	154381	2.80%	0.190%
34	12.387	1747	1751	1754	rBV	118363	127266	2.31%	0.156%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

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_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.428	1754	1758	1763	rVV3	90492	146247	2.65%	0.180%
36	12.469	1763	1765	1771	rVV2	114246	128572	2.33%	0.158%
37	12.551	1775	1779	1782	rVV	3730609	3042948	55.20%	3.742%
38	12.616	1782	1790	1793	rVB3	42257	73182	1.33%	0.090%
39	12.704	1802	1805	1809	rVB	94287	100999	1.83%	0.124%
40	12.781	1812	1818	1821	rVV2	2937033	3106962	56.36%	3.820%
41	12.828	1824	1826	1832	rVB2	143769	155040	2.81%	0.191%
42	12.899	1835	1838	1840	rBV	176413	192082	3.48%	0.236%
43	12.928	1840	1843	1846	rVV	6648331	5512960	100.00%	6.779%
44	13.004	1850	1856	1859	rBV3	174395	309291	5.61%	0.380%
45	13.028	1859	1860	1863	rVB	105844	79518	1.44%	0.098%
46	13.087	1868	1870	1872	rVV2	123026	139626	2.53%	0.172%
47	13.110	1872	1874	1878	rVB	559249	494703	8.97%	0.608%
48	13.181	1878	1886	1889	rBV	482473	536632	9.73%	0.660%
49	13.216	1889	1892	1894	rVV	300628	277283	5.03%	0.341%
50	13.240	1894	1896	1900	rVB	201319	190400	3.45%	0.234%
51	13.275	1900	1902	1905	rVB2	80203	64338	1.17%	0.079%
52	13.310	1905	1908	1911	rBV2	143486	116980	2.12%	0.144%
53	13.340	1911	1913	1917	rBV2	163766	159995	2.90%	0.197%
54	13.416	1923	1926	1931	rBV4	66070	82606	1.50%	0.102%
55	13.493	1936	1939	1941	rBV3	68070	87952	1.60%	0.108%
56	13.516	1941	1943	1945	rVV3	131624	129104	2.34%	0.159%
57	13.546	1945	1948	1950	rVB	123934	126538	2.30%	0.156%
58	13.622	1958	1961	1966	rVB	211095	275287	4.99%	0.338%
59	13.734	1976	1980	1983	rBV2	290514	370978	6.73%	0.456%
60	13.763	1983	1985	1987	rVV	281867	253925	4.61%	0.312%
61	13.787	1987	1989	1991	rVV	214057	226528	4.11%	0.279%
62	13.846	1994	1999	2006	rVV2	480244	971848	17.63%	1.195%
63	13.904	2007	2009	2016	rVB2	105647	138922	2.52%	0.171%
64	13.987	2016	2023	2026	rBV3	2995930	4277299	77.59%	5.259%
65	14.016	2026	2028	2034	rVB	1856409	1635027	29.66%	2.010%
66	14.098	2037	2042	2045	rBV	450170	442912	8.03%	0.545%
67	14.181	2051	2056	2058	rVB2	231216	301551	5.47%	0.371%
68	14.216	2058	2062	2066	rVB2	270401	281884	5.11%	0.347%
69	14.316	2076	2079	2082	rVB2	117592	108892	1.98%	0.134%
70	14.345	2082	2084	2086	rBV	116236	100881	1.83%	0.124%
71	14.381	2086	2090	2093	rVV	353745	353067	6.40%	0.434%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4962-09
Misc :
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Instrument : BNA_P
ClientSampleId : TP-1-5

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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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.416	2093	2096	2099	rVB2	203911	189330	3.43%	0.233%
73	14.475	2103	2106	2109	rVV2	346327	354255	6.43%	0.436%
74	14.504	2109	2111	2113	rVV	224423	232335	4.21%	0.286%
75	14.528	2113	2115	2119	rVB3	321505	308652	5.60%	0.380%
76	14.569	2119	2122	2123	rBV	87313	99176	1.80%	0.122%
77	14.687	2139	2142	2146	rBV3	142258	206340	3.74%	0.254%
78	14.787	2154	2159	2162	rBV3	214206	305833	5.55%	0.376%
79	14.863	2169	2172	2173	rBV2	102974	102217	1.85%	0.126%
80	14.934	2181	2184	2190	rVB3	315719	361422	6.56%	0.444%
81	15.045	2198	2203	2206	rBV	1839920	2776504	50.36%	3.414%
82	15.134	2213	2218	2233	rBV3	518987	1445216	26.21%	1.777%
83	15.298	2244	2246	2249	rVB2	107615	107308	1.95%	0.132%
84	15.351	2250	2255	2260	rVB	959482	1272354	23.08%	1.564%
85	15.410	2260	2265	2271	rBV	1539550	1870469	33.93%	2.300%
86	15.475	2271	2276	2279	rBV	1759632	2138902	38.80%	2.630%
87	15.504	2279	2281	2289	rVB3	511812	850974	15.44%	1.046%
88	15.722	2315	2318	2328	rVB2	303683	426779	7.74%	0.525%
89	15.969	2355	2360	2368	rBV	607734	1022242	18.54%	1.257%
90	16.040	2369	2372	2378	rVV2	142573	232018	4.21%	0.285%
91	16.781	2492	2498	2506	rVB4	314787	718830	13.04%	0.884%
92	16.957	2522	2528	2535	rVB2	659806	1315245	23.86%	1.617%
93	17.098	2547	2552	2555	rBV	173924	322571	5.85%	0.397%
94	17.404	2598	2604	2621	rVB	472528	1101730	19.98%	1.355%

Sum of corrected areas: 81327943

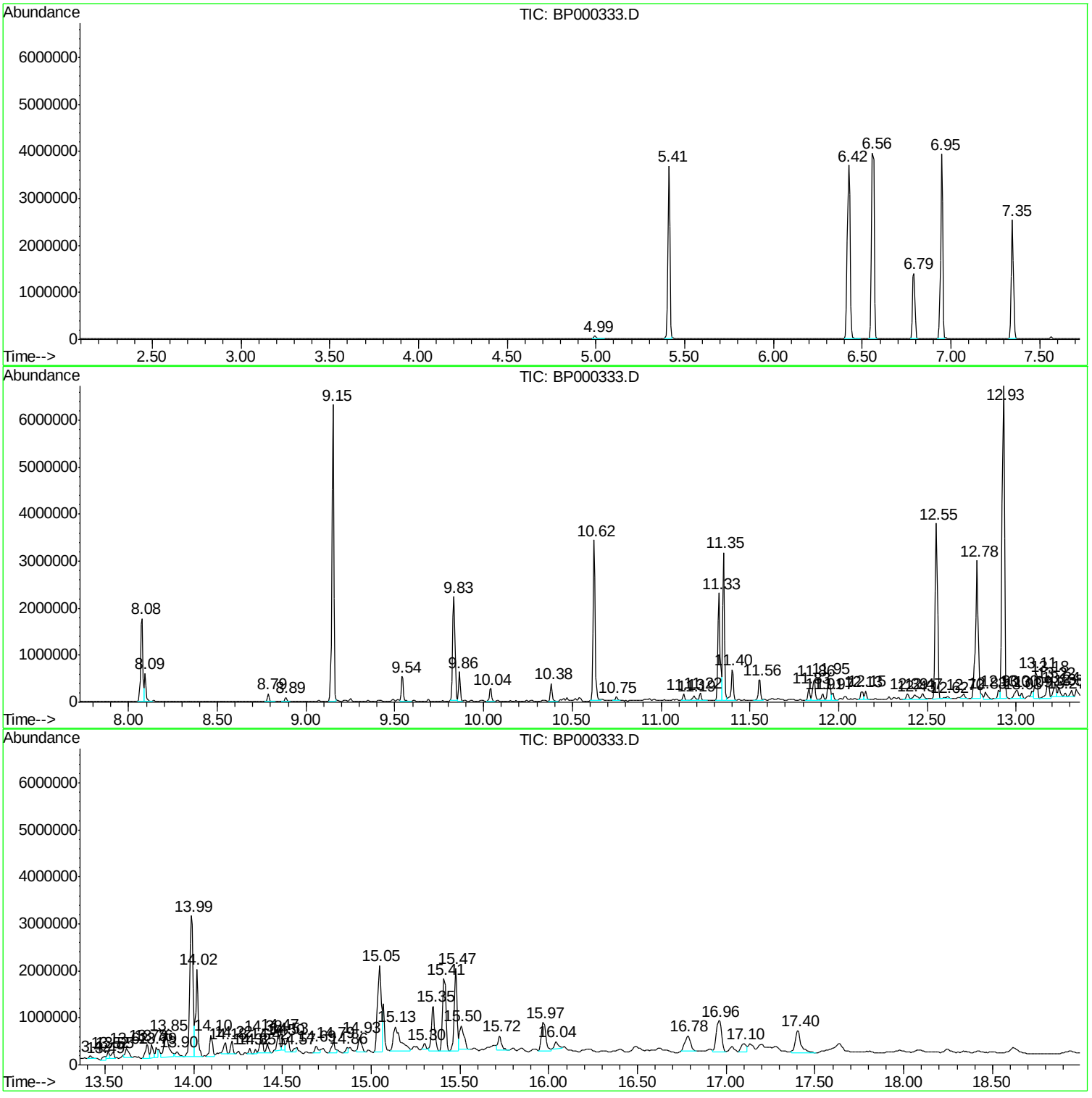
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000333.D
Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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 P\DATA\BP091919\
Data File : BP000333.D
Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
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Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

