LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

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_N\METHODS\SOM-EPA-BN041919MA.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	5.164	365	370	376	rBV2	53528	80511	1.21%	0.143%
2	5.646	447	452	459	rVB	52738	84001	1.26%	0.150%
3	6.781	637	645	650	rVV2	105086	205963	3.09%	0.367%
4	6.828	650	653	659	rVB3	34153	55793	0.84%	0.099%
5	6.940	667	672	679	rVB	90410	136047	2.04%	0.242%
6	7.128	699	704	712	rBV	118877	200198	3.00%	0.357%
7	7.246	718	724	733	rVB2	109060	184146	2.76%	0.328%
8	7.587	775	782	793	rBV	1344586	2202241	33.00%	3.924%
9	7.705	797	802	809	rVB2	36783	61403	0.92%	0.109%
10	7.775	809	814	821	rVB2	23432	38883	0.58%	0.069%
11	7.952	840	844	850	rVB	24413	38446	0.58%	0.069%
12	8.116	863	872	883	rVB	465078	752834	11.28%	1.342%
13	8.299	897	903	912	rBV	107097	206624	3.10%	0.368%
14	8.734	972	977	986	rVV	105430	220607	3.31%	0.393%
15	8.810	986	990	994	rVV2	25928	42817	0.64%	0.076%
16	9.257	1061	1066	1073	rVV3	21671	38117	0.57%	0.068%
17	9.452	1094	1099	1106	rBV	77269	136066	2.04%	0.242%
18	9.787	1146	1156	1162	rBV4	84325	228125	3.42%	0.407%
19	9.857	1162	1168	1172	rBV2	67291	130171	1.95%	0.232%
20	9.999	1186	1192	1199	rBV	104652	213937	3.21%	0.381%
21	10.057	1199	1202	1211	rVB7	26022	49449	0.74%	0.088%
22	10.352	1243	1252	1256	rBV	1924709	3320423	49.75%	5.917%
23	10.404	1256	1261	1270	rVV	4032379	6674445	100.00%	11.894%
24	10.510	1272	1279	1289	rVB3	121664	314958	4.72%	0.561%
25	11.275	1403	1409	1416	rBV10	11881	30490	0.46%	0.054%
26	11.393	1416	1429	1433	rBV7	29853	71651	1.07%	0.128%
27	11.793	1492	1497	1503	rVV4	15914	31490	0.47%	0.056%
28	11.910	1514	1517	1527	rVB6	20128	41270	0.62%	0.074%
29	12.022	1527	1536	1552	rBV	1463619	2445862	36.65%	4.358%
30	12.240	1564	1573	1586	rVB	841688	1441666	21.60%	2.569%
31	13.051	1704	1711	1718	rBV	252582	404603	6.06%	0.721%
32	13.251	1736	1745	1754	rVB	126127	249100	3.73%	0.444%
33	13.545	1784	1795	1800	rBV	339097	615465	9.22%	1.097%
34	13.598	1800	1804	1807	rVV	189469	275481	4.13%	0.491%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

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_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

35	13.640	1807	1811	1815	rVV	280188	398083	5.96%	0.709%
36	13.687	1815	1819	1823	rVB2	56276	80469	1.21%	0.143%
37	13.781	1829	1835	1839	rBV	156238	245735	3.68%	0.438%
38	13.810	1839	1840	1845	rVV	44918	45866	0.69%	0.082%
39	13.916	1851	1858	1859	rBV	340170	466039	6.98%	0.830%
40	13.945	1859	1863	1876	rVB	860140	1346060	20.17%	2.399%
41	14.228	1902	1911	1918	rBV2	2762737	4319516	64.72%	7.697%
42	14.287	1918	1921	1925	rBV	109745	137081	2.05%	0.244%
43	14.445	1942	1948	1952	rBV3	27123	62988	0.94%	0.112%
44	14.481	1952	1954	1958	rVV4	19170	32802	0.49%	0.058%
45	14.522	1958	1961	1969	rVB8	20098	45369	0.68%	0.081%
46	14.634	1969	1980	1986	rBV	139906	273846	4.10%	0.488%
47	14.710	1987	1993	1999	rVB	75386	113412	1.70%	0.202%
48	14.769	1999	2003	2007	rVB5	21148	30330	0.45%	0.054%
49	14.851	2010	2017	2022	rBV4	66011	152254	2.28%	0.271%
50	14.904	2022	2026	2030	rVB2	52928	68844	1.03%	0.123%
51	15.004	2038	2043	2044	rBV3	35366	42257	0.63%	0.075%
52	15.022	2044	2046	2050	rVV3	24388	31982	0.48%	0.057%
53	15.104	2056	2060	2067	rVB	116674	165360	2.48%	0.295%
54	15.175	2067	2072	2073	rBV3	24273	30549	0.46%	0.054%
55	15.228	2075	2081	2085	rVV	474164	710686	10.65%	1.266%
56	15.281	2085	2090	2103	rVB	641731	1049172	15.72%	1.870%
57	15.404	2109	2111	2115	rVV3	30680	35412	0.53%	0.063%
58	15.492	2121	2126	2131	rBV6	40173	81486	1.22%	0.145%
59	15.581	2136	2141	2145	rBV	53233	90885	1.36%	0.162%
60	15.698	2156	2161	2165	rBV	138999	227274	3.41%	0.405%
61	15.957	2199	2205	2209	rBV4	40326	104548	1.57%	0.186%
62	16.292	2254	2262	2266	rVV	113420	269033	4.03%	0.479%
63	16.339	2266	2270	2275	rVV	85163	130858	1.96%	0.233%
64	16.439	2282	2287	2291	rVB	69229	103489	1.55%	0.184%
65	16.563	2305	2308	2311	rVV5	33477	47364	0.71%	0.084%
66	16.645	2318	2322	2329	rVV3	54476	90143	1.35%	0.161%
67	16.722	2329	2335	2339	rVV5	20656	37879	0.57%	0.067%
68	16.798	2339	2348	2356	rVV	178955	313498	4.70%	0.559%
69	16.863	2356	2359	2363	rVB	24020	32351	0.48%	0.058%
70	16.981	2373	2379	2383	rBV2	2996600	4545016	68.10%	8.099%
71	17.028	2383	2387	2392	rVV	2150163	3102078	46.48%	5.528%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

