LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_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	5.404	556	564	568	rBV	5667986	5833047	70.28%	5.838%
2	6.416	731	736	741	rBV	5644055	6424625	77.41%	6.430%
3	6.557	755	760	763	rBV	7405691	6470895	77.97%	6.476%
4	6.787	796	799	802	rBV	2328306	1733739	20.89%	1.735%
5	6.946	822	826	829	rBV	6604510	5366424	64.66%	5.371%
6	7.345	889	894	897	rBV	4804204	3990683	48.08%	3.994%
7	8.069	1013	1017	1020	rBV	2957799	2241147	27.00%	2.243%
8	9.145	1196	1200	1204	rBV	8865721	8208667	98.91%	8.215%
9	9.539	1264	1267	1270	rBV	1167690	857983	10.34%	0.859%
10	9.828	1312	1316	1320	rBV	3552087	2783942	33.54%	2.786%
11	10.622	1446	1451	1454	rBV	6073379	5520442	66.52%	5.525%
12	10.745	1469	1472	1480	rVB4	78325	98746	1.19%	0.099%
13	11.322	1566	1570	1572	rBV	3588638	2894793	34.88%	2.897%
14	11.345	1572	1574	1577	rVV	811082	611772	7.37%	0.612%
15	11.392	1577	1582	1586	rVB	277060	273783	3.30%	0.274%
16	11.581	1607	1614	1618	rBV5	52380	111381	1.34%	0.111%
17	11.828	1653	1656	1658	rBV	243862	199439	2.40%	0.200%
18	11.863	1658	1662	1666	rVV2	809781	851056	10.25%	0.852%
19	11.904	1666	1669	1672	rVV	180279	169708	2.04%	0.170%
20	11.939	1672	1675	1677	rVV2	370404	381324	4.59%	0.382%
21	11.963	1677	1679	1682	rVB	212001	164942	1.99%	0.165%
22	12.039	1686	1692	1694	rBV3	72615	94221	1.14%	0.094%
23	12.128	1704	1707	1709	rBV	219866	194831	2.35%	0.195%
24	12.281	1727	1733	1735	rBV2	114508	147927	1.78%	0.148%
25	12.386	1744	1751	1753	rBV	271683	321928	3.88%	0.322%
26	12.422	1753	1757	1758	rVV	162476	203488	2.45%	0.204%
27	12.469	1762	1765	1770	rVB2	179505	216325	2.61%	0.216%
28	12.545	1774	1778	1781	rBV	3575348	2903328	34.98%	2.906%
29	12.651	1794	1796	1802	rBV3	159718	225609	2.72%	0.226%
30	12.698	1802	1804	1808	rVB	94853	93427	1.13%	0.093%
31	12.775	1811	1817	1820	rBV	3613075	3470080	41.81%	3.473%
32	12.828	1824	1826	1832	rVB3	161586	230907	2.78%	0.231%
33	12.898	1835	1838	1839	rBV	187312	154841	1.87%	0.155%
34	12.928	1839	1843	1846	rVV	8952491	8299525	100.00%	8.306%

LSC Area Percent Report

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Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	12.998	1850	1855	1858	rBV2	272037	411085	4.95%	0.411%
36	13.086	1867	1870	1871	rBV2	209778	224190	2.70%	0.224%
37	13.104	1871	1873	1877	rVB	295840	318994	3.84%	0.319%
38	13.175	1882	1885	1888	rVB2	213125	199179	2.40%	0.199%
39	13.210	1888	1891	1894	rBV	425461	434113	5.23%	0.434%
40	13.304	1904	1907	1910	rBV	258833	229833	2.77%	0.230%
41	13.339	1910	1913	1916	rBV	264345	246616	2.97%	0.247%
42	13.416	1924	1926	1932	rVB5	106466	123448	1.49%	0.124%
43	13.516	1940	1943	1945	rBV	200890	155871	1.88%	0.156%
44	13.616	1957	1960	1966	rVB	303203	332444	4.01%	0.333%
45	13.727	1975	1979	1983	rBV2	274720	420375	5.07%	0.421%
46	13.763	1983	1985	1987	rVV	309566	259291	3.12%	0.259%
47	13.786	1987	1989	1993	rVV2	272818	326311	3.93%	0.327%
48	13.845	1993	1999	2007	rVB2	855906	1322584	15.94%	1.324%
49	13.986	2018	2023	2026	rBV2	3462144	4846320	58.39%	4.850%
50	14.010	2026	2027	2033	rVB	1711685	1416490	17.07%	1.418%
51	14.092	2036	2041	2048	rBV2	255555	340282	4.10%	0.341%
52	14.169	2051	2054	2058	rVB2	401694	352728	4.25%	0.353%
53	14.204	2058	2060	2065	rBV2	89772	109803	1.32%	0.110%
54	14.345	2081	2084	2085	rBV	141182	144541	1.74%	0.145%
55	14.380	2087	2090	2092	rVV	443439	451629	5.44%	0.452%
56	14.410	2093	2095	2098	rVB	244125	226978	2.73%	0.227%
57	14.475	2103	2106	2109	rVV4	452081	470357	5.67%	0.471%
58	14.504	2109	2111	2113	rVB	151549	134288	1.62%	0.134%
59	14.792	2157	2160	2166	rVB2	571096	664288	8.00%	0.665%
60	15.039	2197	2202	2205	rBV	1642547	2468002	29.74%	2.470%
61	15.139	2215	2219	2224	rVB2	720692	919824	11.08%	0.921%
62	15.345	2249	2254	2260	rVB	1007794	1287961	15.52%	1.289%
63	15.404	2260	2264	2270	rVB	1475800	1733363	20.89%	1.735%
64	15.469	2270	2275	2278	rBV	2134726	2660183	32.05%	2.662%
65	15.498	2278	2280	2282	rVV	471359	545613	6.57%	0.546%
66	15.522	2282	2284	2291	rVB	581718	745134	8.98%	0.746%
67	15.969	2356	2360	2368	rBV2	381648	619043	7.46%	0.620%
68	16.492	2445	2449	2461	rVB4	207174	484086	5.83%	0.484%
69	16.939	2520	2525	2534	rVB2	713813	1390308	16.75%	1.391%
70	17.386	2595	2601	2612	rVB	606240	1162197	14.00%	1.163%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4861-11
Misc :
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Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

