LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010064.D
Acq On : 03 Mar 2020 16:28
Operator : CG/JU
Sample : L1507-17MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD15MEDL

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-BN021220MA.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	4.170	199	201	204	rBV3	1838	1769	0.20%	0.023%
2	4.346	229	231	234	rVB2	2408	1732	0.20%	0.022%
3	4.758	300	301	305	rVB3	1577	1818	0.21%	0.023%
4	4.799	305	308	310	rBV2	1252	1830	0.21%	0.024%
5	4.846	313	316	318	rBV3	1143	1465	0.17%	0.019%
6	5.193	372	375	377	rBV2	1541	1896	0.21%	0.024%
7	5.275	385	389	390	rBV3	1805	2304	0.26%	0.030%
8	5.469	420	422	426	rBV	1564	2124	0.24%	0.027%
9	5.540	432	434	437	rVB3	1636	1881	0.21%	0.024%
10	6.616	611	617	619	rBV4	3838	7381	0.83%	0.095%
11	6.746	635	639	644	rBV3	6104	10766	1.21%	0.139%
12	6.928	666	670	675	rBV4	7087	11668	1.32%	0.151%
13	7.016	684	685	691	rVB2	1400	1602	0.18%	0.021%
14	7.369	738	745	761	rBV	183943	318213	35.90%	4.105%
15	7.728	803	806	811	rBV3	4190	5387	0.61%	0.069%
16	7.905	831	836	838	rBV3	4729	7939	0.90%	0.102%
17	8.122	868	873	875	rBV	5543	6378	0.72%	0.082%
18	8.163	878	880	883	rVB2	1332	1717	0.19%	0.022%
19	8.546	940	945	951	rBV4	5907	11481	1.30%	0.148%
20	9.246	1061	1064	1067	rBV3	2999	3482	0.39%	0.045%
21	9.269	1067	1068	1072	rVB2	1778	1787	0.20%	0.023%
22	9.816	1155	1161	1163	rBV3	3856	5528	0.62%	0.071%
23	10.116	1205	1212	1217	rBV	241660	445248	50.23%	5.744%
24	10.163	1217	1220	1234	rVB	72163	128648	14.51%	1.660%
25	10.310	1240	1245	1252	rBV6	5233	10706	1.21%	0.138%
26	11.675	1473	1477	1482	rBV2	1140	2076	0.23%	0.027%
27	11.793	1492	1497	1510	rBV	73574	145750	16.44%	1.880%
28	12.016	1528	1535	1545	rVB	41236	74380	8.39%	0.960%
29	12.663	1643	1645	1648	rBV2	1132	1662	0.19%	0.021%
30	12.846	1670	1676	1682	rBV2	17865	30932	3.49%	0.399%
31	12.922	1685	1689	1692	rBV2	1170	1839	0.21%	0.024%
32	13.040	1703	1709	1717	rVB	8148	11968	1.35%	0.154%
33	13.193	1728	1735	1742	rVB2	7647	19442	2.19%	0.251%
34	13.328	1753	1758	1764	rBV3	12311	21047	2.37%	0.272%

LSC Area Percent Report

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Acq On : 03 Mar 2020 16:28
Operator : CG/JU
Sample : L1507-17MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD15MEDL

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-BN021220MA.M
Title : SVOA CALIBRATION