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_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

72	17.081	2392	2396	2399	rVV	416843	638872	9.57%	1.138%
73	17.116	2399	2402	2408	rVV	463782	673582	10.09%	1.200%
74	17.186	2410	2414	2419	rVB4	40073	95444	1.43%	0.170%
75	17.392	2446	2449	2455	rVB4	39588	67863	1.02%	0.121%
76	17.504	2465	2468	2473	rVB	69623	84715	1.27%	0.151%
77	17.569	2474	2479	2489	rVB3	91584	167116	2.50%	0.298%
78	17.704	2498	2502	2511	rVB3	62613	121797	1.82%	0.217%
79	17.863	2523	2529	2533	rVV	325300	499080	7.48%	0.889%
80	17.910	2533	2537	2543	rVV	358216	530439	7.95%	0.945%
81	17.992	2547	2551	2556	rVV	124486	182792	2.74%	0.326%
82	18.057	2556	2562	2566	rVV3	426963	782643	11.73%	1.395%
83	18.092	2566	2568	2576	rVB	209633	276501	4.14%	0.493%
84	18.322	2601	2607	2609	rBV7	24609	41496	0.62%	0.074%
85	18.369	2611	2615	2622	rVV	153275	226861	3.40%	0.404%
86	18.616	2654	2657	2662	rVV5	45682	74037	1.11%	0.132%
87	18.669	2664	2666	2670	rVB	37161	45451	0.68%	0.081%
88	18.792	2683	2687	2691	rBV	125956	194546	2.91%	0.347%
89	18.857	2691	2698	2701	rBV6	90447	201427	3.02%	0.359%
90	18.928	2708	2710	2712	rBV3	33287	37379	0.56%	0.067%
91	19.057	2727	2732	2740	rVB	801325	1089023	16.32%	1.941%
92	19.210	2754	2758	2763	rBV	225711	308539	4.62%	0.550%
93	19.398	2785	2790	2791	rBV2	416373	563329	8.44%	1.004%
94	19.422	2791	2794	2803	rVB	910080	1333005	19.97%	2.375%
95	19.904	2872	2876	2877	rBV4	59412	79952	1.20%	0.142%
96	19.933	2878	2881	2885	rVB	169100	213740	3.20%	0.381%
97	20.033	2895	2898	2903	rBV2	167538	208424	3.12%	0.371%
98	20.092	2905	2908	2912	rVV	93383	115921	1.74%	0.207%
99	21.216	3093	3099	3103	rBV	2536583	3678223	55.11%	6.554%
100	23.421	3468	3474	3488	rVB	1679695	3302782	49.48%	5.885%