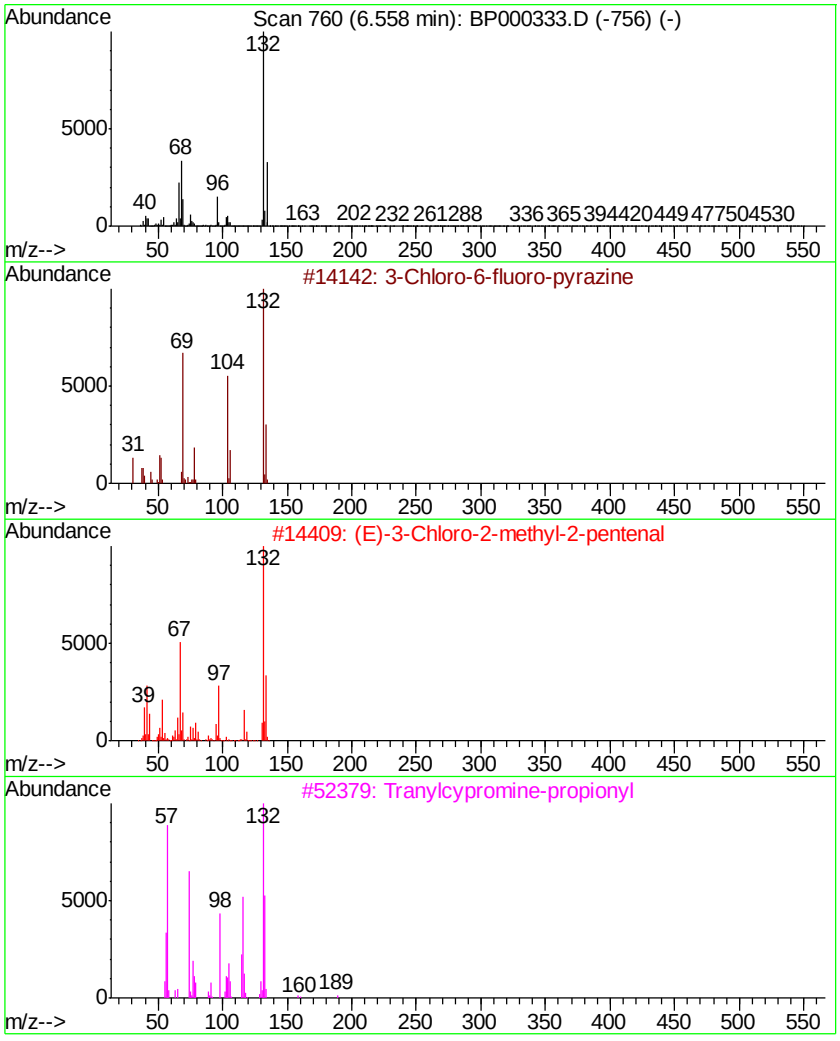
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

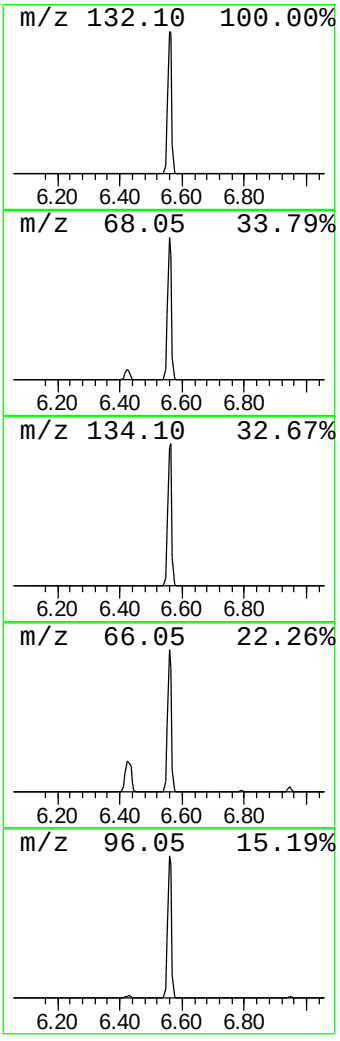
****

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	60.65 ng	3727650	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000333.D
Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

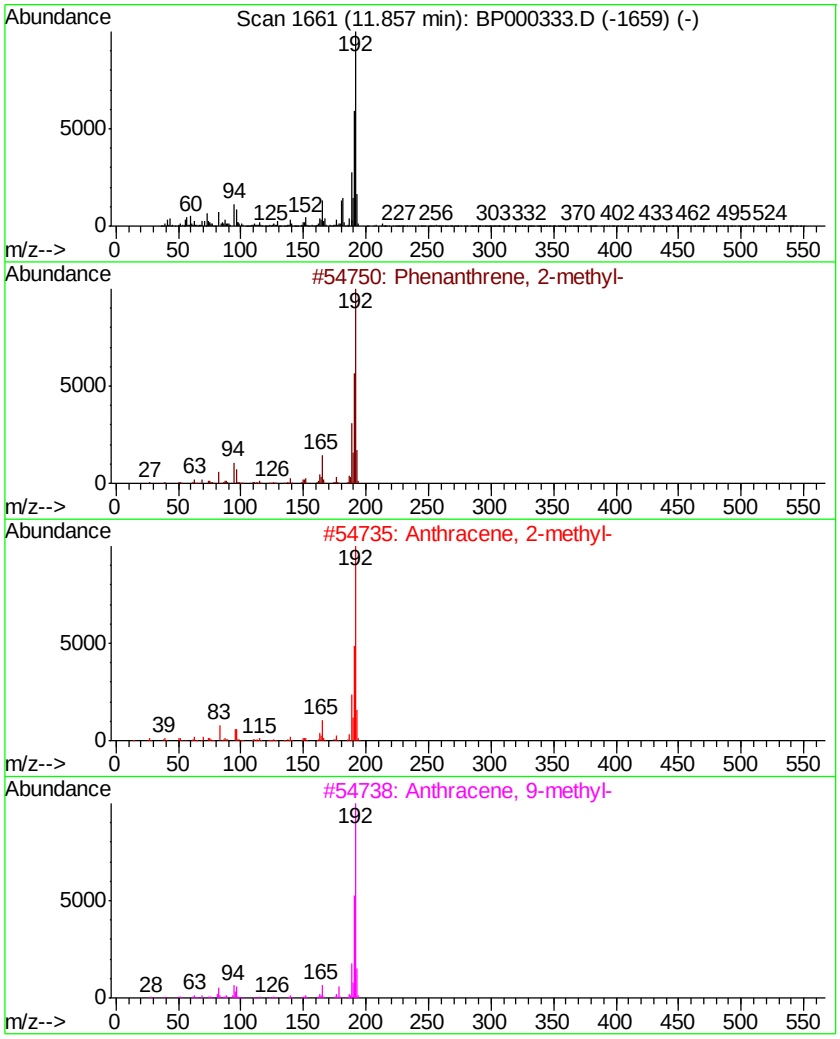
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

