LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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	2.346	41	44	52	rBV	34462	47391	1.11%	0.086%
2	3.493	233	239	250	rBV	35857	63912	1.50%	0.116%
3	4.911	476	480	485	rBV	70437	68886	1.61%	0.125%
4	6.381	727	730	735	rBV	948611	959734	22.50%	1.748%
5	6.428	735	738	750	rVV	899706	851673	19.96%	1.551%
6	6.516	750	753	761	rVV	1229606	1044419	24.48%	1.902%
7	6.746	789	792	796	rBV	1326250	1116927	26.18%	2.034%
8	7.134	854	858	872	rBV	1062929	973708	22.83%	1.773%
9	7.305	884	887	891	rBV	1195126	940234	22.04%	1.713%
10	7.634	939	943	954	rBV	1010425	791290	18.55%	1.441%
11	7.881	982	985	993	rVV	1511922	1277697	29.95%	2.327%
12	7.940	993	995	1007	rVV9	15303	36857	0.86%	0.067%
13	8.034	1007	1011	1014	rVV	1918422	1577306	36.97%	2.873%
14	8.093	1018	1021	1036	rVV	1205866	1010357	23.68%	1.840%
15	9.487	1255	1258	1260	rBV	2193084	1814712	42.54%	3.305%
16	9.510	1260	1262	1265	rVB	1223232	872085	20.44%	1.588%
17	9.640	1281	1284	1293	rVB	2929862	2439069	57.18%	4.442%
18	9.799	1307	1311	1314	rVV	2366799	2022760	47.42%	3.684%
19	9.828	1314	1316	1320	rVB	58603	47263	1.11%	0.086%
20	9.910	1326	1330	1339	rBV	556551	629479	14.76%	1.147%
21	9.975	1339	1341	1343	rVV2	41229	43751	1.03%	0.080%
22	10.004	1343	1346	1350	rVV	113297	110543	2.59%	0.201%
23	10.210	1376	1381	1384	rVV2	31857	40549	0.95%	0.074%
24	10.316	1396	1399	1402	rBV	3091962	2808922	65.85%	5.116%
25	10.346	1402	1404	1409	rVB	93728	75544	1.77%	0.138%
26	10.393	1409	1412	1418	rBV	643356	561402	13.16%	1.023%
27	10.446	1418	1421	1426	rVV3	49234	68428	1.60%	0.125%
28	11.034	1516	1521	1523	rBV2	32968	43492	1.02%	0.079%
29	11.099	1529	1532	1536	rVB2	40423	41728	0.98%	0.076%
30	11.293	1562	1565	1568	rBV	2581850	2342125	54.90%	4.266%
31	11.316	1568	1569	1572	rVV	740943	473370	11.10%	0.862%
32	11.351	1572	1575	1578	rVV	3565924	2962452	69.45%	5.396%
33	11.528	1600	1605	1608	rBV	51998	62770	1.47%	0.114%
34	11.634	1619	1623	1628	rVB3	53735	60685	1.42%	0.111%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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	11.710	1631	1636	1641	rVB3	30821	47358	1.11%	0.086%
36	11.804	1648	1652	1654	rBV	207038	190547	4.47%	0.347%
37	11.834	1654	1657	1661	rVV2	299828	369726	8.67%	0.673%
38	11.875	1661	1664	1667	rVV2	84386	106576	2.50%	0.194%
39	11.916	1667	1671	1673	rVV	310994	339303	7.95%	0.618%
40	11.940	1673	1675	1680	rVB	182881	163266	3.83%	0.297%
41	12.010	1685	1687	1690	rBV4	39590	42796	1.00%	0.078%
42	12.040	1690	1692	1695	rVV2	40404	36194	0.85%	0.066%
43	12.098	1698	1702	1705	rVV	121856	147775	3.46%	0.269%
44	12.128	1705	1707	1712	rVB2	116194	105807	2.48%	0.193%
45	12.251	1723	1728	1731	rBV2	101132	123639	2.90%	0.225%
46	12.287	1731	1734	1736	rVV	77631	70307	1.65%	0.128%
47	12.310	1736	1738	1740	rVB	54683	42777	1.00%	0.078%
48	12.357	1743	1746	1749	rVV	197394	203772	4.78%	0.371%
49	12.398	1749	1753	1755	rVV3	127796	172687	4.05%	0.315%
50	12.446	1758	1761	1766	rVB2	154373	171003	4.01%	0.311%
51	12.522	1768	1774	1777	rVB	1288043	1072489	25.14%	1.953%
52	12.569	1779	1782	1784	rBV	71641	68364	1.60%	0.125%
53	12.622	1788	1791	1793	rBV2	55828	57090	1.34%	0.104%
54	12.657	1794	1797	1804	rVB5	86303	120088	2.82%	0.219%
55	12.740	1807	1811	1813	rVV	3851886	4265891	100.00%	7.770%
56	12.781	1816	1818	1820	rVB2	52193	42687	1.00%	0.078%
57	12.816	1820	1824	1827	rVB2	71580	106651	2.50%	0.194%
58	12.875	1831	1834	1836	rBV	73808	60630	1.42%	0.110%
59	12.916	1838	1841	1845	rVB3	93954	103043	2.42%	0.188%
60	12.975	1847	1851	1855	rBV2	162730	236496	5.54%	0.431%
61	13.034	1859	1861	1863	rBV3	52450	51313	1.20%	0.093%
62	13.063	1863	1866	1868	rBV3	118463	147500	3.46%	0.269%
63	13.087	1868	1870	1873	rVB	286413	241901	5.67%	0.441%
64	13.128	1873	1877	1878	rBV2	65839	74251	1.74%	0.135%
65	13.151	1878	1881	1884	rVB2	169161	168750	3.96%	0.307%
66	13.193	1884	1888	1891	rBV2	308885	294966	6.91%	0.537%
67	13.287	1901	1904	1907	rBV	213998	171723	4.03%	0.313%
68	13.316	1907	1909	1913	rBV	214096	176315	4.13%	0.321%
69	13.493	1937	1939	1942	rBV2	66817	66681	1.56%	0.121%
70	13.604	1956	1958	1963	rVB	147270	147635	3.46%	0.269%
71	13.669	1966	1969	1972	rVB	53717	46660	1.09%	0.085%