35	13.387	1764	1768	1773	rVB	8489	9985	1.13%	0.129%
36	13.451	1773	1779	1787	rBV	24501	36029	4.06%	0.465%
37	13.575	1793	1800	1801	rBV3	3099	4254	0.48%	0.055%
38	13.698	1816	1821	1825	rBV	25721	37491	4.23%	0.484%
39	14.004	1865	1873	1880	rBV2	399686	597783	67.44%	7.712%
40	14.075	1880	1885	1892	rVB	201921	291664	32.91%	3.763%
41	14.193	1901	1905	1908	rBV2	3234	3382	0.38%	0.044%
42	14.334	1924	1929	1932	rVB4	4573	6883	0.78%	0.089%
43	14.422	1939	1944	1952	rVV	111201	173154	19.54%	2.234%
44	14.504	1956	1958	1965	rVB4	3041	4174	0.47%	0.054%
45	14.651	1979	1983	1986	rVB3	1999	2979	0.34%	0.038%
46	14.710	1989	1993	1994	rBV4	1911	1943	0.22%	0.025%
47	15.022	2040	2046	2050	rBV	35860	53166	6.00%	0.686%
48	15.075	2050	2055	2063	rVB2	129927	196668	22.19%	2.537%
49	15.175	2069	2072	2074	rBV2	4547	5433	0.61%	0.070%
50	15.198	2074	2076	2080	rVV2	5744	8548	0.96%	0.110%
51	15.240	2080	2083	2089	rVV4	11971	16217	1.83%	0.209%
52	15.287	2089	2091	2093	rVV	2216	2180	0.25%	0.028%
53	15.334	2095	2099	2103	rVV3	5333	8099	0.91%	0.104%
54	15.381	2103	2107	2113	rVB	15148	22657	2.56%	0.292%
55	15.534	2129	2133	2141	rVB2	14897	29373	3.31%	0.379%
56	15.622	2144	2148	2152	rVB3	2567	3642	0.41%	0.047%
57	16.092	2221	2228	2231	rBV4	7430	11663	1.32%	0.150%
58	16.139	2233	2236	2239	rVB2	1766	2155	0.24%	0.028%
59	16.234	2249	2252	2255	rBV3	2414	3750	0.42%	0.048%
60	16.316	2263	2266	2269	rBV4	2630	3097	0.35%	0.040%
61	16.387	2276	2278	2282	rVB	1659	2020	0.23%	0.026%
62	16.463	2287	2291	2293	rBV3	3069	4311	0.49%	0.056%
63	16.516	2297	2300	2304	rBV4	3785	4910	0.55%	0.063%
64	16.586	2308	2312	2318	rVB2	29947	39115	4.41%	0.505%
65	16.769	2337	2343	2346	rBV	485198	679631	76.68%	8.768%
66	16.810	2346	2350	2357	rVV	583804	840460	94.82%	10.843%
67	16.875	2357	2361	2363	rVV	41608	58016	6.55%	0.748%
68	16.910	2363	2367	2375	rVB2	48466	83407	9.41%	1.076%
69	17.192	2410	2415	2423	rBV4	14863	25552	2.88%	0.330%
70	17.298	2430	2433	2436	rBV	4535	6090	0.69%	0.079%
71	17.498	2464	2467	2468	rBV2	2044	1932	0.22%	0.025%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD15MEDL

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-BN021220MA.M
Title : SVOA CALIBRATION

72	17.651	2488	2493	2497	rBV	19618	25863	2.92%	0.334%
73	17.704	2497	2502	2509	rVB2	27525	39774	4.49%	0.513%
74	17.786	2513	2516	2521	rVB3	5891	8625	0.97%	0.111%
75	17.839	2521	2525	2530	rBV	60034	85886	9.69%	1.108%
76	17.886	2530	2533	2539	rVB2	8817	12319	1.39%	0.159%
77	18.022	2553	2556	2557	rBV2	1541	2039	0.23%	0.026%
78	18.051	2559	2561	2563	rBV2	1956	1497	0.17%	0.019%
79	18.163	2576	2580	2589	rVB2	17480	22843	2.58%	0.295%
80	18.410	2621	2622	2627	rVB2	2818	2386	0.27%	0.031%
81	18.457	2628	2630	2635	rVB5	2640	3873	0.44%	0.050%
82	18.510	2635	2639	2642	rBV2	2167	3273	0.37%	0.042%
83	18.645	2660	2662	2665	rVB3	2794	2411	0.27%	0.031%
84	18.675	2665	2667	2670	rBV	1889	1776	0.20%	0.023%
85	18.722	2673	2675	2677	rBV	2152	1788	0.20%	0.023%
86	18.845	2690	2696	2704	rBV	415218	578953	65.32%	7.469%
87	18.928	2708	2710	2712	rVV3	2450	1825	0.21%	0.024%
88	18.986	2718	2720	2723	rBV3	2100	2226	0.25%	0.029%
89	19.086	2734	2737	2742	rVB2	7359	9628	1.09%	0.124%
90	19.210	2748	2758	2763	rBV2	288433	540866	61.02%	6.978%
91	19.292	2770	2772	2777	rVB3	7306	10608	1.20%	0.137%
92	19.404	2788	2791	2798	rBV	10913	15156	1.71%	0.196%
93	19.539	2811	2814	2815	rBV2	5611	5217	0.59%	0.067%
94	19.722	2842	2845	2849	rVB2	26974	33559	3.79%	0.433%
95	19.828	2859	2863	2868	rBV	25002	34068	3.84%	0.440%
96	19.880	2869	2872	2875	rBV4	9436	12335	1.39%	0.159%
97	20.022	2894	2896	2898	rBV3	8102	6592	0.74%	0.085%
98	20.792	3024	3027	3035	rVB	48849	66021	7.45%	0.852%
99	20.992	3055	3061	3066	rBV	597137	886359	100.00%	11.435%
100	23.086	3412	3417	3428	rVB	400110	747954	84.38%	9.649%