Sum of corrected areas: 99922727

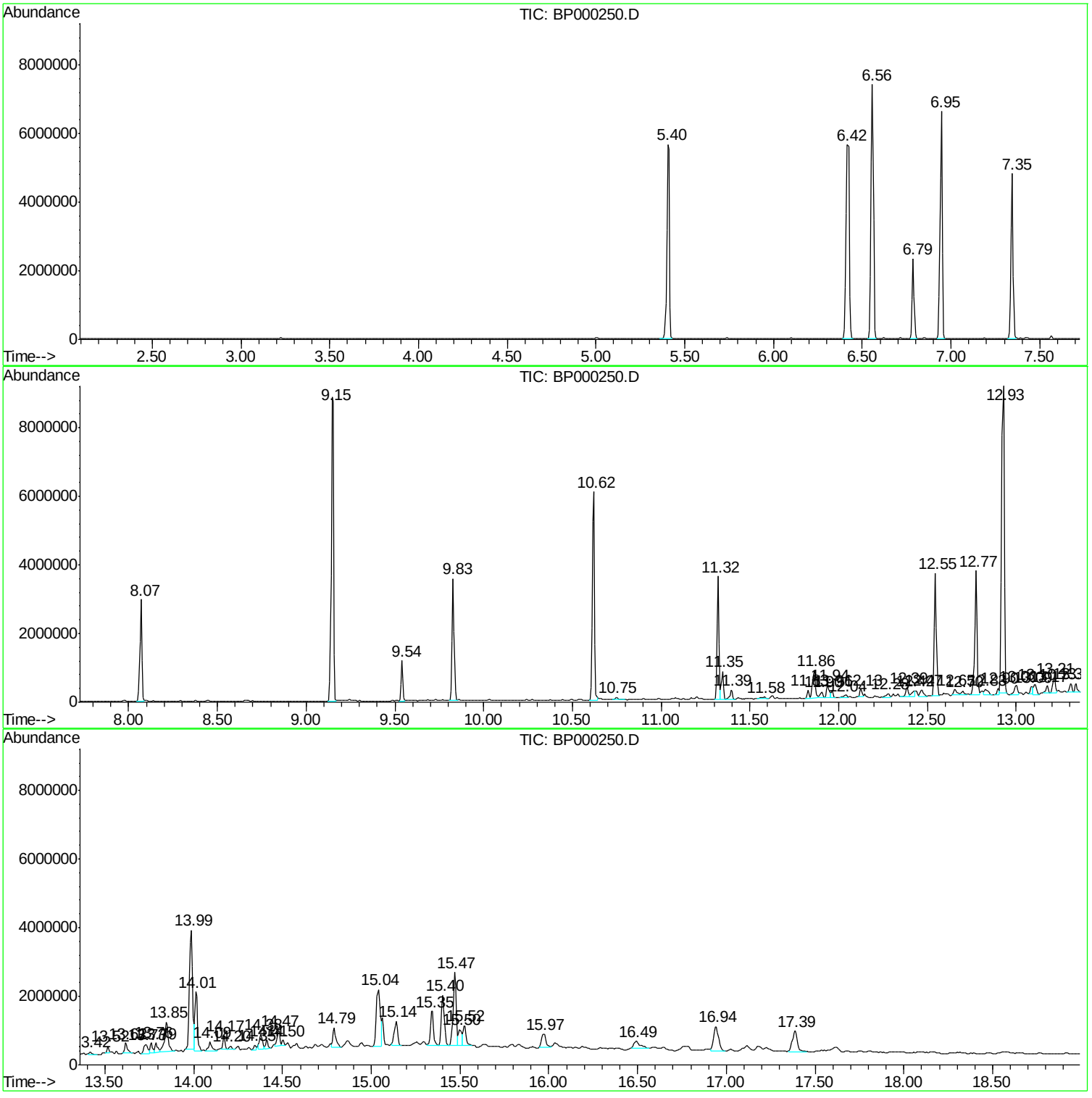
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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\BP091619\
Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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

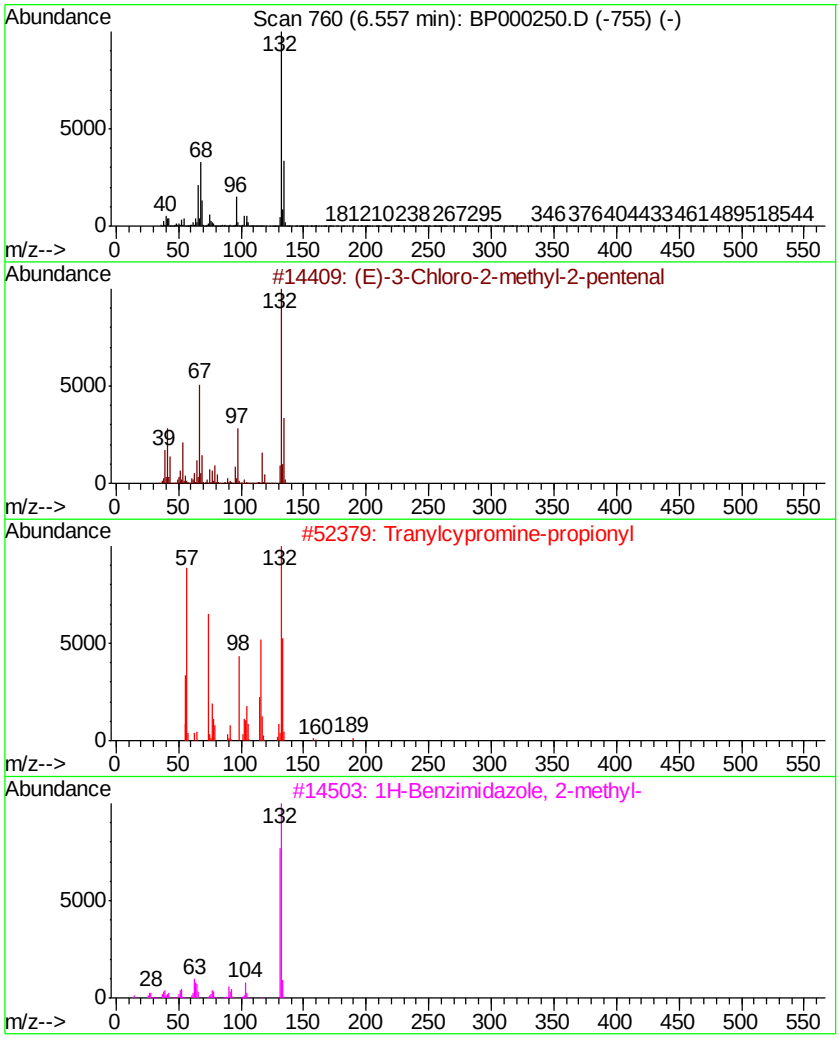
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