LSC Area Percent Report

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Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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

72	13.716	1972	1977	1980	rBV3	200182	302679	7.10%	0.551%
73	13.740	1980	1981	1984	rVB	126951	91052	2.13%	0.166%
74	13.769	1984	1986	1987	rBV	76595	58275	1.37%	0.106%
75	13.816	1991	1994	2004	rVV	713151	859845	20.16%	1.566%
76	13.969	2015	2020	2023	rBV2	2771624	3591015	84.18%	6.541%
77	13.992	2023	2024	2033	rVB	812100	711356	16.68%	1.296%
78	14.057	2033	2035	2037	rBV	74424	71913	1.69%	0.131%
79	14.116	2043	2045	2047	rBV	62328	61790	1.45%	0.113%
80	14.145	2048	2050	2055	rVB3	121391	147152	3.45%	0.268%
81	14.328	2078	2081	2083	rBV	84796	82869	1.94%	0.151%
82	14.363	2083	2087	2090	rVV	359004	388178	9.10%	0.707%
83	14.398	2090	2093	2096	rVV	201226	189169	4.43%	0.345%
84	14.434	2097	2099	2100	rVV2	82937	72158	1.69%	0.131%
85	14.457	2100	2103	2106	rVV2	316435	351283	8.23%	0.640%
86	14.487	2106	2108	2110	rVV	166026	175279	4.11%	0.319%
87	14.510	2110	2112	2115	rVB2	131377	116444	2.73%	0.212%
88	14.763	2152	2155	2158	rBV2	169001	212527	4.98%	0.387%
89	15.022	2194	2199	2202	rBV	563694	877758	20.58%	1.599%
90	15.104	2210	2213	2216	rBV2	233982	289045	6.78%	0.526%
91	15.322	2246	2250	2252	rBV	344881	421525	9.88%	0.768%
92	15.363	2252	2257	2259	rVV	2551031	3145782	73.74%	5.730%
93	15.387	2259	2261	2266	rVB	593065	592040	13.88%	1.078%
94	15.451	2267	2272	2275	rBV	1802553	2154815	50.51%	3.925%
95	15.487	2275	2278	2287	rVB3	244616	397455	9.32%	0.724%
96	15.804	2330	2332	2339	rVB2	67296	94008	2.20%	0.171%
97	15.928	2349	2353	2358	rBV2	194376	277811	6.51%	0.506%
98	16.439	2436	2440	2451	rVB4	102056	188075	4.41%	0.343%
99	16.916	2516	2521	2530	rVB2	188985	372765	8.74%	0.679%
100	17.357	2591	2596	2608	rVB	123942	273497	6.41%	0.498%