Sum of corrected areas: 56118276

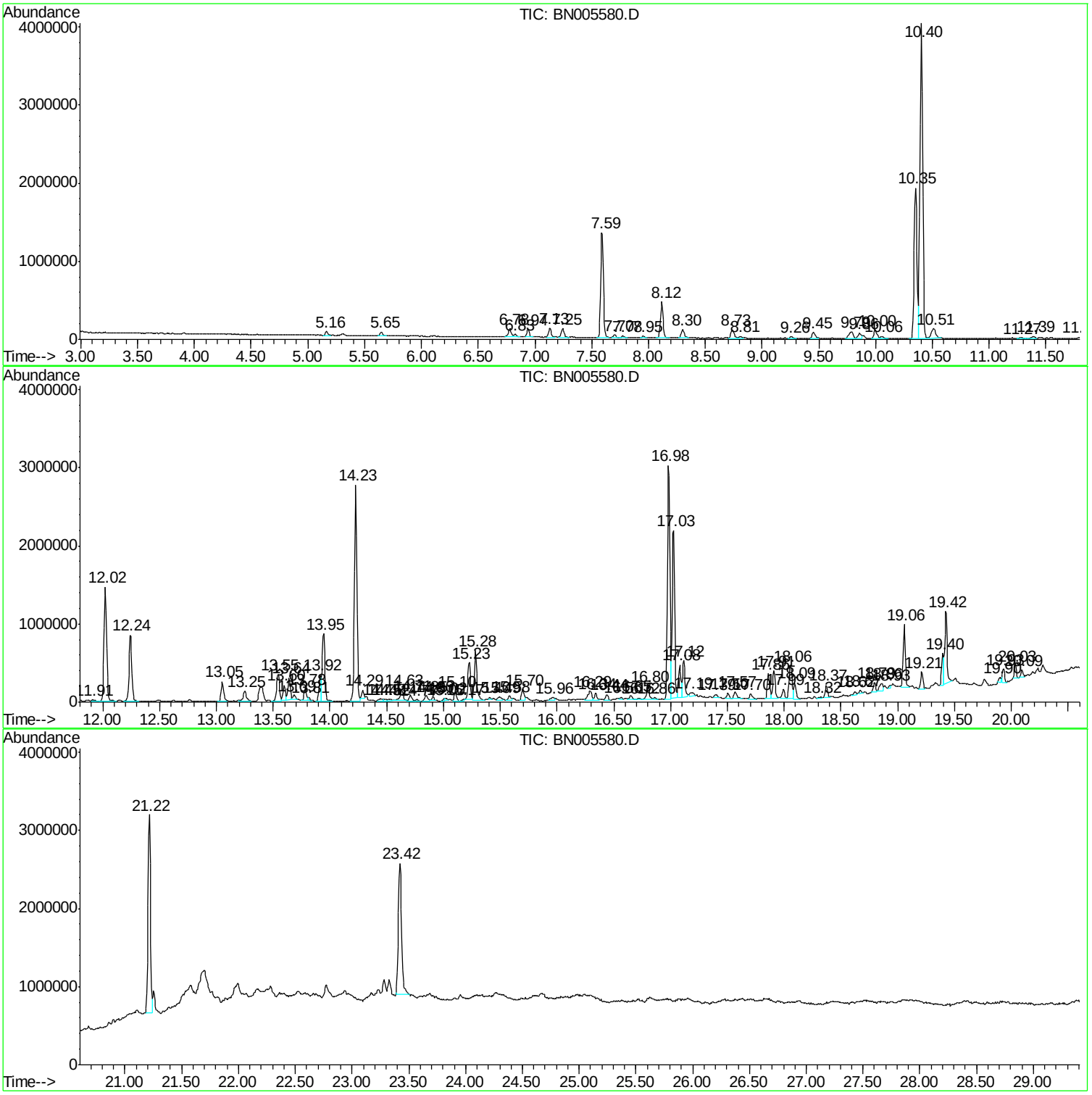
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

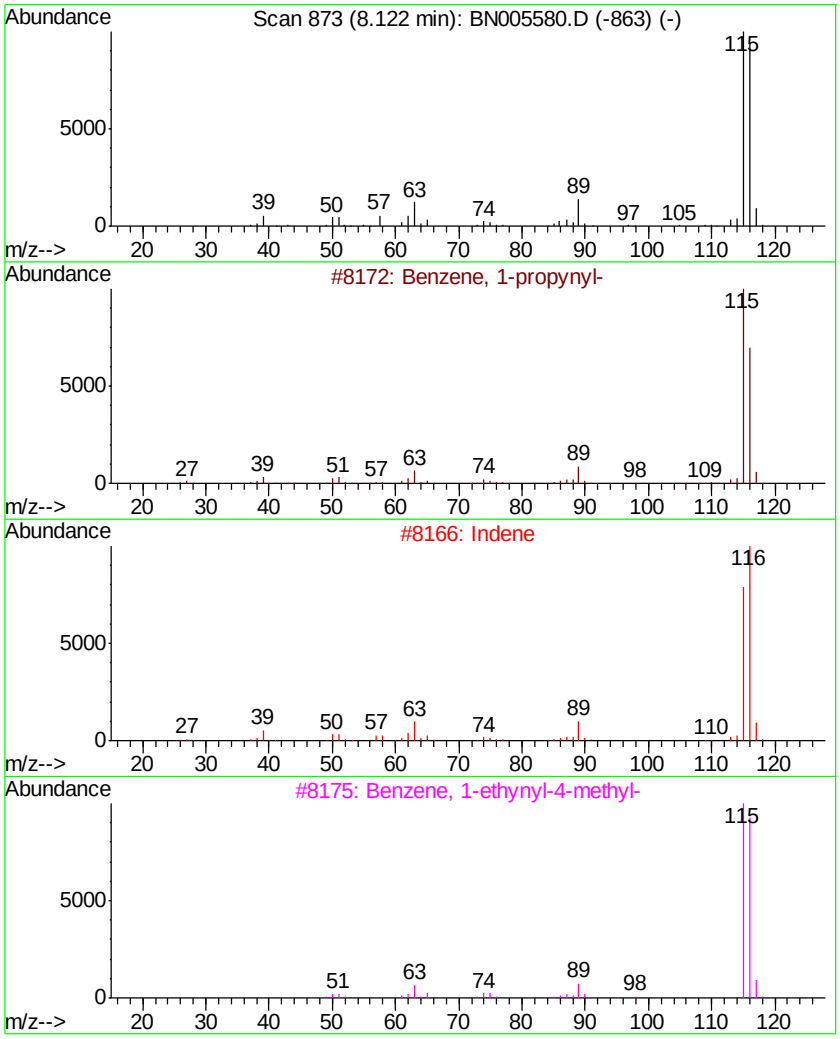
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