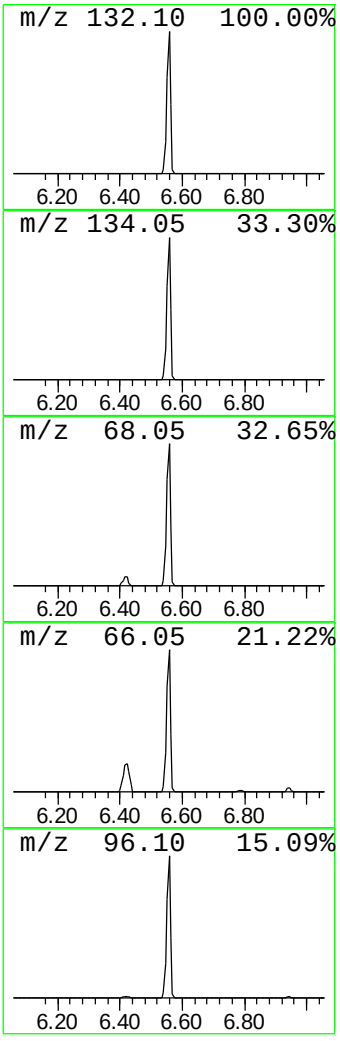
****

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	74.65 ng	6470900	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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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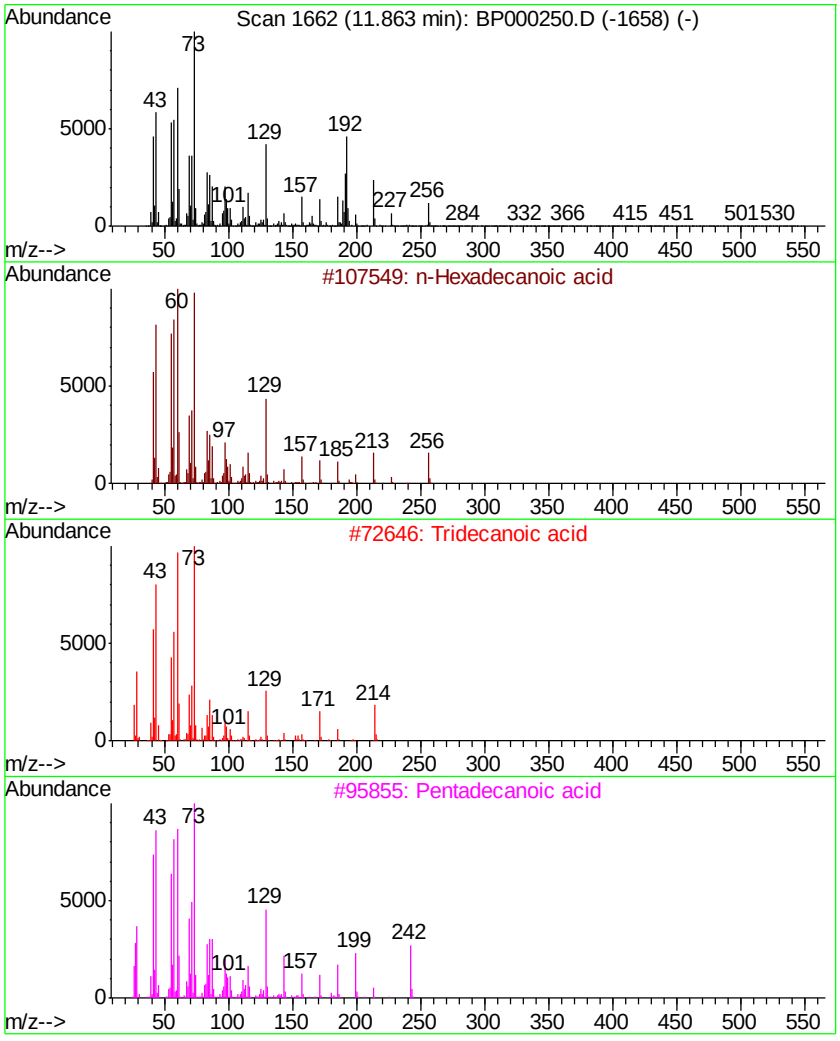
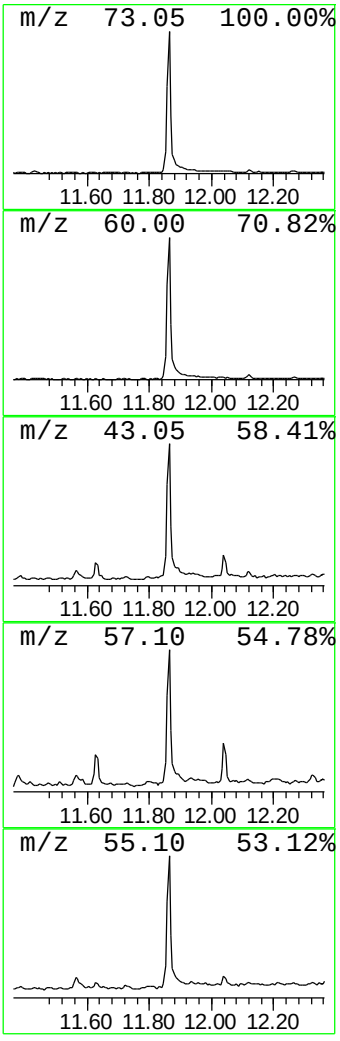
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.88 ng	851056	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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