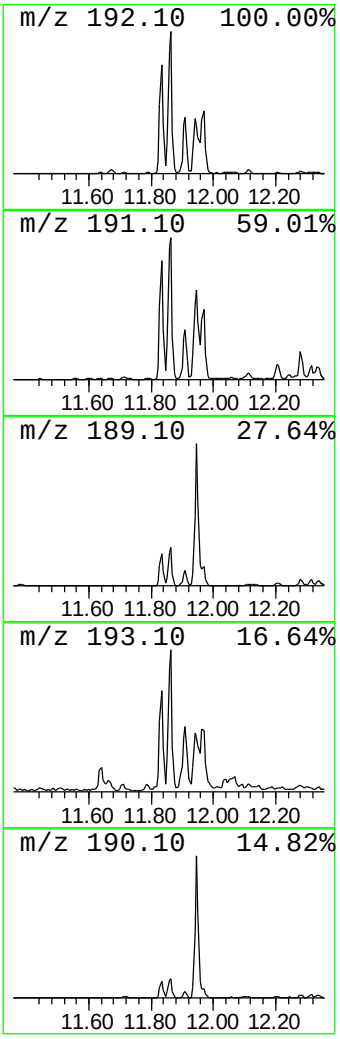
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.76 ng	390648	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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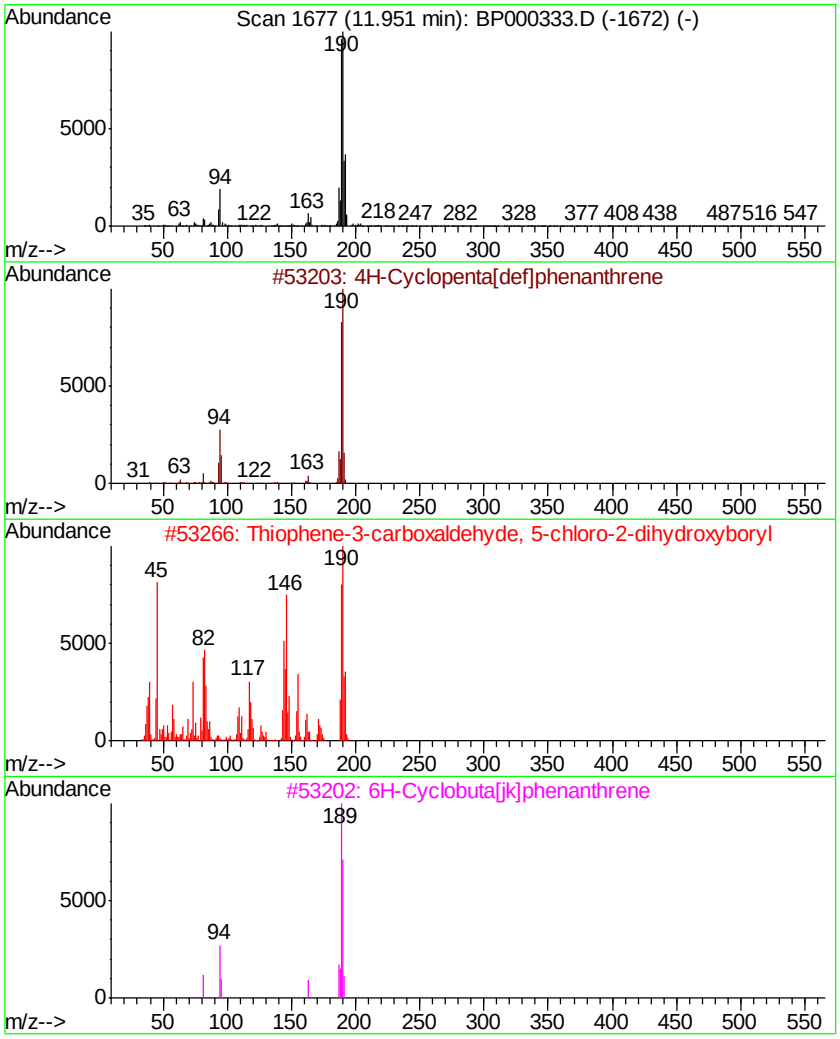
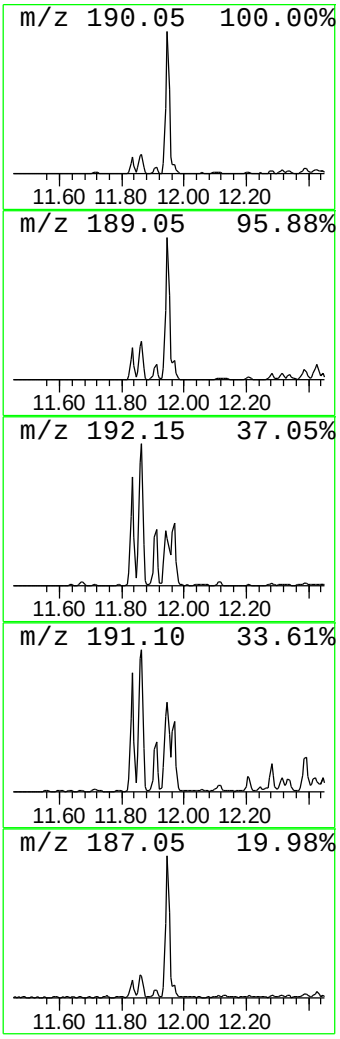
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.15 ng	431319	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Operator : HP/JU
Sample : K4962-09
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Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

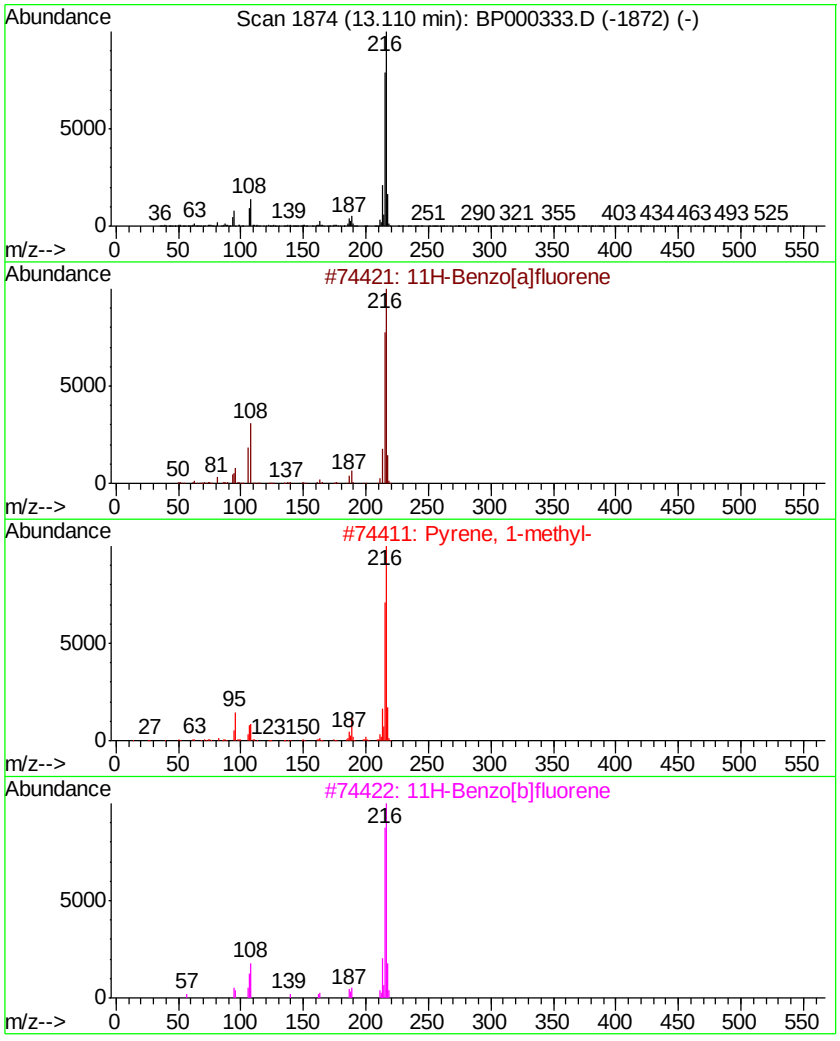
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

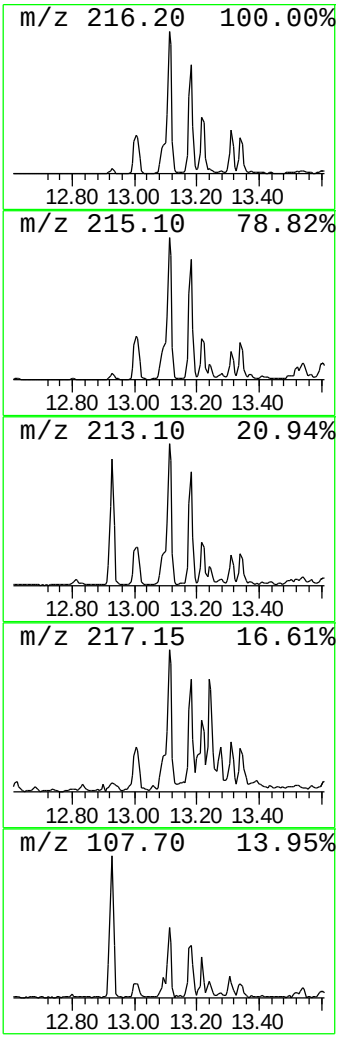
****

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.31 ng	494703	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Library Search Compound Report

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Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

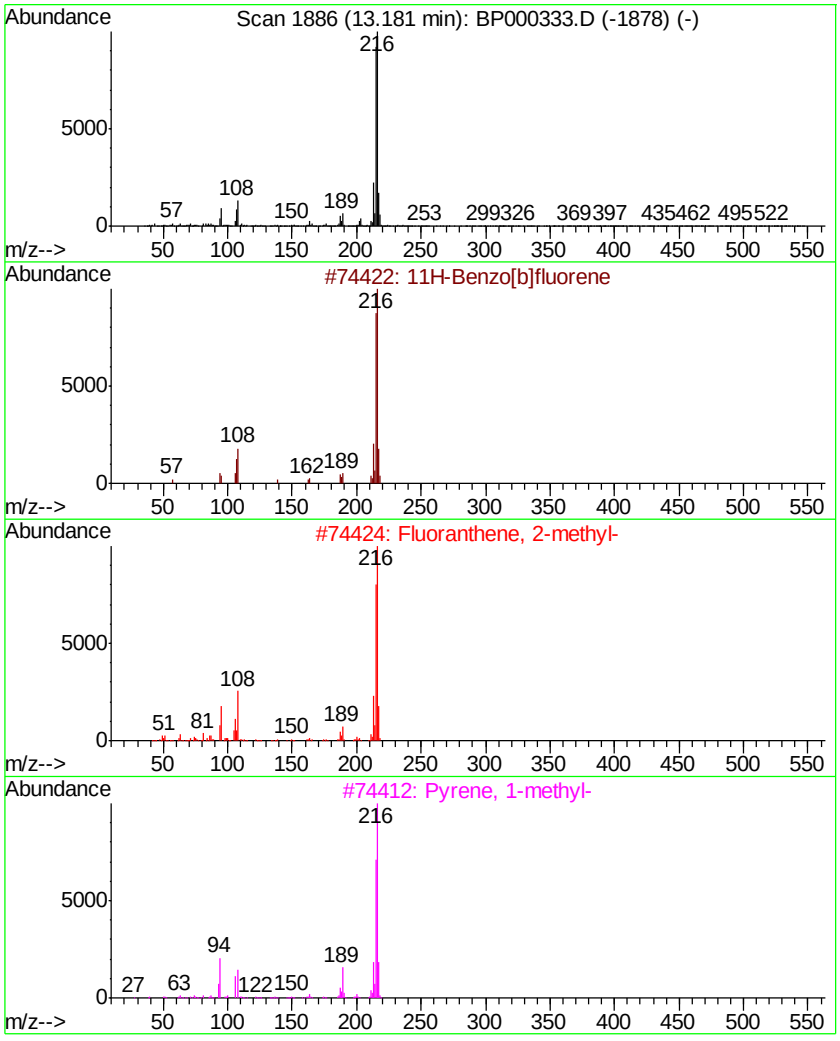
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