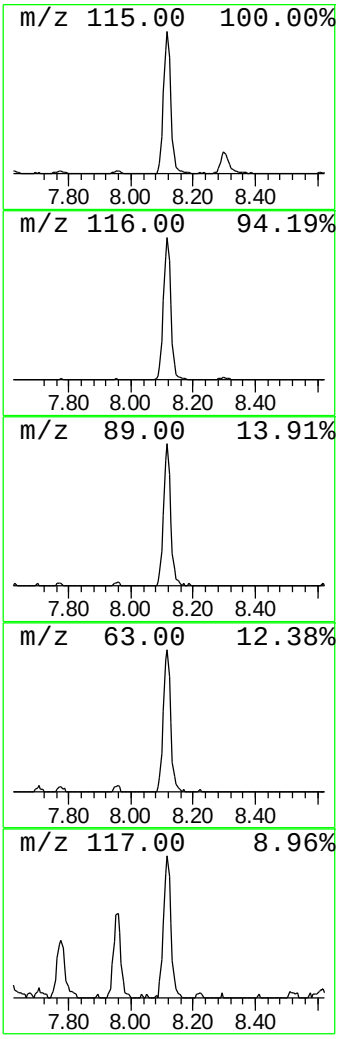
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	6.84 ng/ul	752834	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	91
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Indene	116	C9H8	000095-13-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

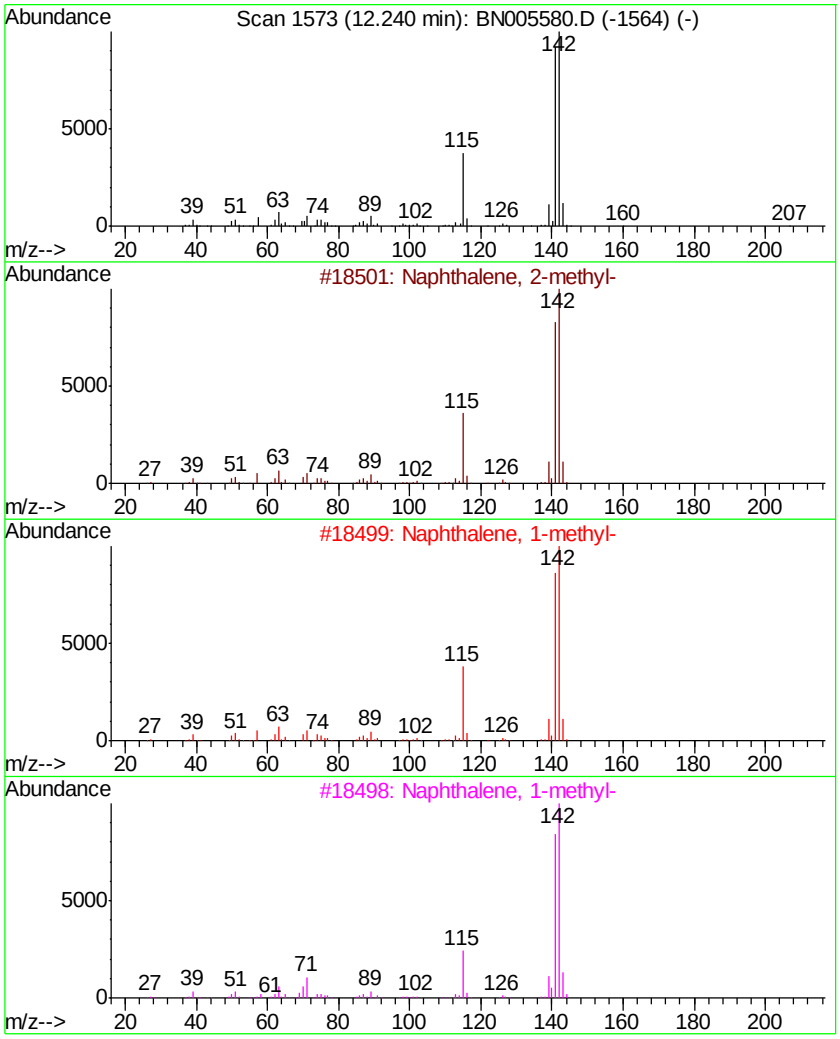
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