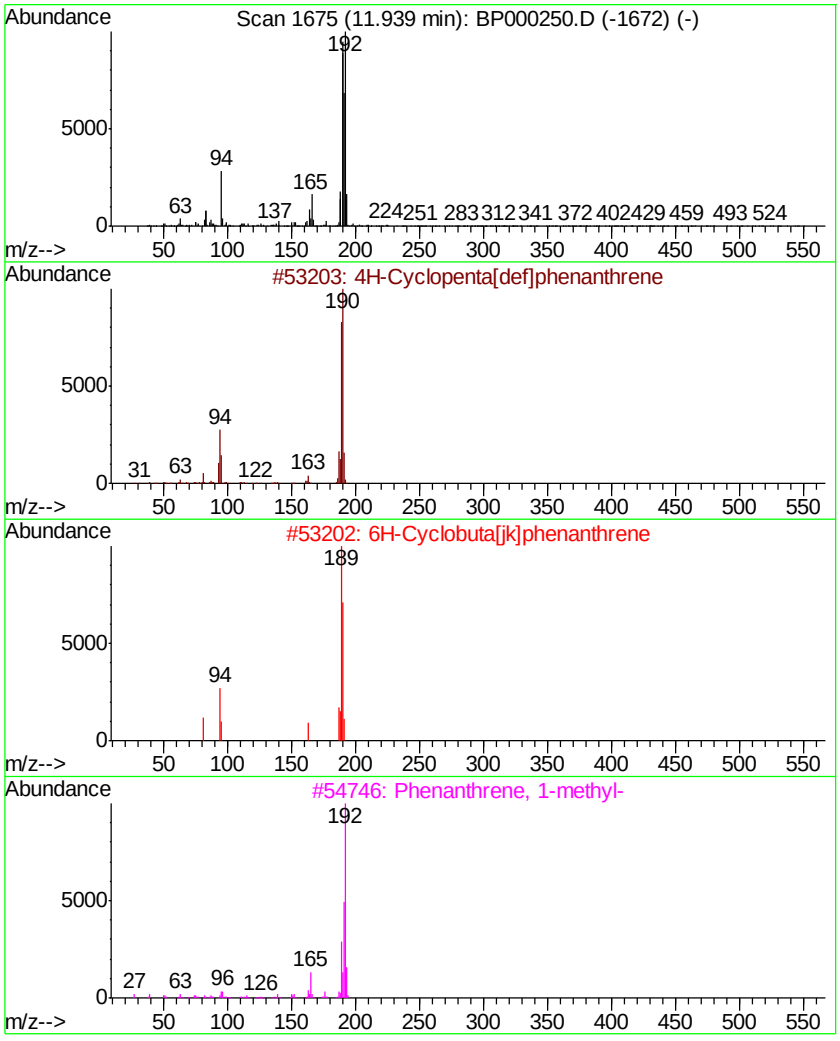
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

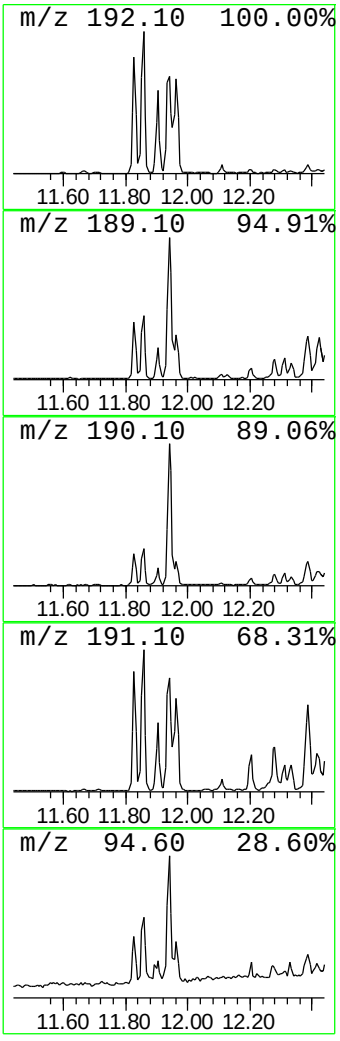
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.63 ng	381324	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46