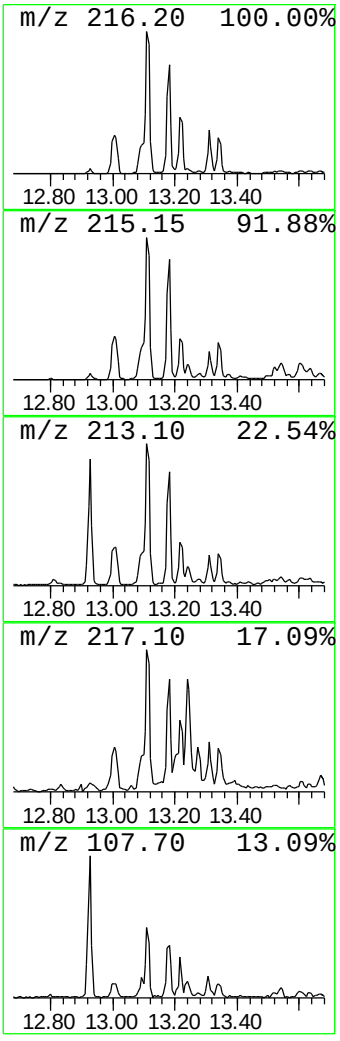
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.51 ng	536632	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Data File : BP000333.D
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Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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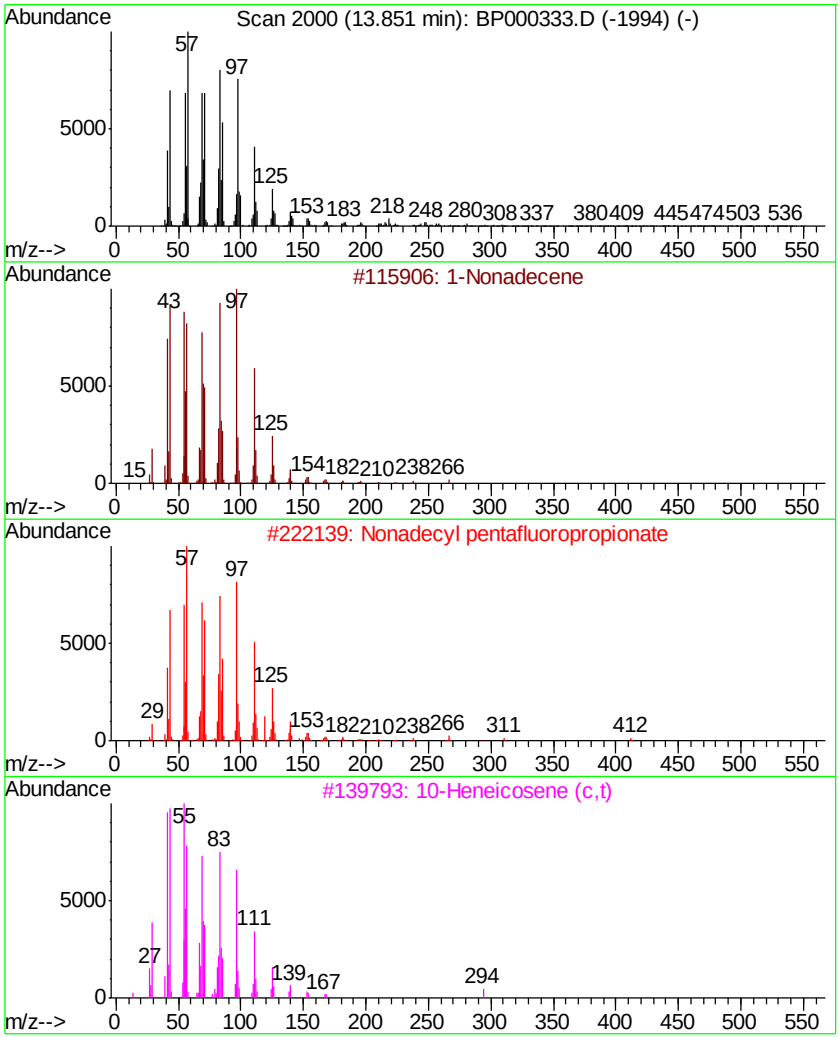
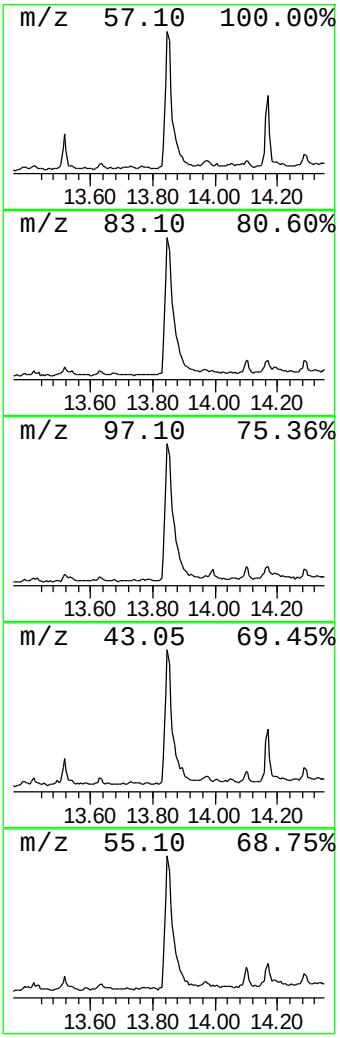
Peak Number 7 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.54 ng	971848	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





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Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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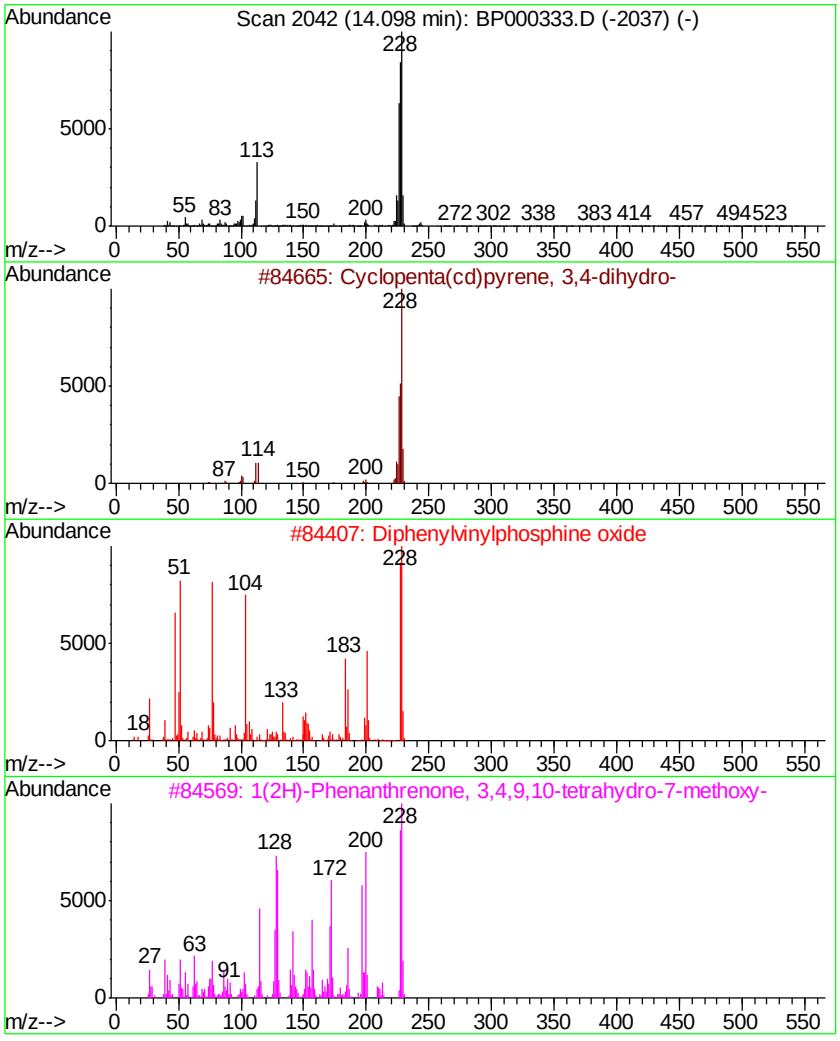
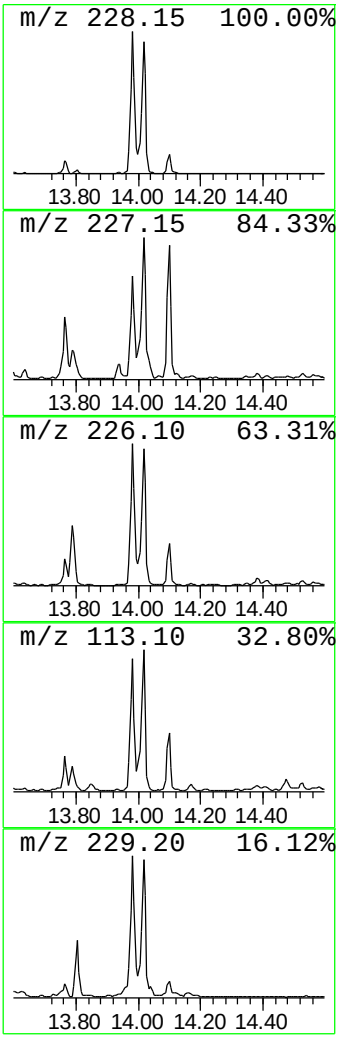
Peak Number 8 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.07 ng	442912	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
3	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50