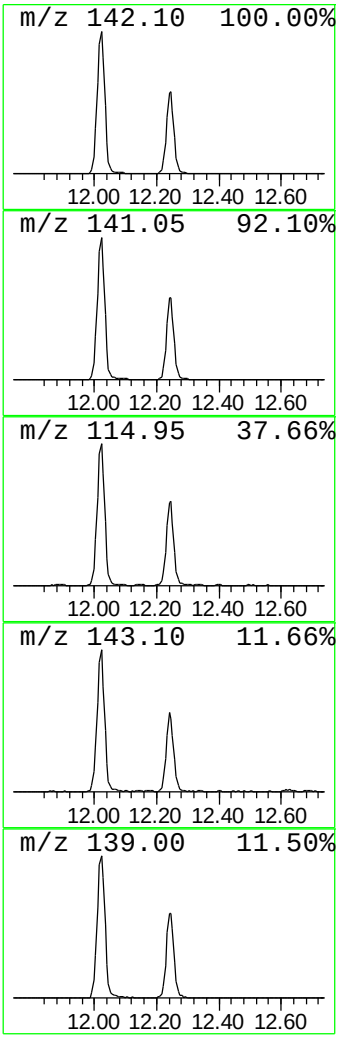
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	8.68 ng/ul	1441670	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

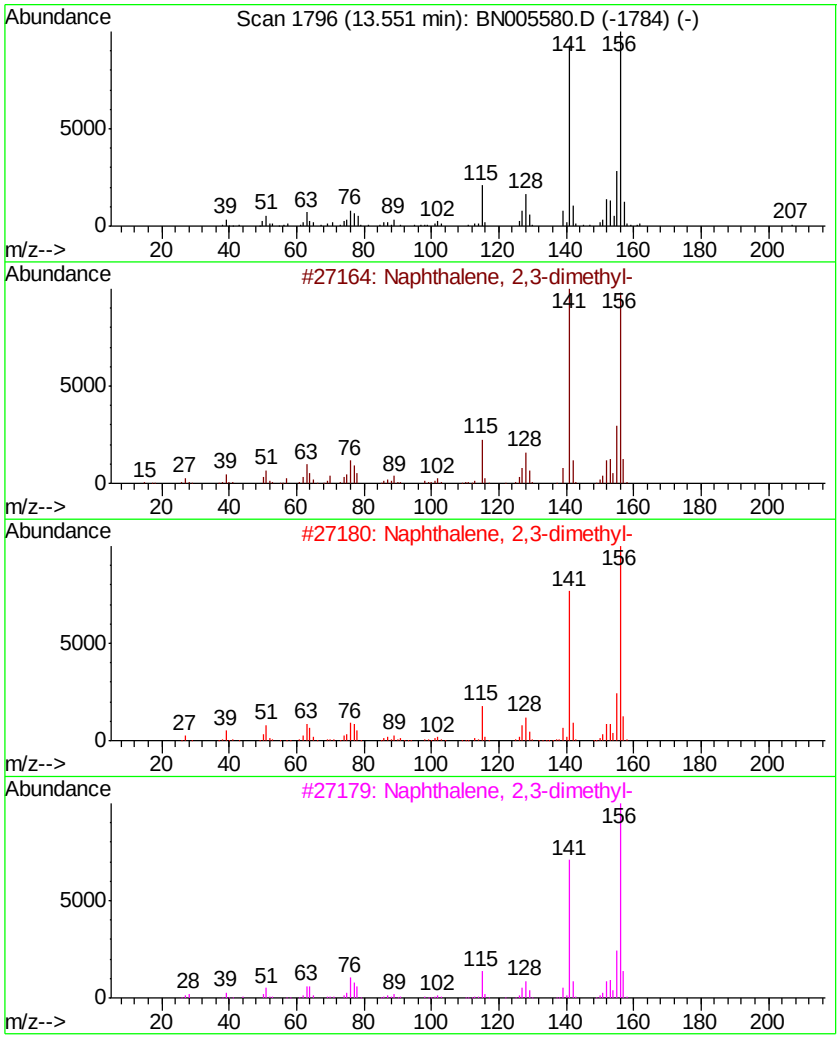
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