Sum of corrected areas: 54903737

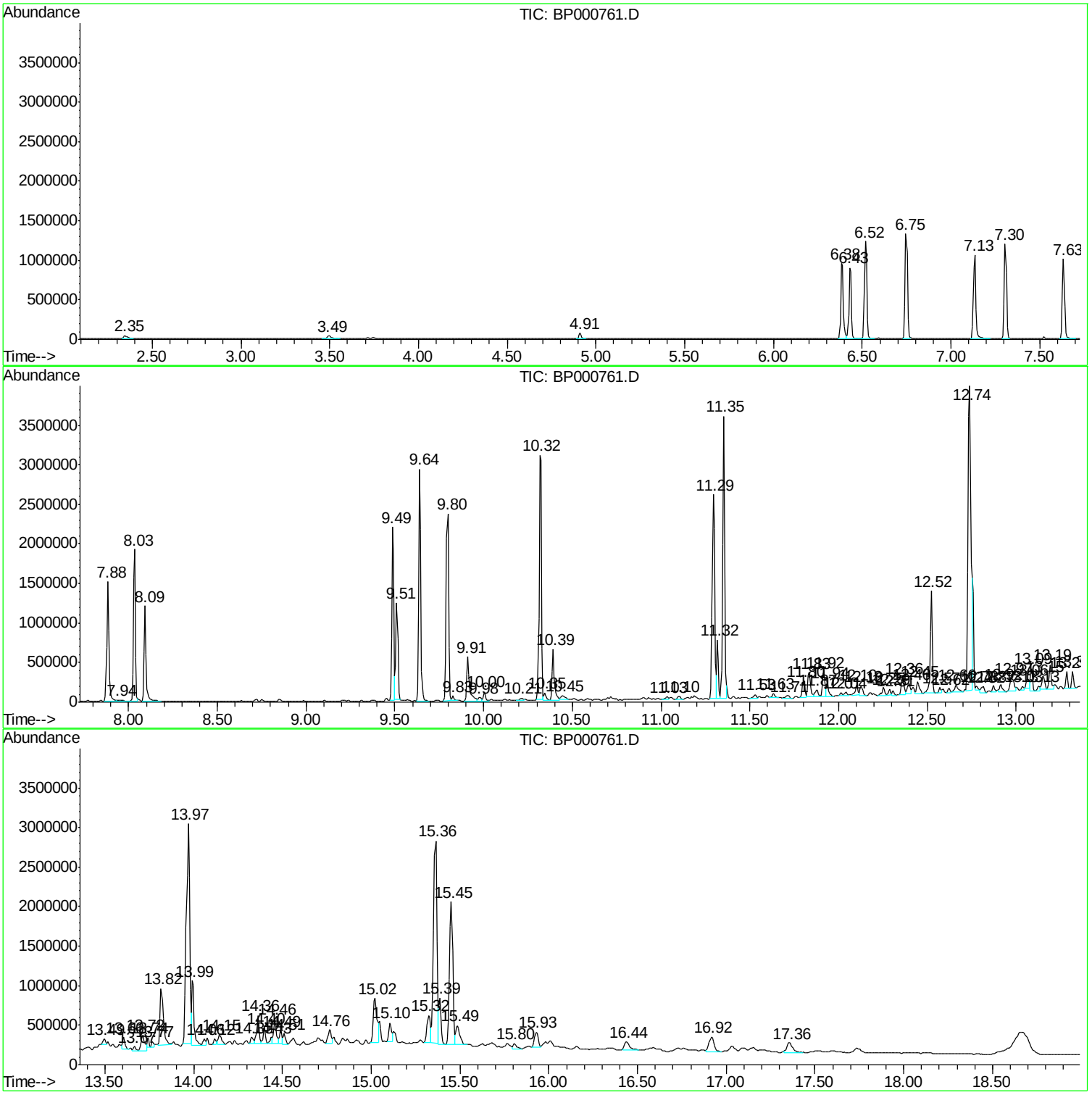
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPF7

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\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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