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Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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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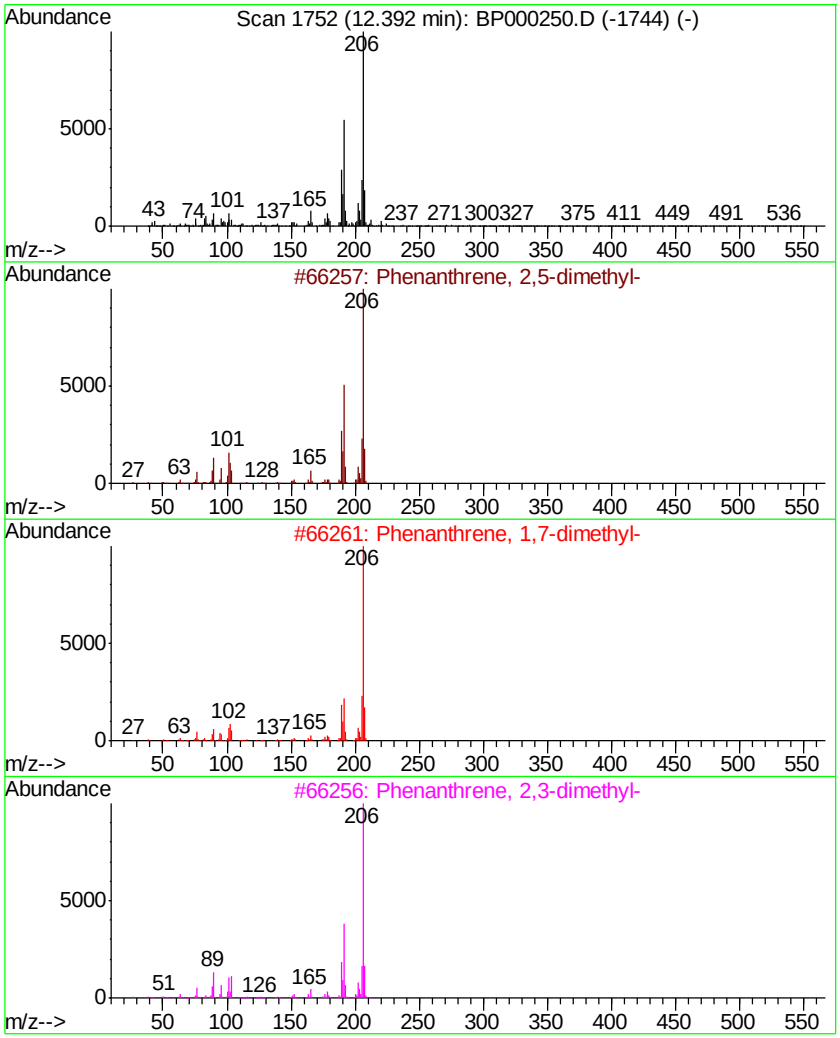
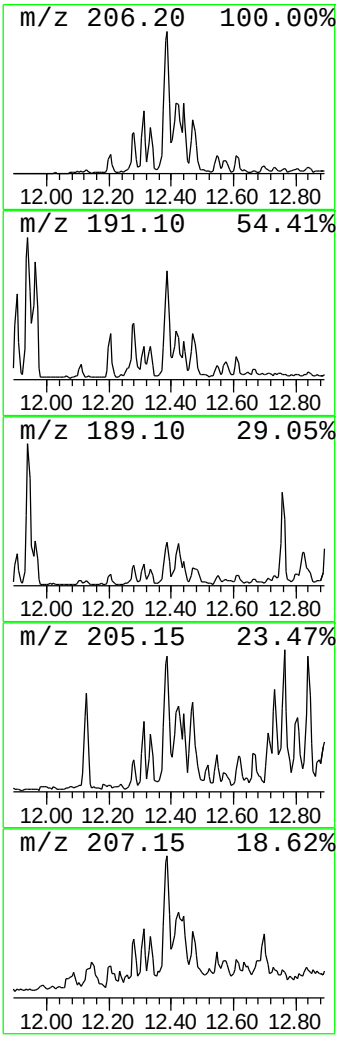
Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.22 ng	321928	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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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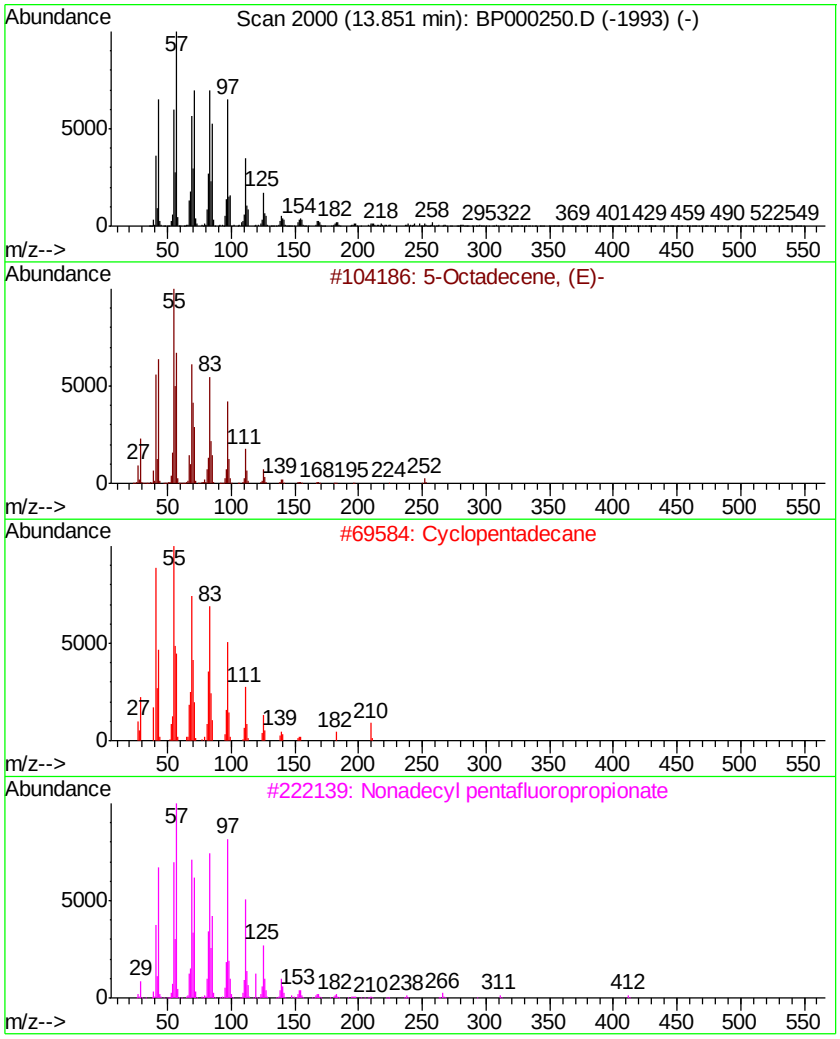
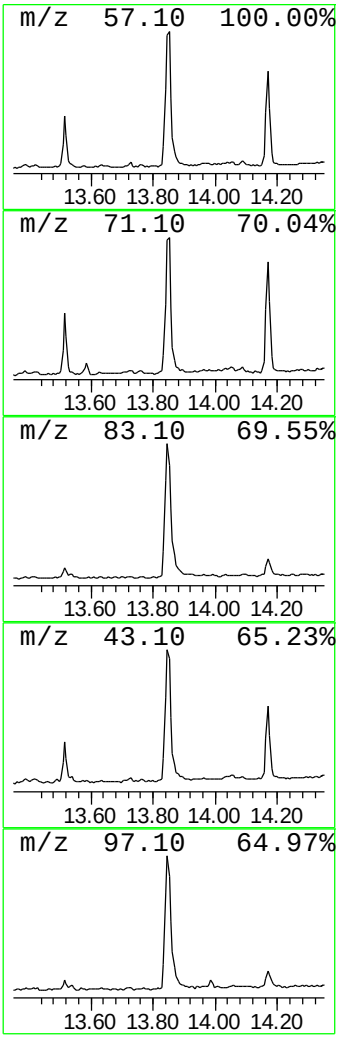
Peak Number 6 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.46 ng	1322580	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Library Search Compound Report