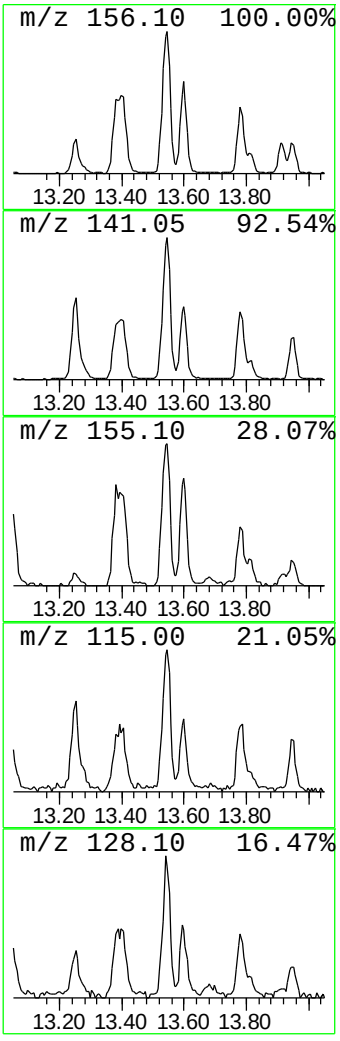
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.85 ng/ul	615465	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

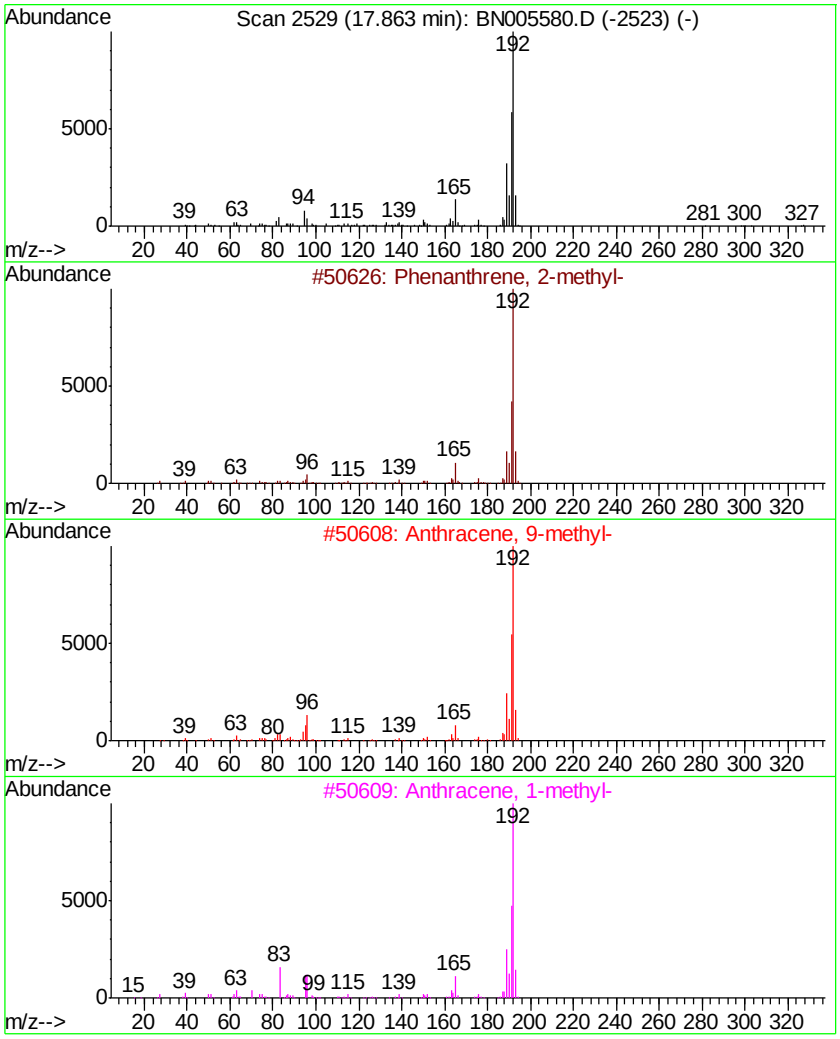
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