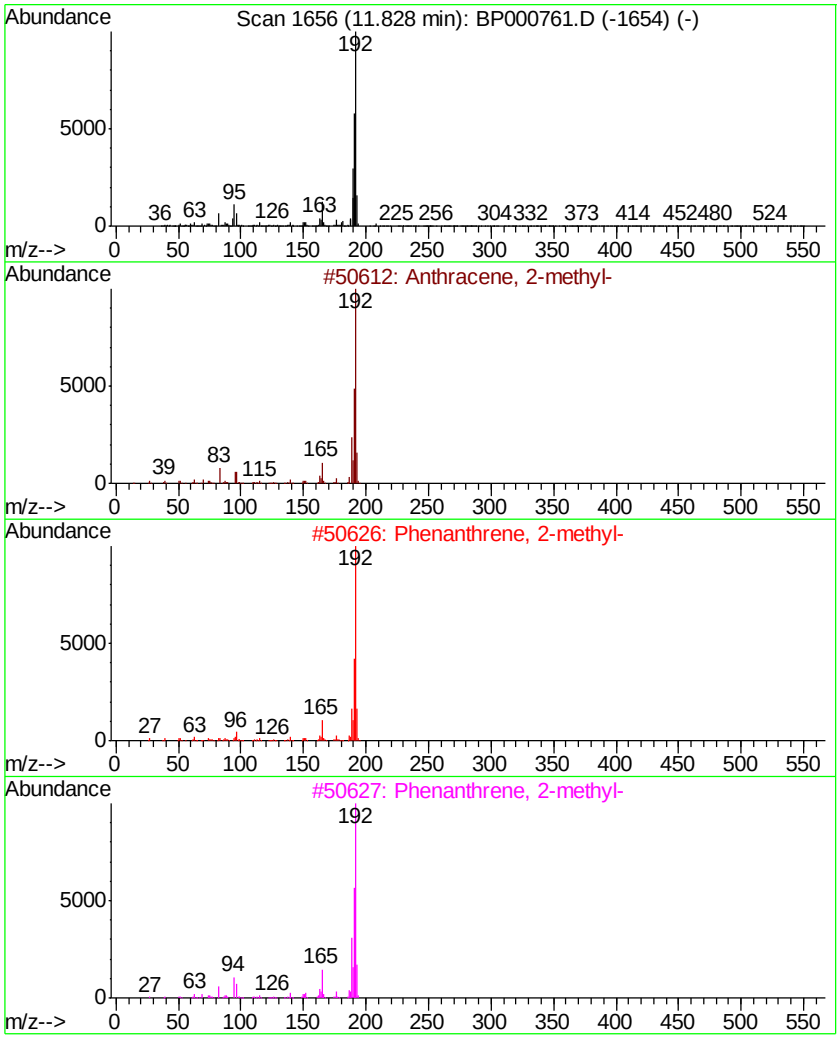
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

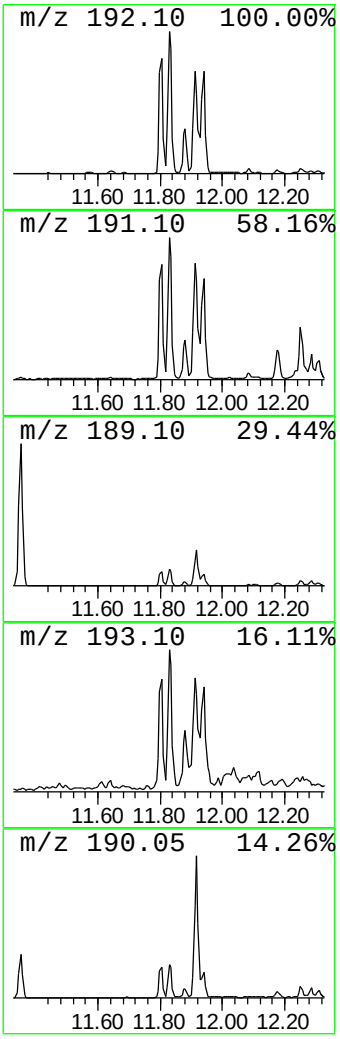
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.16 ng/ul	369726	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	97
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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