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Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

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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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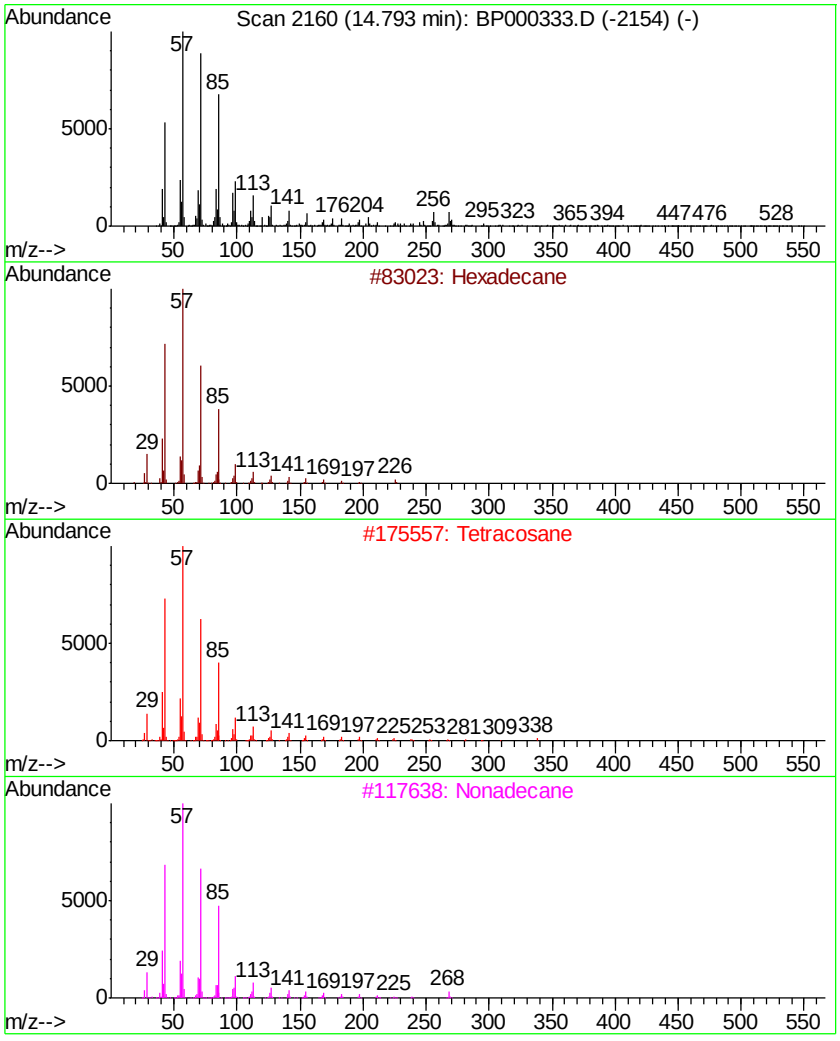
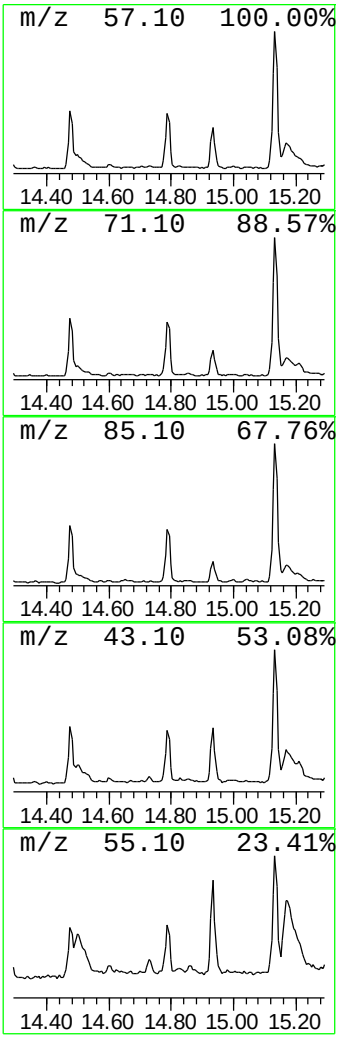
Peak Number 9 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.86 ng	305833	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Nonadecane	268	C19H40	000629-92-5	92
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90