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Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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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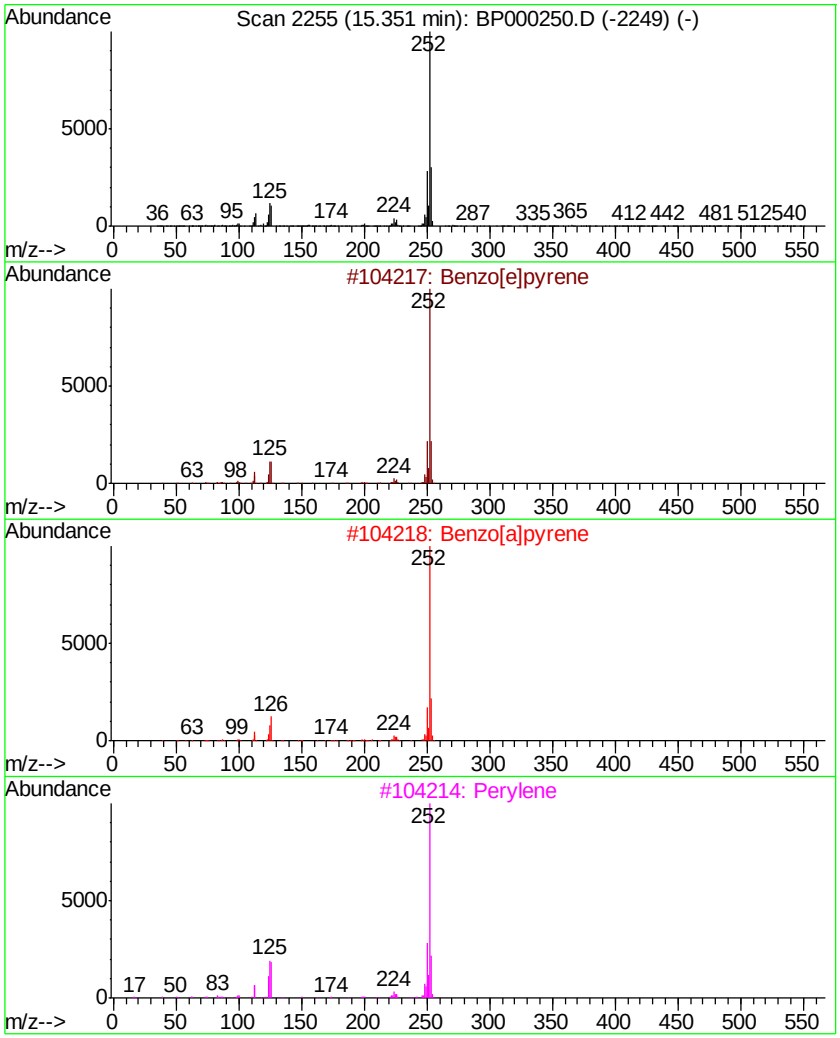
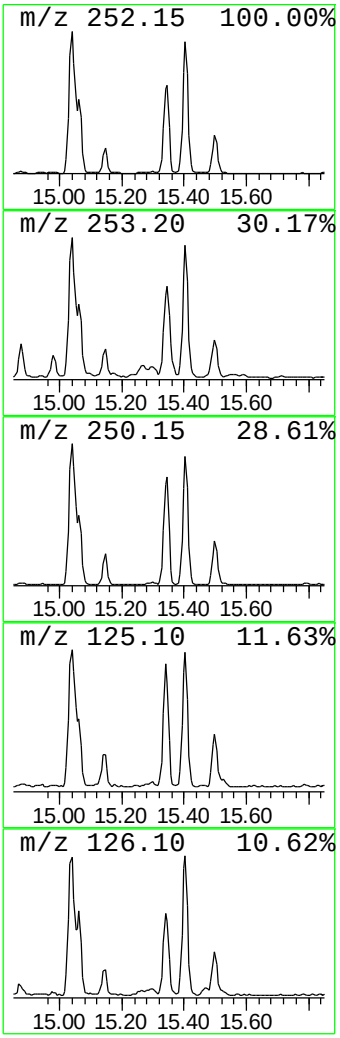
Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	9.68 ng	1287960	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Library Search Compound Report