Sum of corrected areas: 7751379

LSC Report - Integrated Chromatogram

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Data File : BN010064.D
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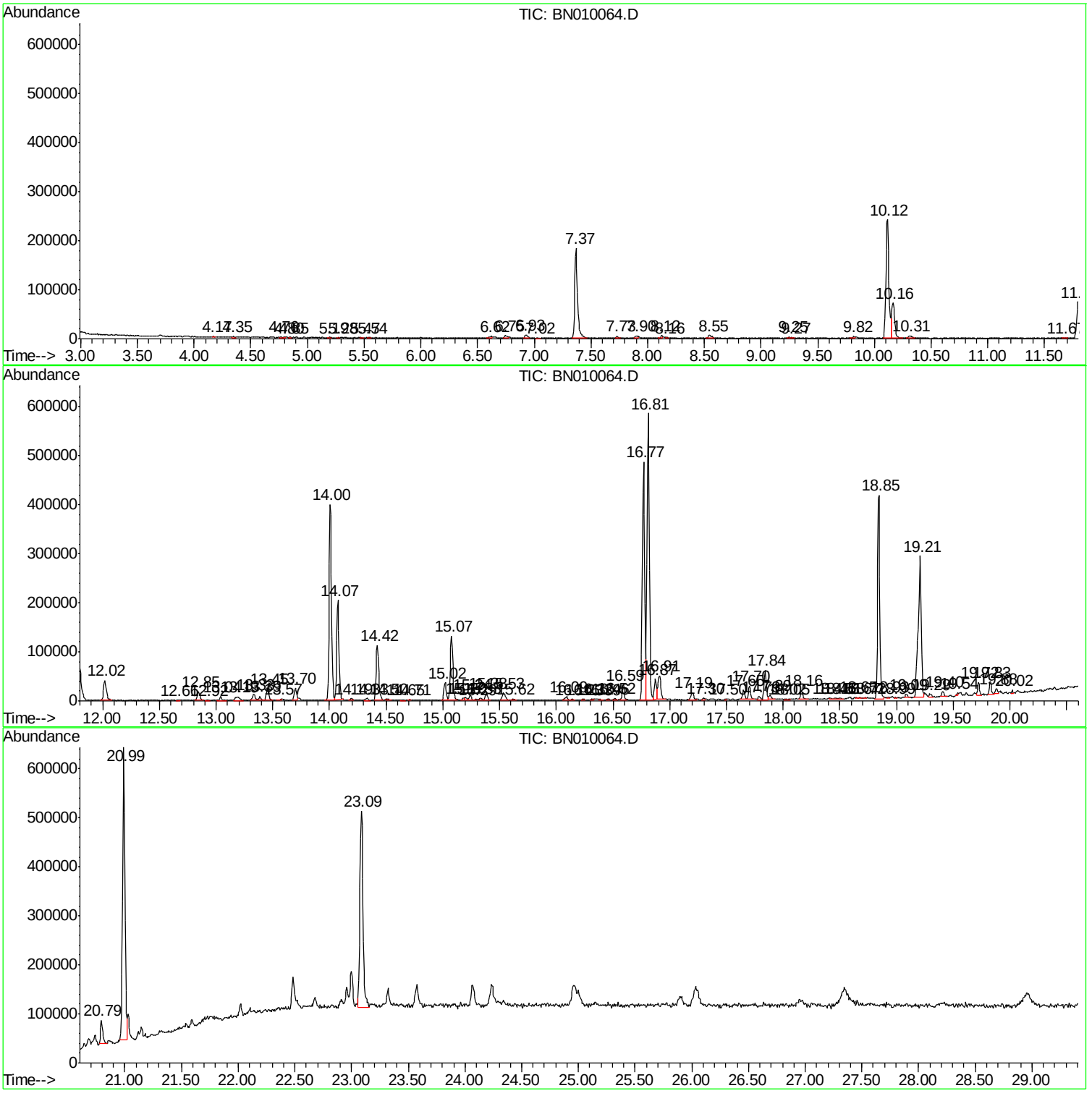
Operator : CG/JU
Sample : L1507-17MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD15MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010064.D
Acq On : 03 Mar 2020 16:28
Operator : CG/JU
Sample : L1507-17MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD15MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