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ClientSampleId : TP-1-5

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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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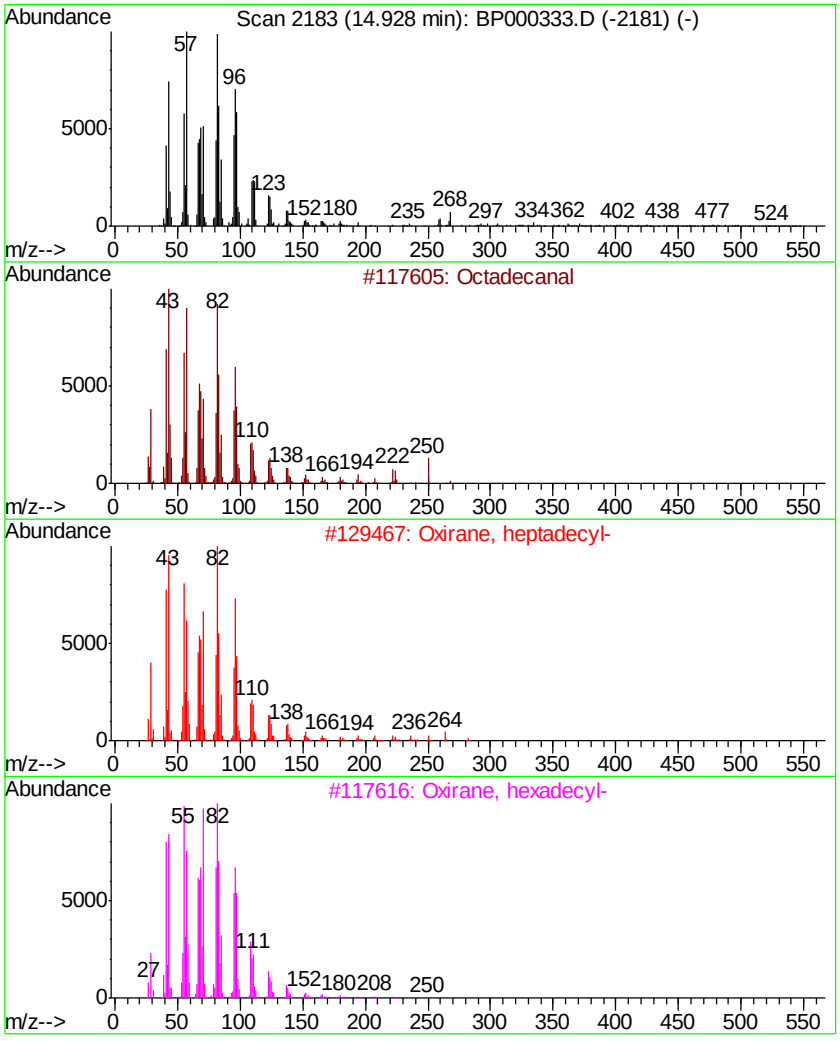
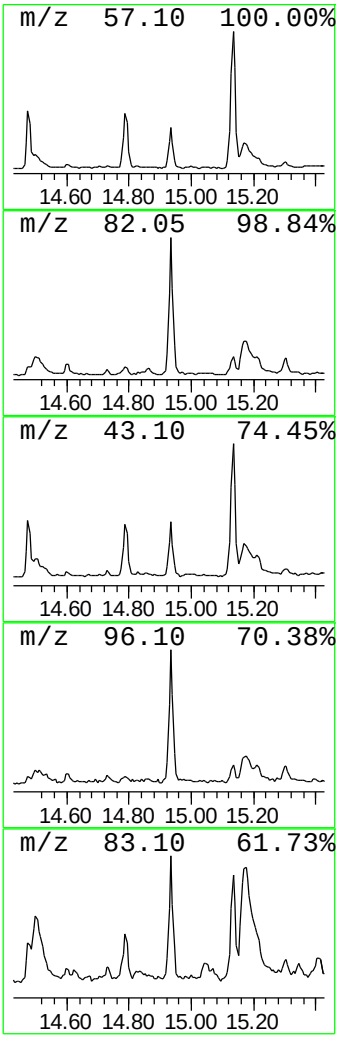
Peak Number 10 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.38 ng	361422	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4	Tetracosanal	352	C24H48O	057866-08-7	87
5	Heptadecanal	254	C17H34O	1000376-70-0	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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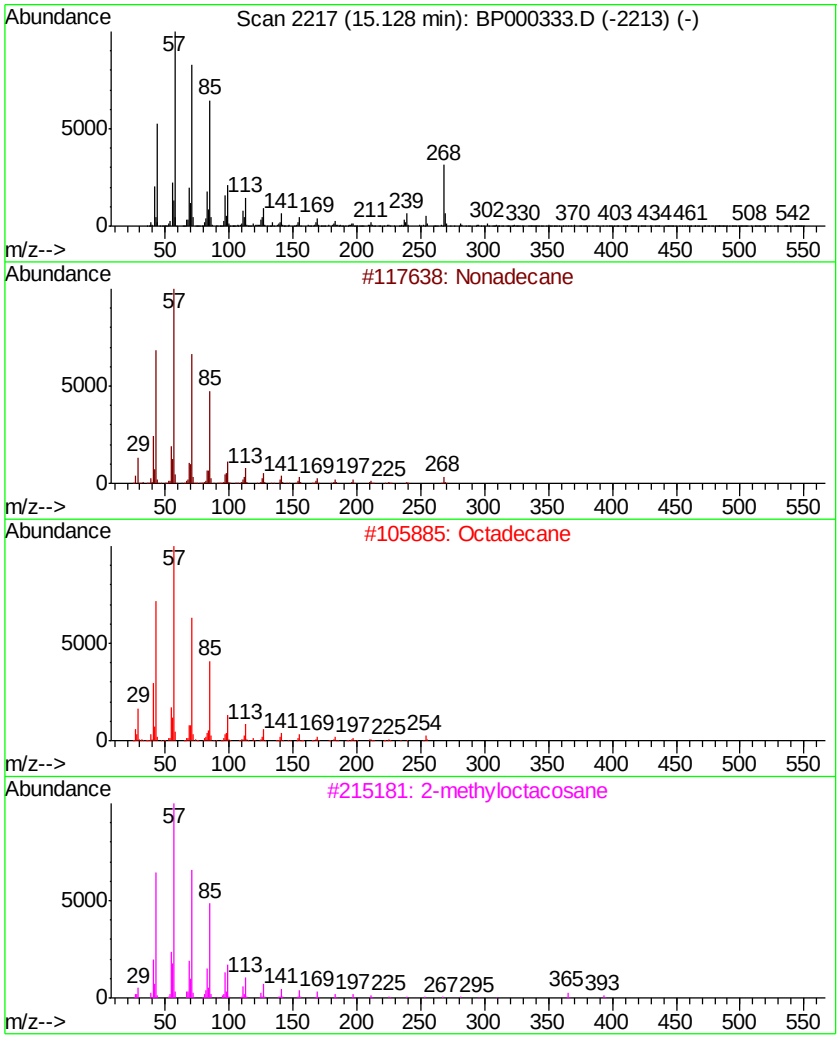
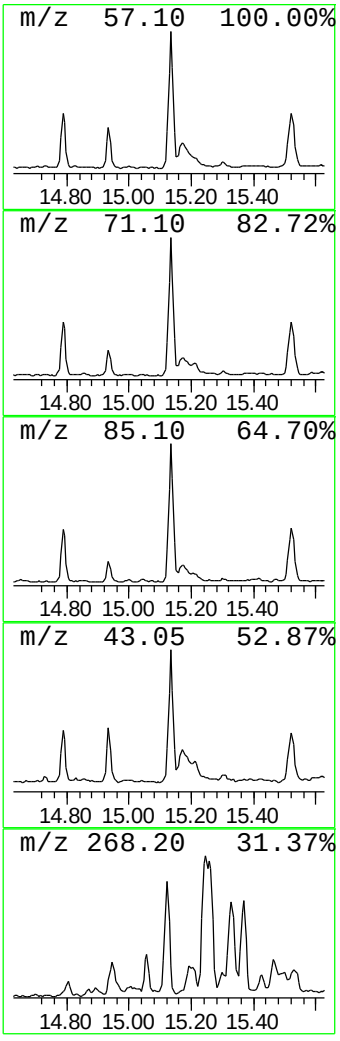
Peak Number 11 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	13.51 ng	1445220	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octadecane	254	C18H38	000593-45-3	96
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

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Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

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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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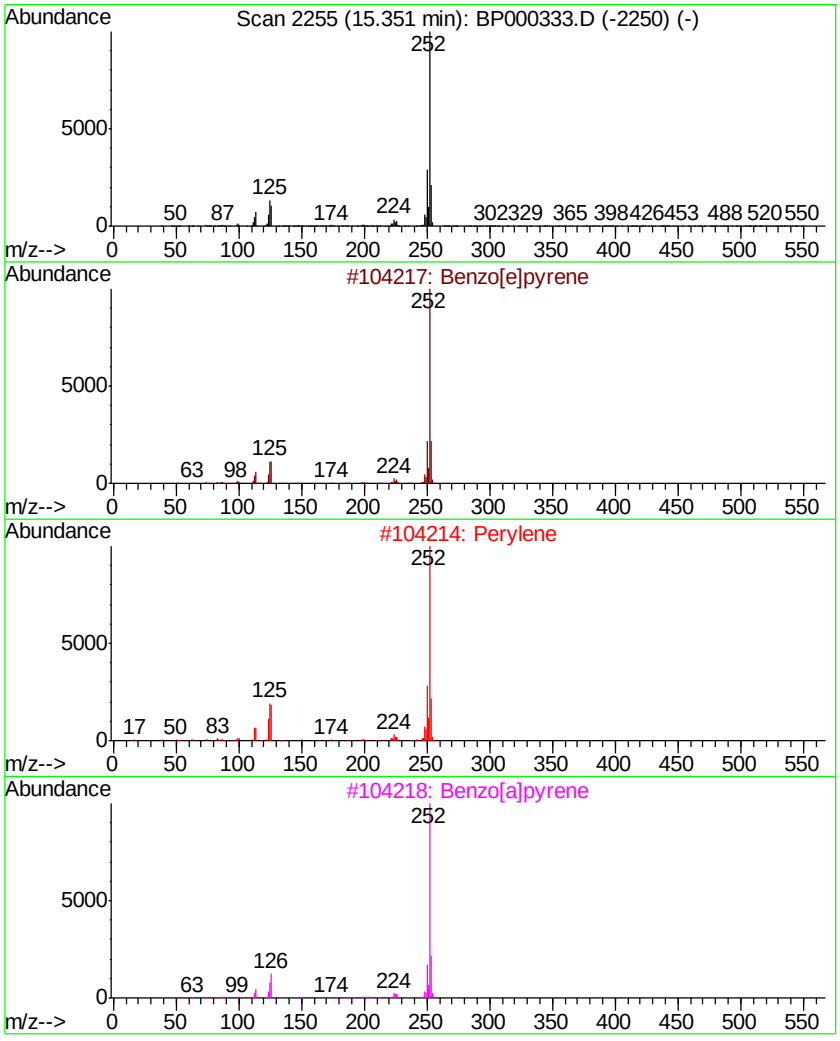
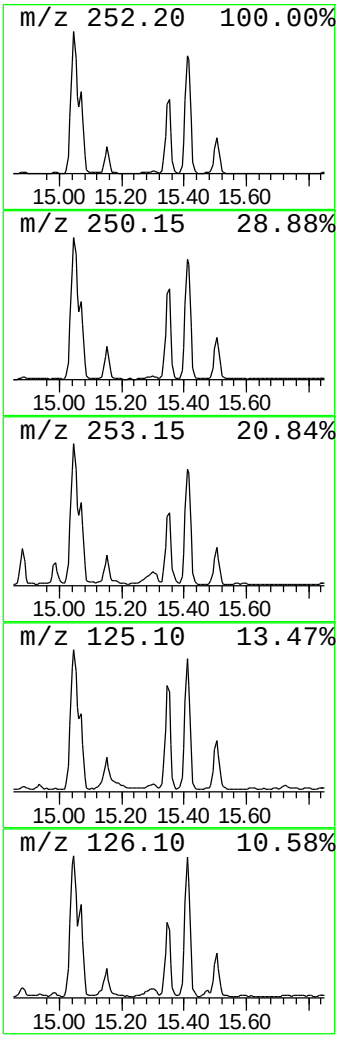
Peak Number 12 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	11.90 ng	1272350	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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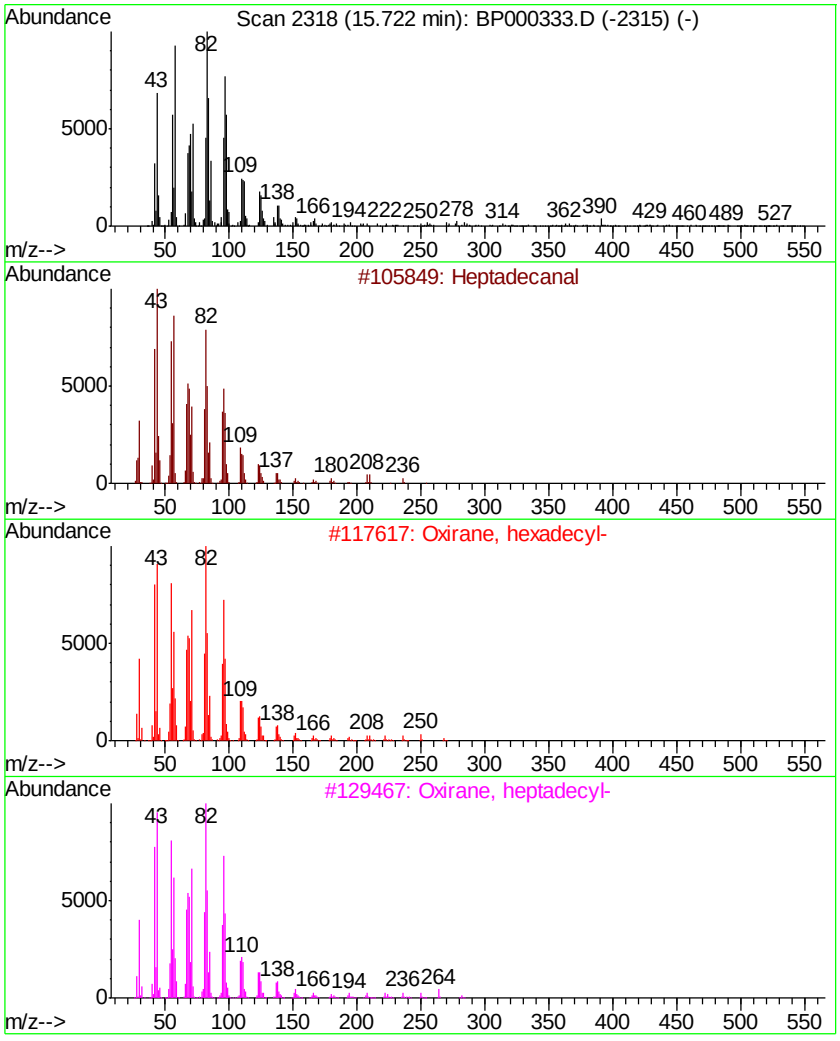
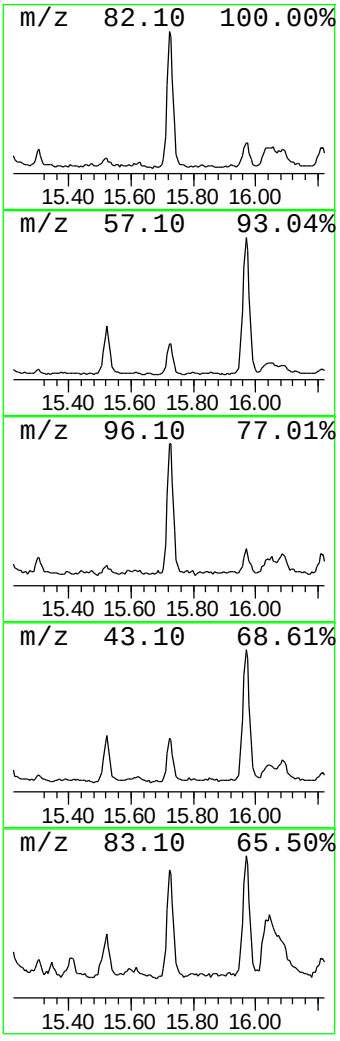
Peak Number 13 Heptadecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.99 ng	426779	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	1,30-Triacontanediol	454	C30H62O2	036645-68-8	83
5	1,19-Eicosadiene	278	C20H38	014811-95-1	68