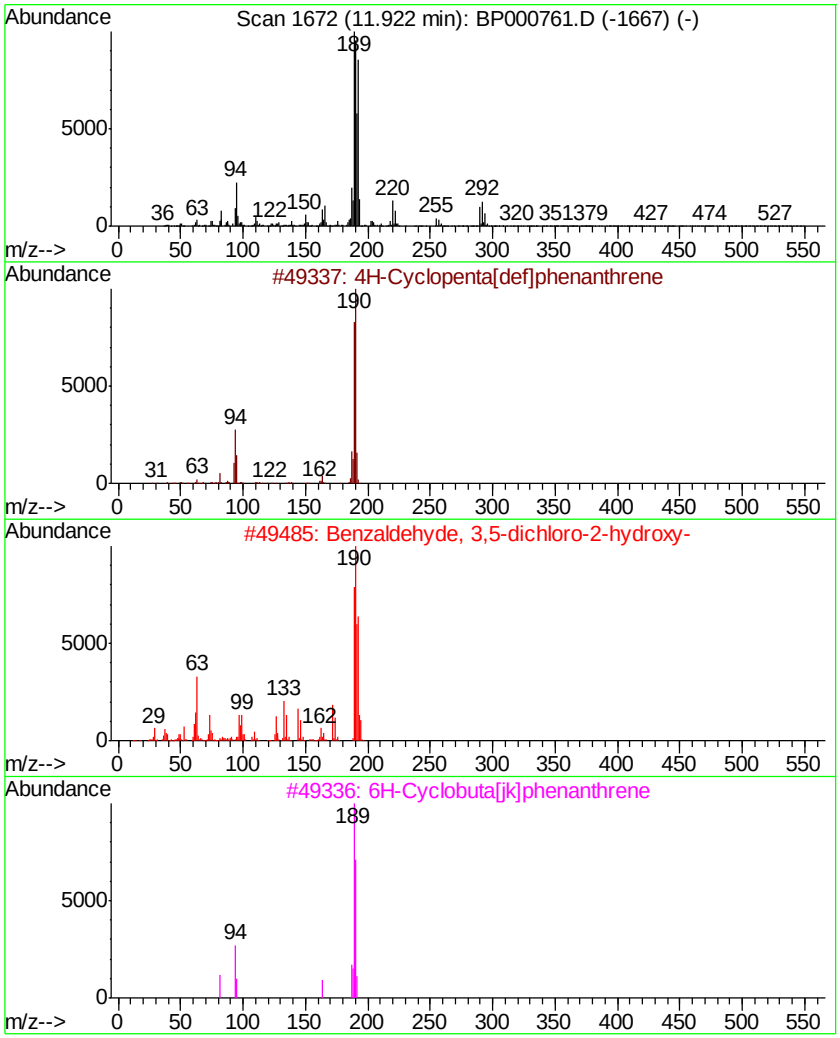
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

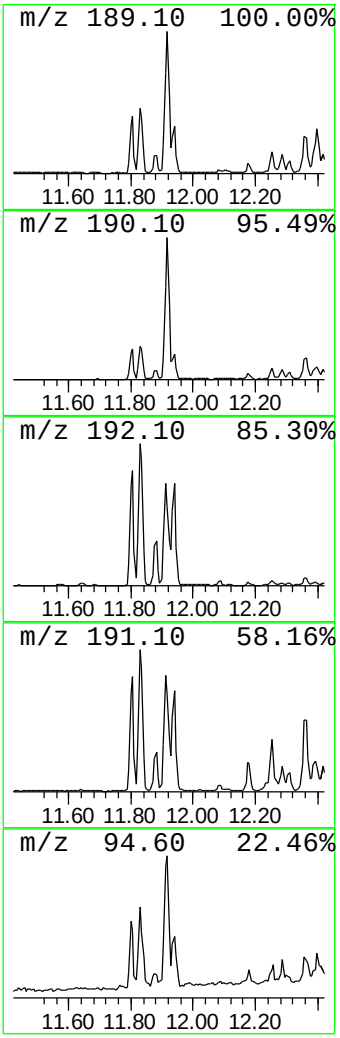
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.90 ng/ul	339303	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

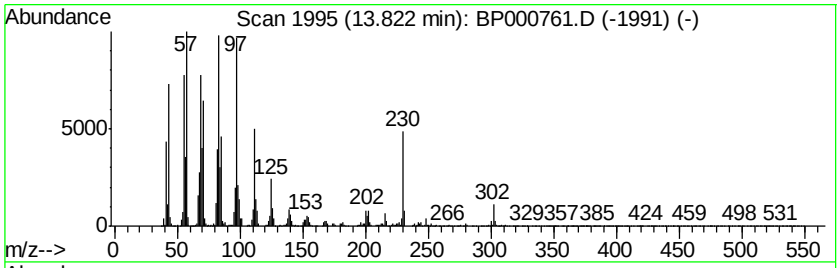
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

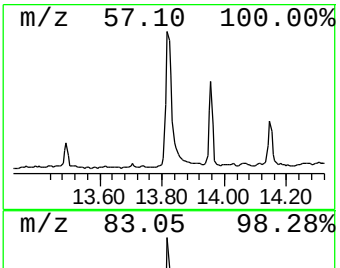
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic13.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.79 ng/ul	859845	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclopentadecane	210	C15H30	000295-48-7	92
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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