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Data File : BP000250.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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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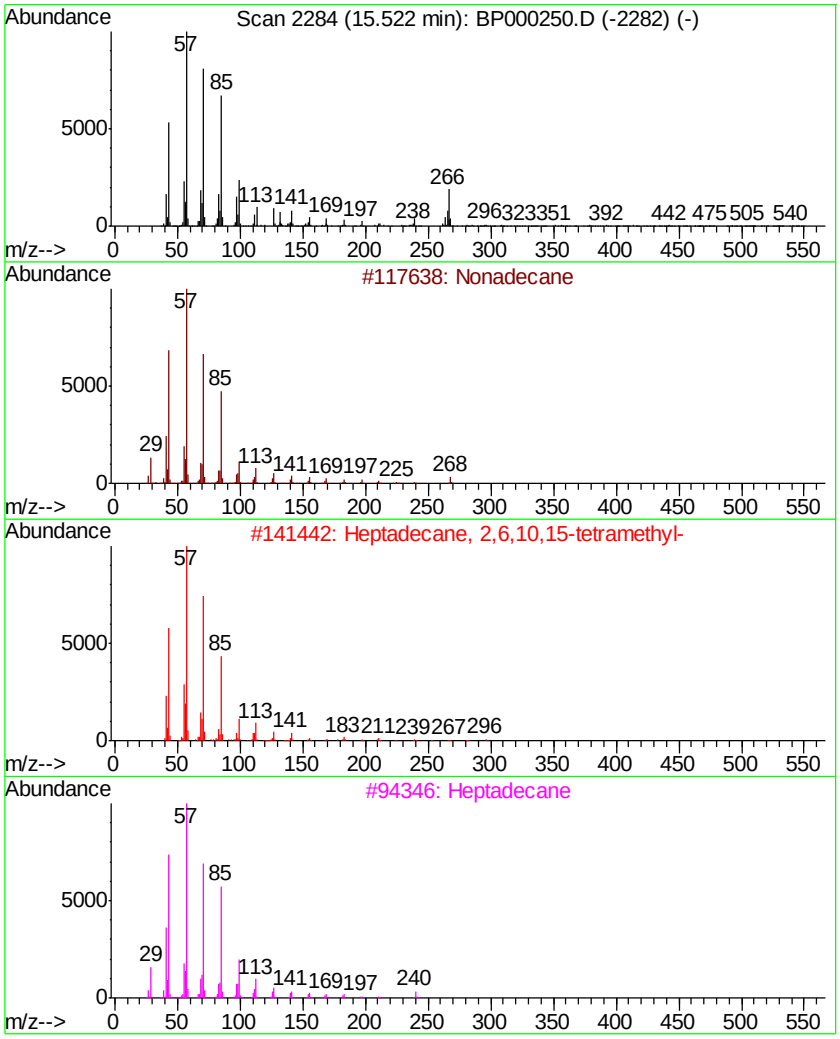
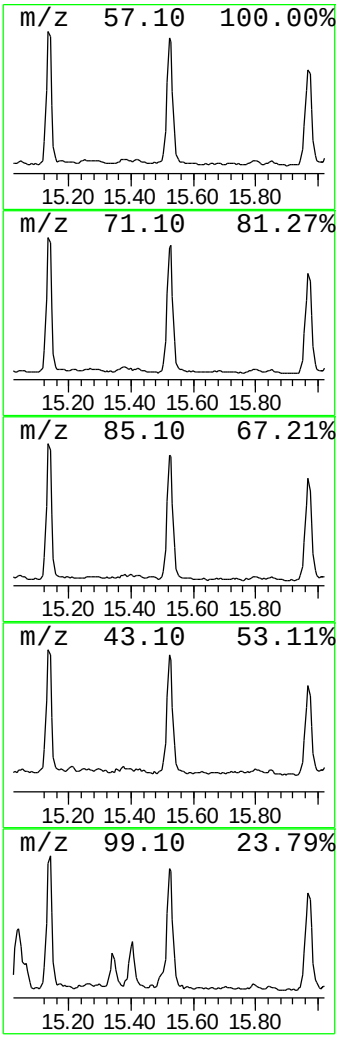
Peak Number 10 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.60 ng	745134	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Heptadecane	240	C17H36	000629-78-7	64
4	Heneicosane	296	C21H44	000629-94-7	62
5	2-methyloctacosane	408	C29H60	1000376-72-8	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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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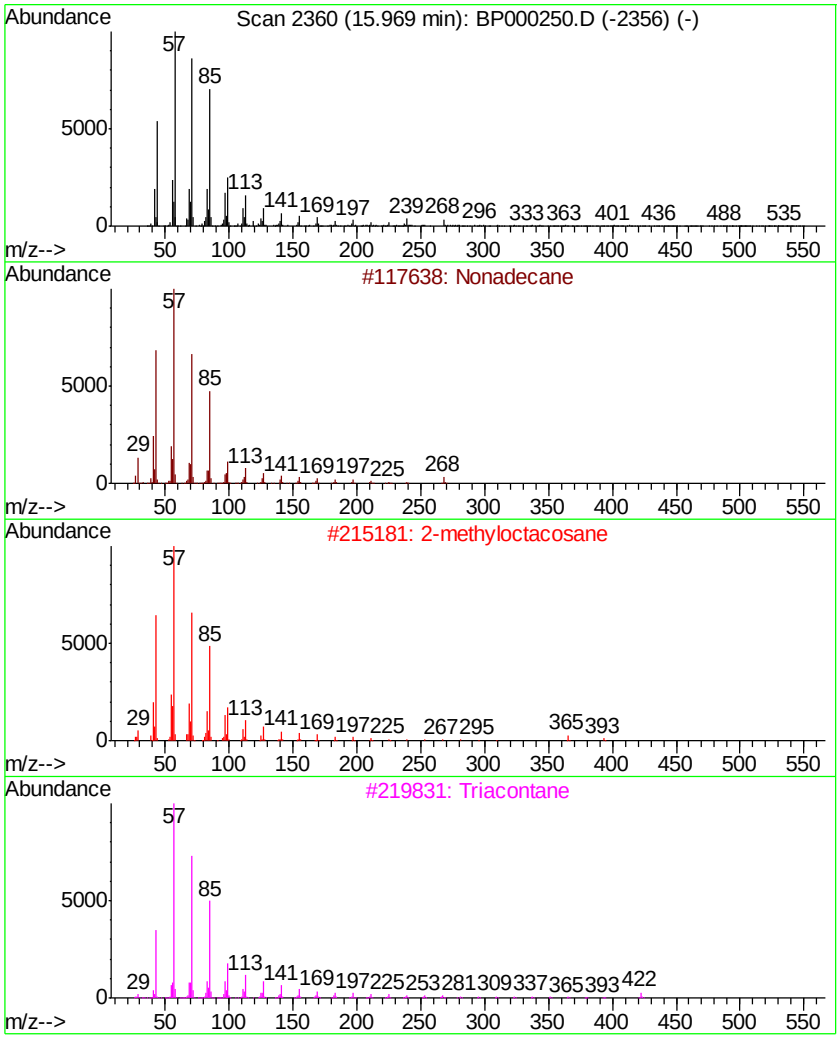
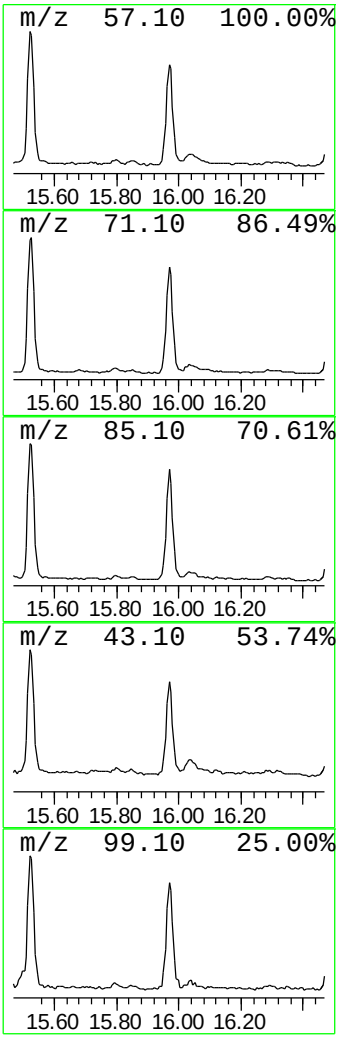
Peak Number 11 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.65 ng	619043	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	2-methylhexacosane	380	C27H56	1000376-72-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