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Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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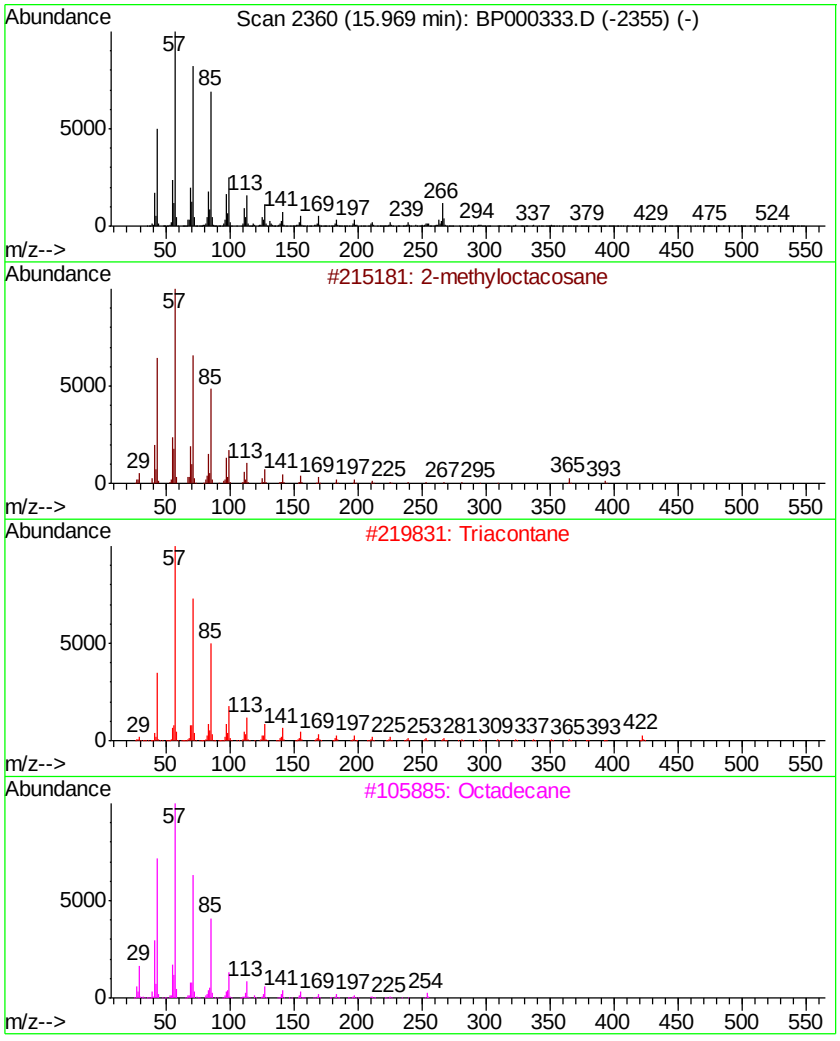
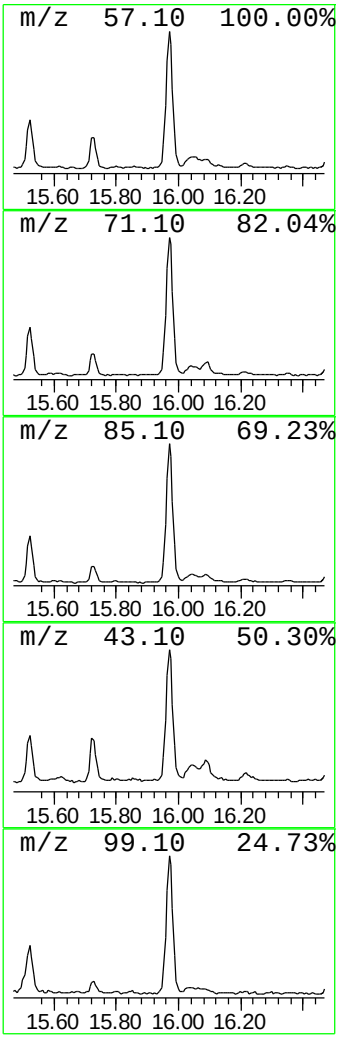
Peak Number 14 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	9.56 ng	1022240	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Library Search Compound Report