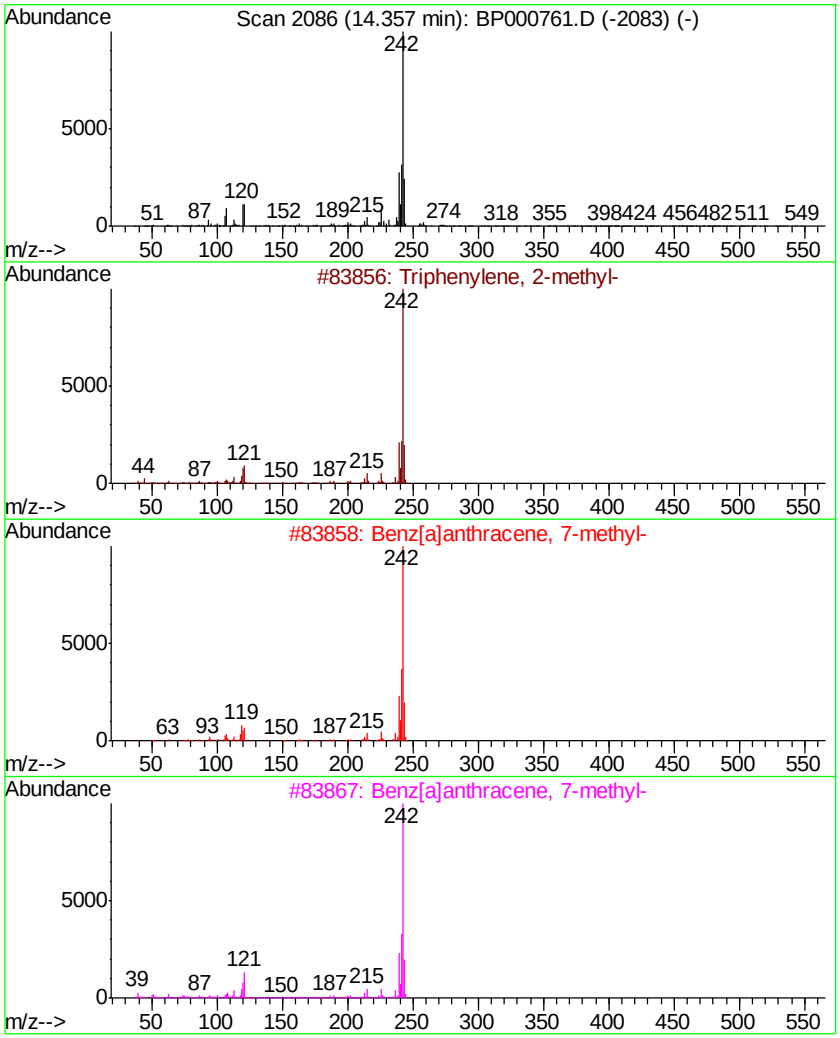
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

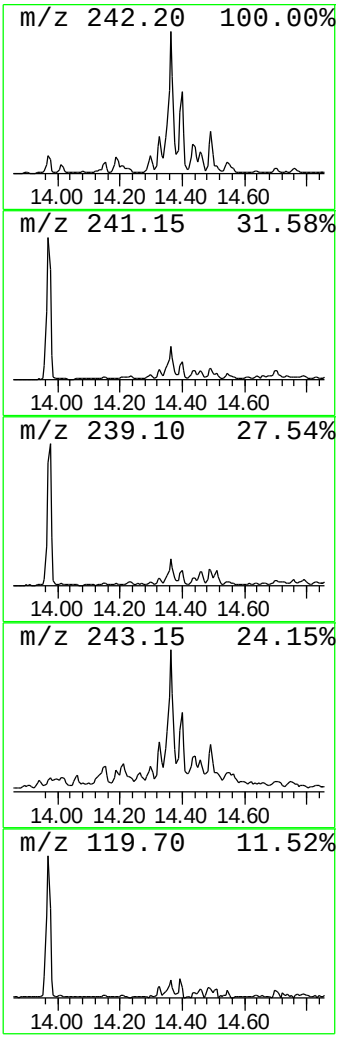
****

Peak Number 4 Triphenylene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.16 ng/ul	388178	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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