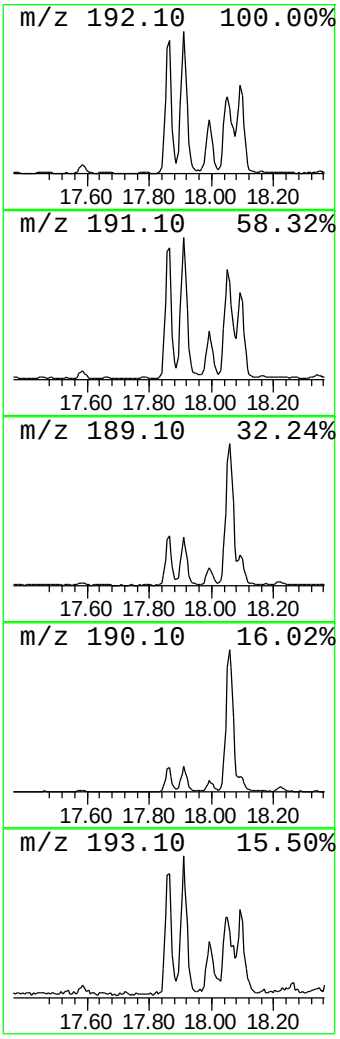
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.20 ng/ul	499080	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

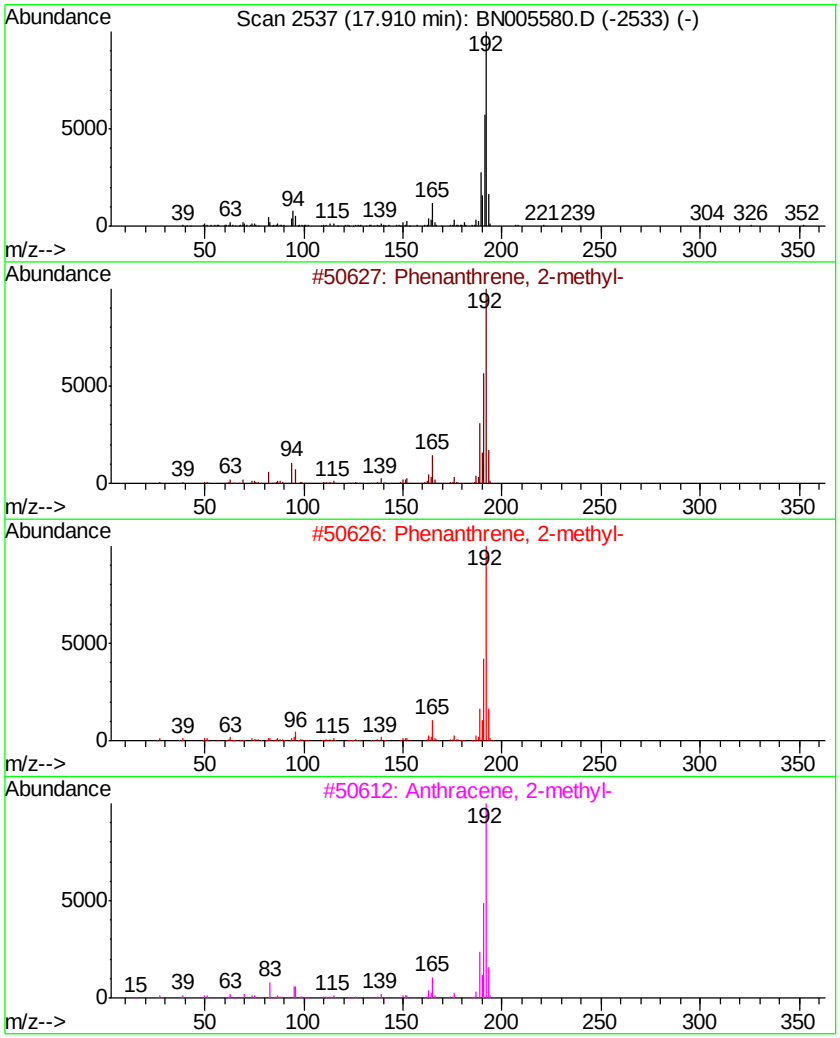
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

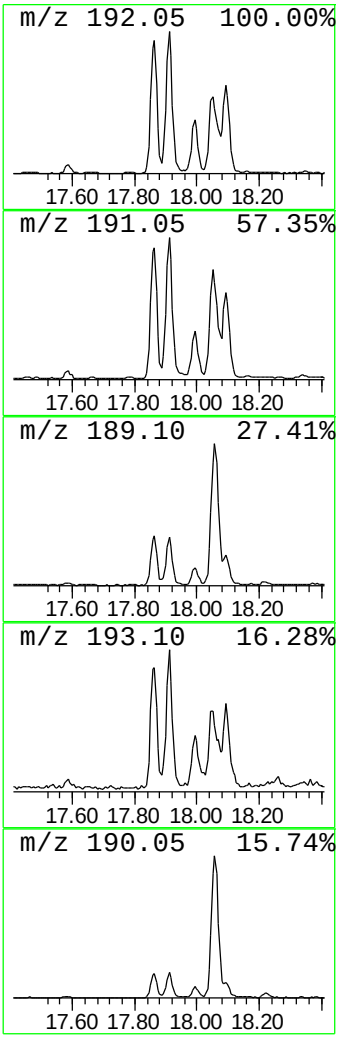
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	2.33 ng/ul	530439	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