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Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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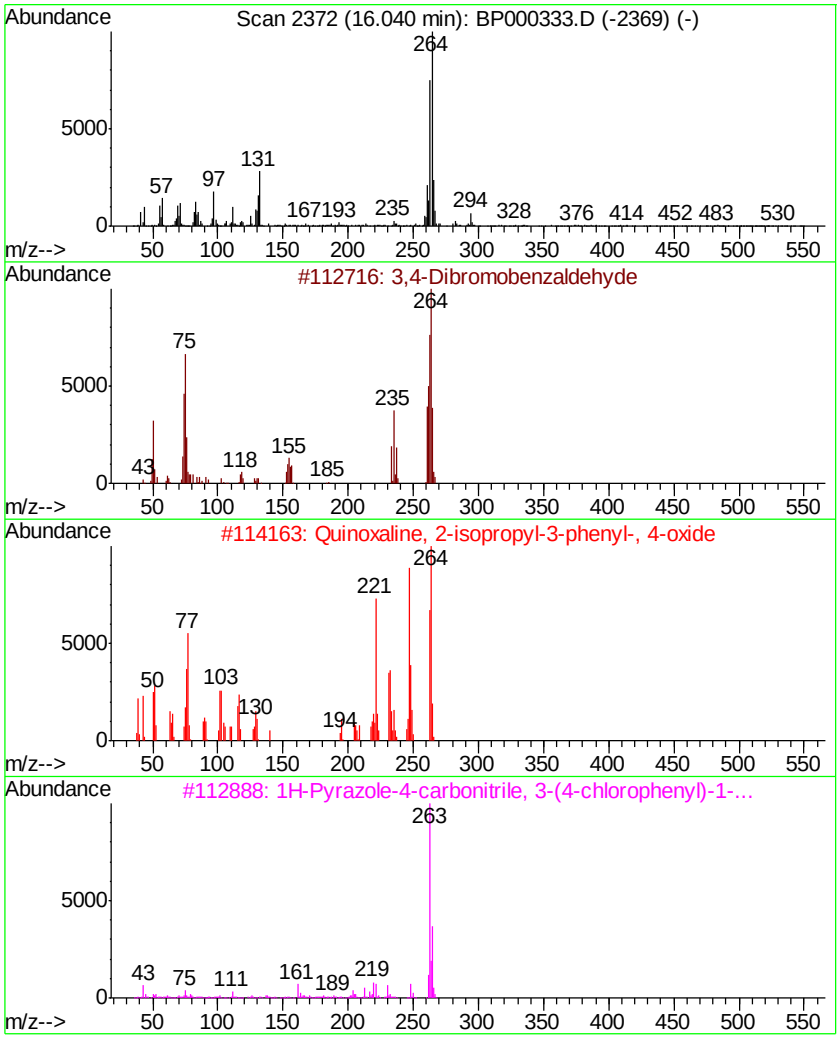
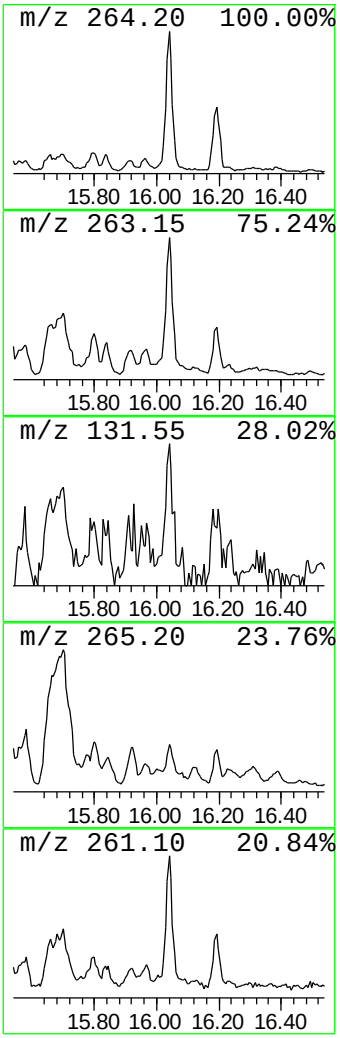
Peak Number 15 3,4-Dibromobenzaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.17 ng	232018	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	Quinoxaline, 2-isopropyl-3-phenyl...	264	C17H16N2O	016007-79-7	50
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	38
4	7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	25
5	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	23





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

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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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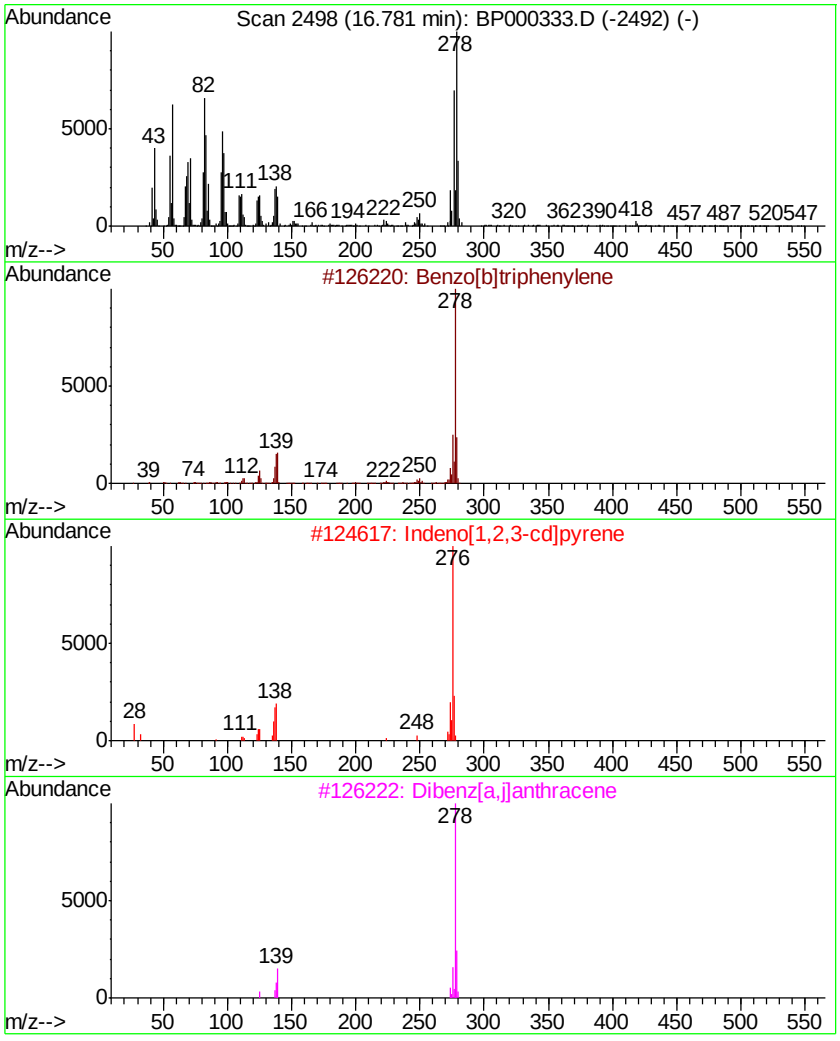
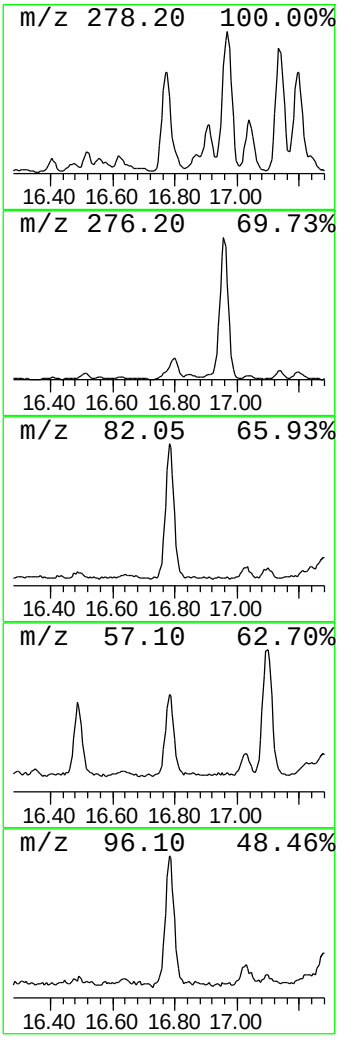
Peak Number 16 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	6.72 ng	718830	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	83
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	47
3	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	47
4	Picene	278	C22H14	000213-46-7	38
5	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	38





Tentatively Identified Compound (LSC) summary

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Data File : BP000333.D
Acq On : 19 Sep 2019 16:28
Operator : HP/JU
Sample : K4962-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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
unknown6.56	6.56	60.6	ng	3727650	1	6.79	1229280	20.0
Phenanthrene, 2-m...	11.86	3.8	ng	390648	4	11.33	2077550	20.0
4H-Cyclopenta[def...	11.95	4.2	ng	431319	4	11.33	2077550	20.0
11H-Benzo[a]fluorene	13.11	2.3	ng	494703	5	13.99	4277300	20.0
11H-Benzo[b]fluorene	13.18	2.5	ng	536632	5	13.99	4277300	20.0
1-Nonadecene	13.85	4.5	ng	971848	5	13.99	4277300	20.0
Cyclopenta(cd)pyr...	14.10	2.1	ng	442912	5	13.99	4277300	20.0
Hexadecane	14.79	2.9	ng	305833	6	15.47	2138900	20.0
Octadecanal	14.93	3.4	ng	361422	6	15.47	2138900	20.0
Nonadecane	15.13	13.5	ng	1445220	6	15.47	2138900	20.0
Benzo[e]pyrene	15.35	11.9	ng	1272350	6	15.47	2138900	20.0
Heptadecanal	15.72	4.0	ng	426779	6	15.47	2138900	20.0
2-methyloctacosane	15.97	9.6	ng	1022240	6	15.47	2138900	20.0
3,4-Dibromobenzal...	16.04	2.2	ng	232018	6	15.47	2138900	20.0
Benzo[b]triphenylene	16.78	6.7	ng	718830	6	15.47	2138900	20.0