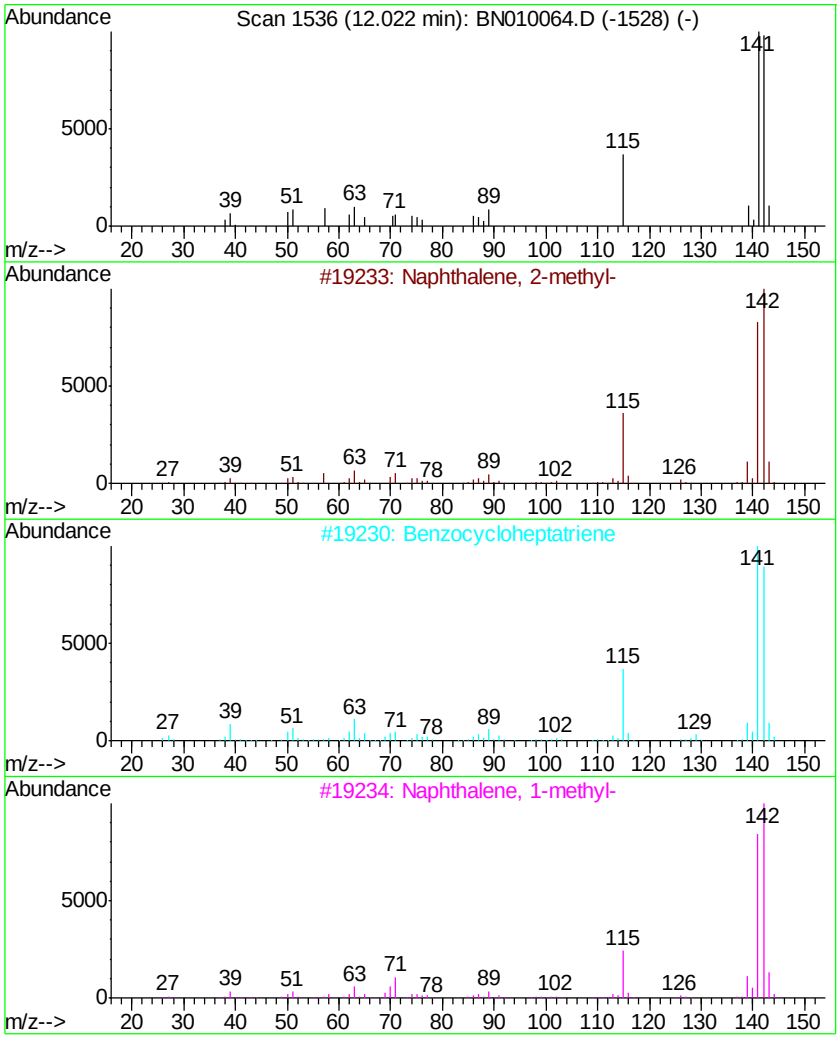
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

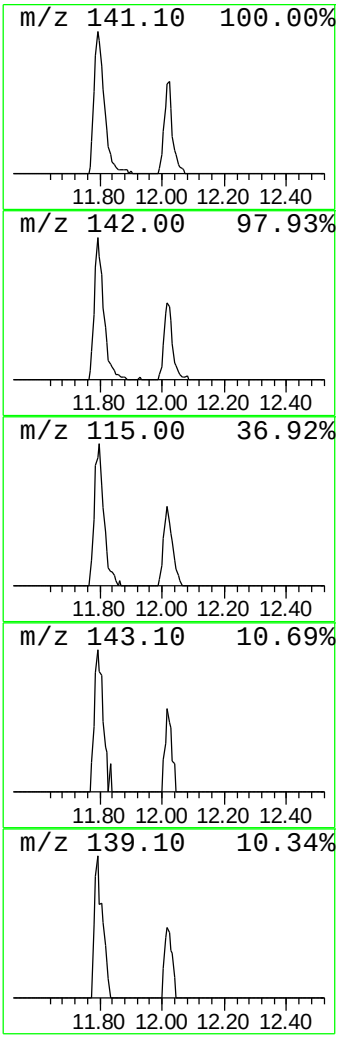
****

Peak Number 1 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.34 ng/ul	74380	Naphthalene-d8	10.12

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





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Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD15MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