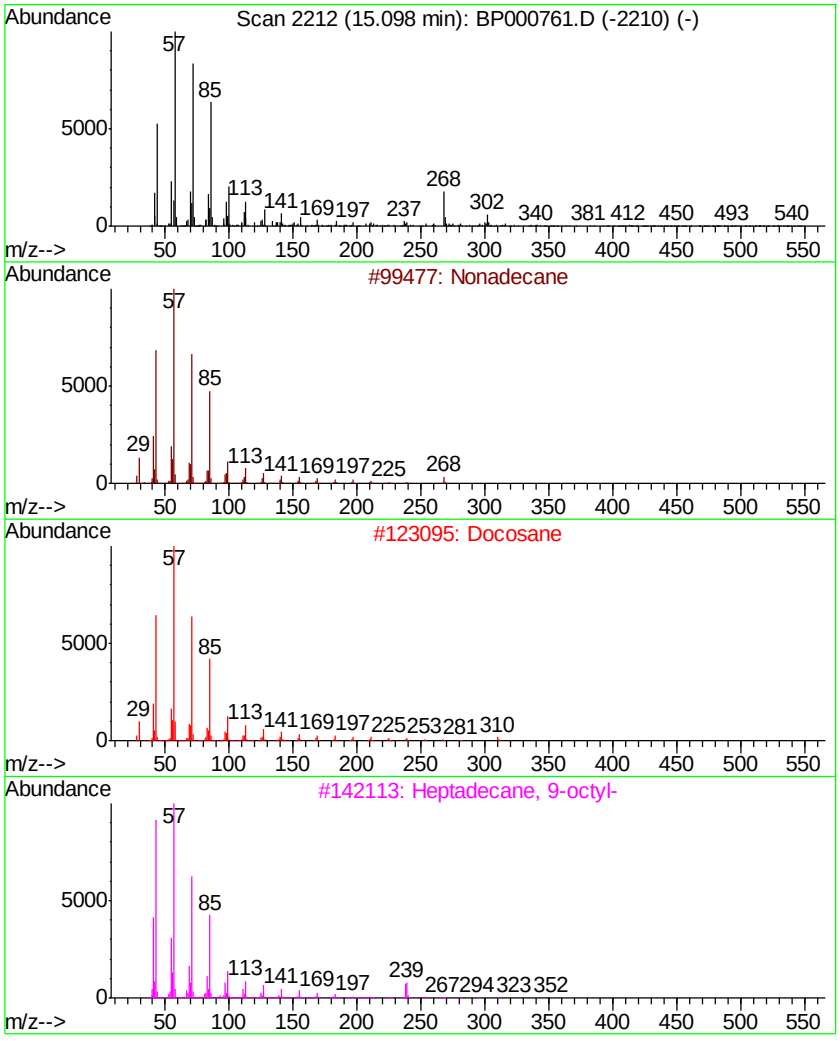
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

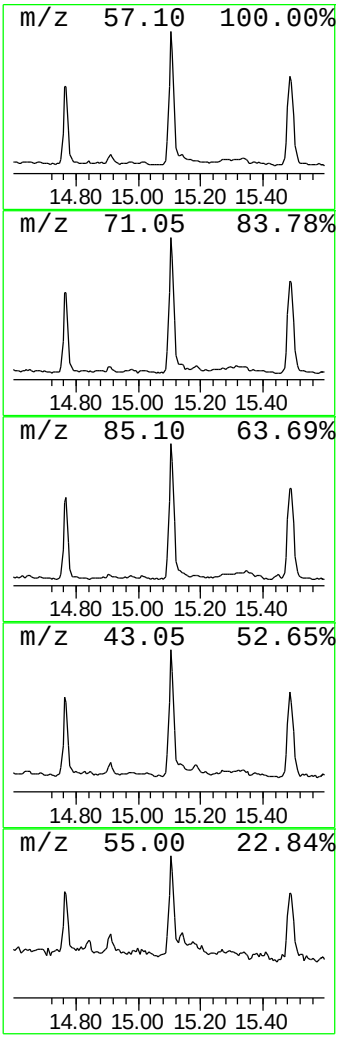
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.68 ng/ul	289045	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Docosane	310	C22H46	000629-97-0	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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