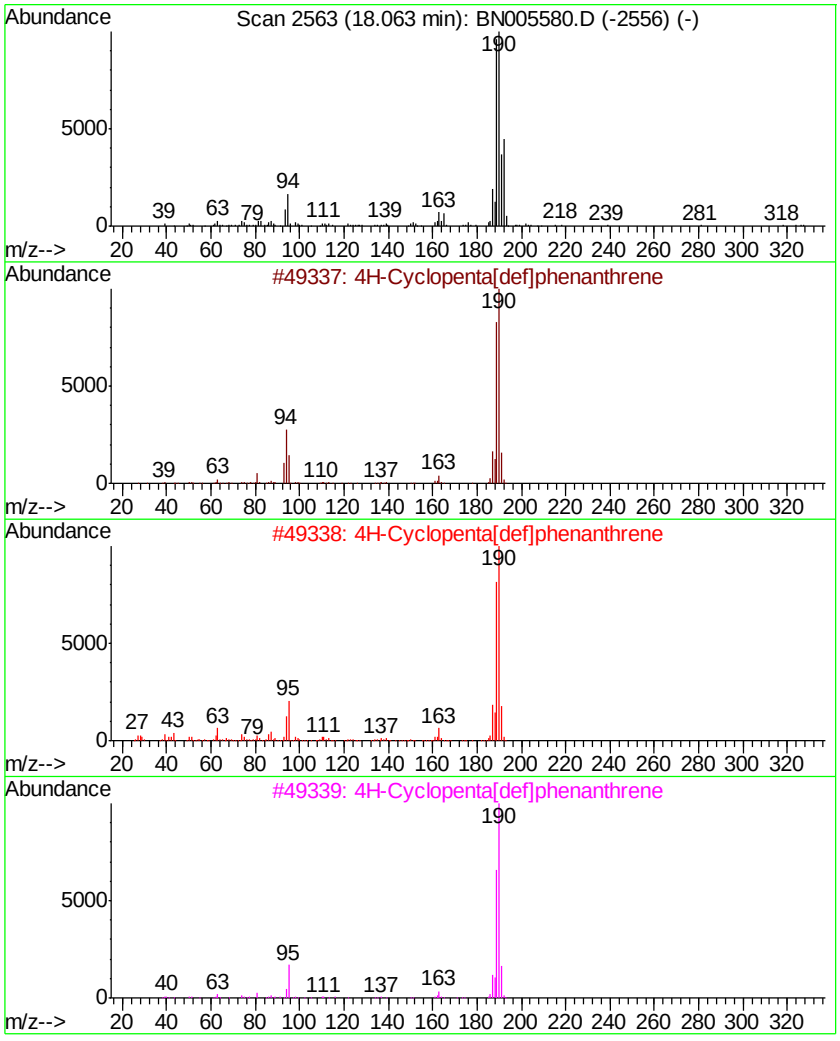
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

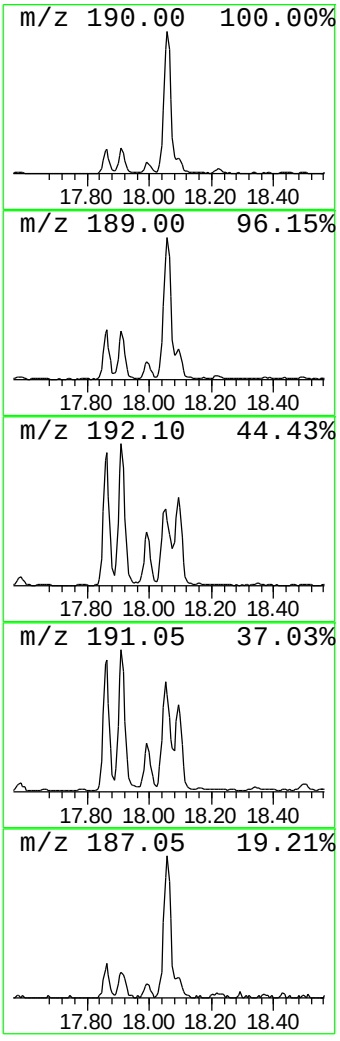
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.44 ng/ul	782643	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
Benzene, 1-propynyl-	8.12	6.8	ng/ul	752834	1	7.59	2202240	20.0
Naphthalene, 1-me...	12.24	8.7	ng/ul	1441670	2	10.35	3320420	20.0
Naphthalene, 2,3-...	13.55	2.9	ng/ul	615465	3	14.23	4319520	20.0
Phenanthrene, 2-m...	17.86	2.2	ng/ul	499080	4	16.98	4545020	20.0
Anthracene, 2-met...	17.91	2.3	ng/ul	530439	4	16.98	4545020	20.0
4H-Cyclopenta[def...	18.06	3.4	ng/ul	782643	4	16.98	4545020	20.0