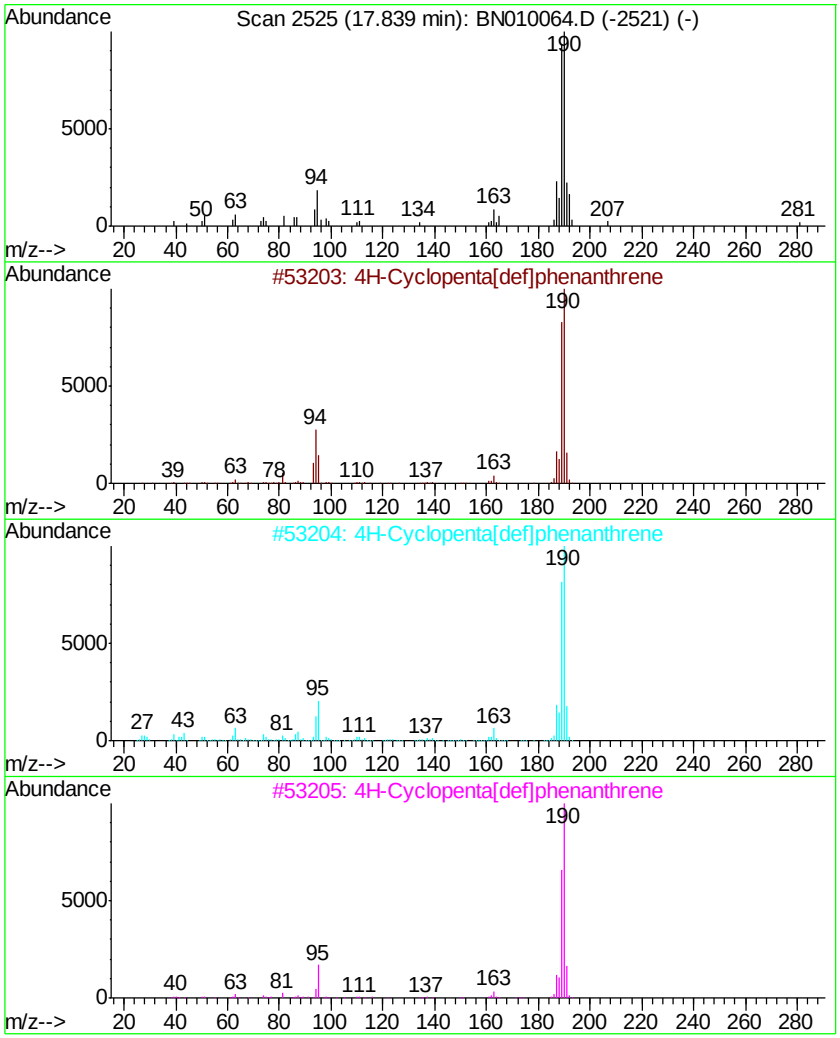
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

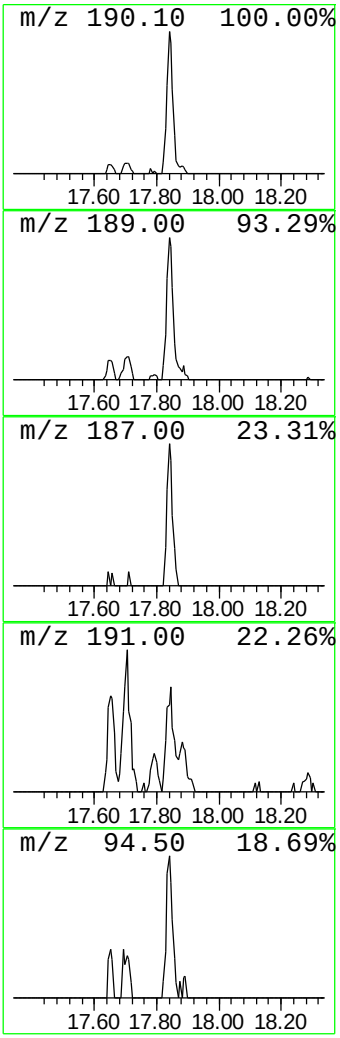
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.53 ng/ul	85886	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_N
ClientSampleId : DBD15MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA 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
Benzocycloheptatr...	12.02	3.3	ng/ul	74380	2	10.12	445248	20.0
4H-Cyclopenta[def...	17.84	2.5	ng/ul	85886	4	16.77	679631	20.0