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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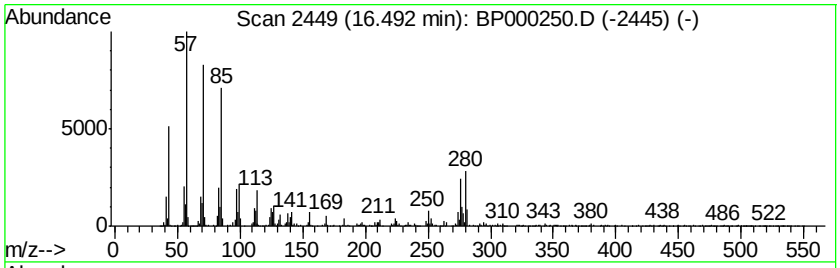
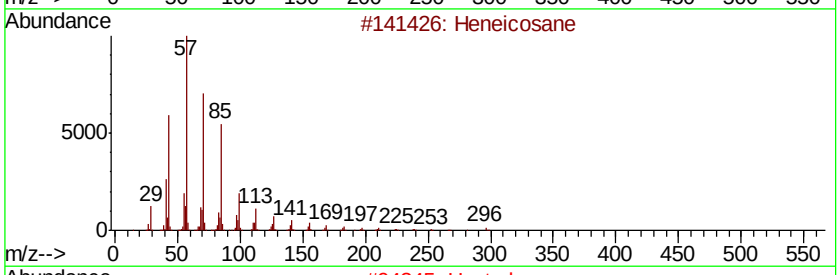
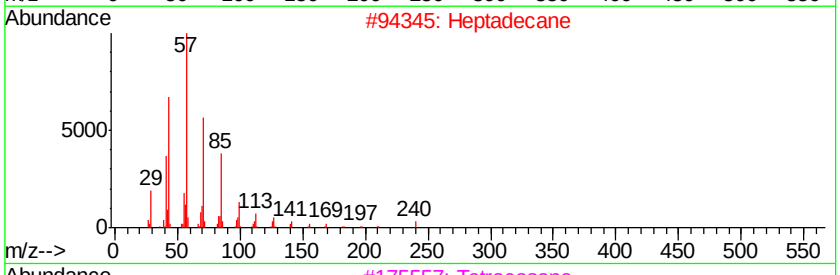
Peak Number 12 Heneicosane Concentration Rank 10

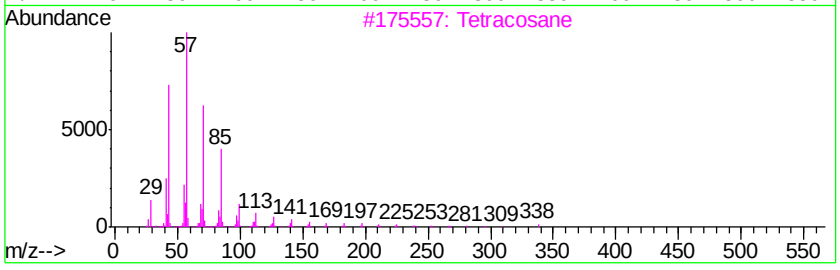
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.64 ng	484086	Perylene-d12	15.47

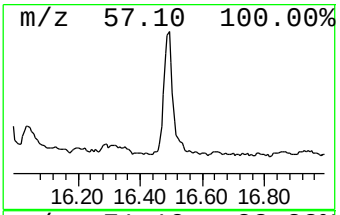
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	92
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	83
5	Eicosane	282	C20H42	000112-95-8	64

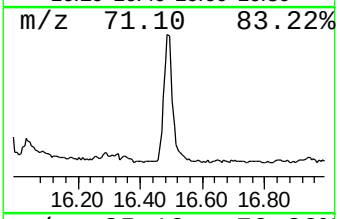


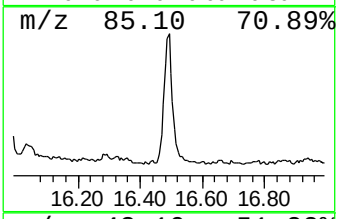


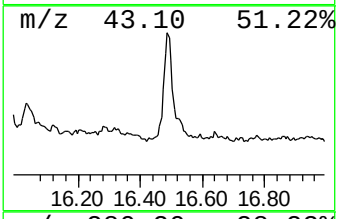


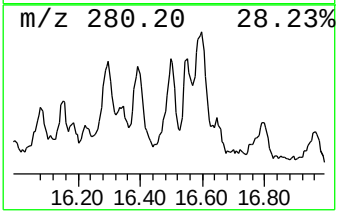












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091619\
Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
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Instrument : BNA_P
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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	74.7	ng	6470900	1	6.79	1733740	20.0
n-Hexadecanoic acid	11.86	5.9	ng	851056	4	11.32	2894790	20.0
4H-Cyclopenta[def...	11.94	2.6	ng	381324	4	11.32	2894790	20.0
Phenanthrene, 2,5...	12.39	2.2	ng	321928	4	11.32	2894790	20.0
5-Octadecene, (E)-	13.85	5.5	ng	1322580	5	13.99	4846320	20.0
Benzo[e]pyrene	15.35	9.7	ng	1287960	6	15.47	2660180	20.0
Nonadecane	15.52	5.6	ng	745134	6	15.47	2660180	20.0
2-methyloctacosane	15.97	4.7	ng	619043	6	15.47	2660180	20.0
Heneicosane	16.49	3.6	ng	484086	6	15.47	2660180	20.0