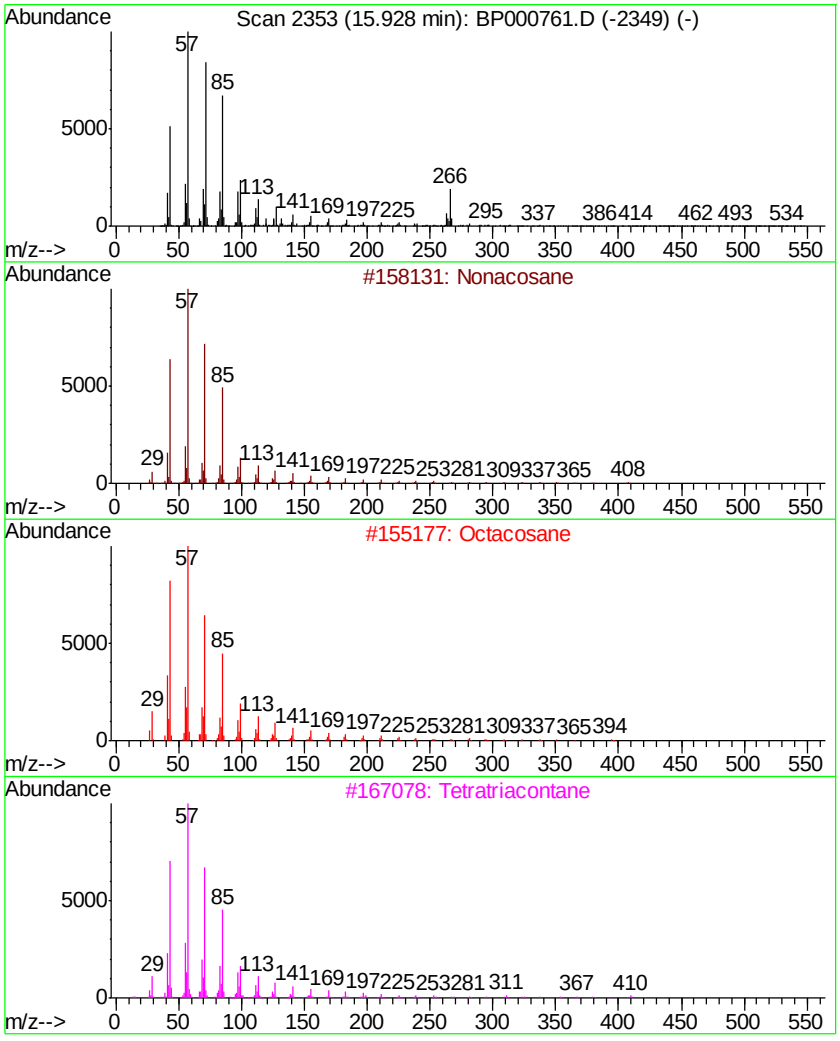
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

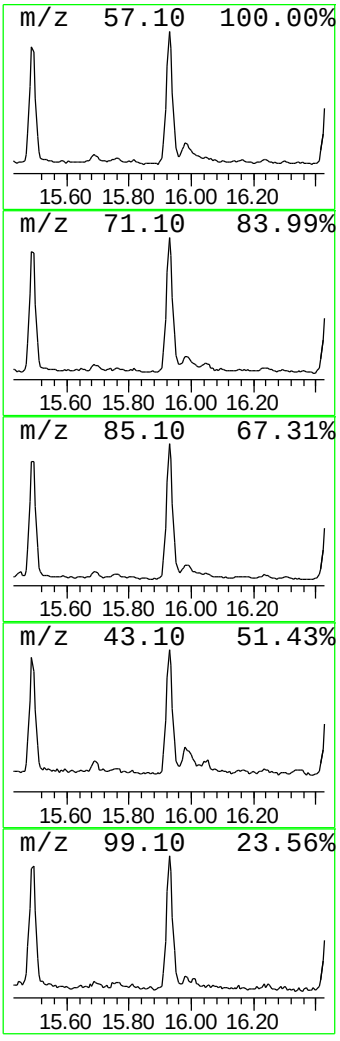
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.58 ng/ul	277811	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	97
2	Octacosane	394	C28H58	000630-02-4	83
3	Tetratriacontane	479	C34H70	014167-59-0	83
4	Heneicosane	296	C21H44	000629-94-7	81
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\
Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF7

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	3.2	ng/ul	369726	4	11.29	2342130	20.0
4H-Cyclopenta[def...	11.92	2.9	ng/ul	339303	4	11.29	2342130	20.0
(DEL) Alkane: Cyc...	13.82	4.8	ng/ul	859845	5	13.97	3591020	20.0
Triphenylene, 2-m...	14.36	2.2	ng/ul	388178	5	13.97	3591020	20.0
(DEL) Alkane: Str...	15.10	2.7	ng/ul	289045	6	15.45	2154820	20.0
(DEL) Alkane: Str...	15.93	2.6	ng/ul	277811	6	15.45	2154820	20.0