LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

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-BN040120MA.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	2.893	14	18	27	rBV	117122	217854	1.33%	0.121%
2	2.969	27	31	43	rVB	279211	465961	2.85%	0.260%
3	6.793	674	681	689	rVV	235975	394113	2.41%	0.220%
4	6.952	701	708	717	rBV	742119	1166977	7.13%	0.650%
5	7.152	735	742	752	rVB	836868	1369141	8.36%	0.763%
6	7.269	758	762	768	rBV2	41587	65932	0.40%	0.037%
7	7.610	812	820	827	rBV	1585004	2487890	15.19%	1.386%
8	7.687	827	833	837	rBV2	50191	72465	0.44%	0.040%
9	7.981	876	883	889	rVB	210851	323780	1.98%	0.180%
10	8.140	903	910	920	rBV	463883	760021	4.64%	0.423%
11	8.310	933	939	946	rBV	755445	1154048	7.05%	0.643%
12	8.746	1000	1013	1024	rBV	946825	1564065	9.55%	0.871%
13	9.075	1060	1069	1073	rVV3	42573	95064	0.58%	0.053%
14	9.463	1126	1135	1142	rBV	736695	1223673	7.47%	0.682%
15	9.787	1181	1190	1200	rBV9	51024	121568	0.74%	0.068%
16	9.993	1218	1225	1233	rBV	1389991	2246685	13.72%	1.251%
17	10.369	1281	1289	1293	rBV	2412119	4028549	24.60%	2.244%
18	10.422	1293	1298	1306	rVV	6599439	10897180	66.55%	6.070%
19	10.534	1306	1317	1328	rVB	244341	455818	2.78%	0.254%
20	12.034	1564	1572	1580	rVV	1928810	2976410	18.18%	1.658%
21	12.151	1586	1592	1597	rBV3	46778	83811	0.51%	0.047%
22	12.257	1597	1610	1618	rVB	1175712	1832367	11.19%	1.021%
23	13.063	1738	1747	1756	rBV	897703	1278021	7.81%	0.712%
24	13.263	1775	1781	1791	rVB	290853	513089	3.13%	0.286%
25	13.392	1791	1803	1804	rBV	252735	331391	2.02%	0.185%
26	13.557	1822	1831	1836	rBV	420718	744819	4.55%	0.415%
27	13.610	1836	1840	1842	rVV	279858	401050	2.45%	0.223%
28	13.651	1842	1847	1859	rVB	2925252	3972005	24.26%	2.212%
29	13.792	1866	1871	1874	rBV	173468	255263	1.56%	0.142%
30	13.828	1874	1877	1882	rVB	74427	102174	0.62%	0.057%
31	13.922	1882	1893	1905	rBV	3170082	4915502	30.02%	2.738%
32	14.234	1935	1946	1952	rBV2	4057273	6291422	38.43%	3.504%
33	14.298	1952	1957	1964	rVV	7405447	10655941	65.08%	5.935%
34	14.357	1964	1967	1974	rVV	340996	498442	3.04%	0.278%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

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-BN040120MA.M
Title : SVOA CALIBRATION

35	14.434	1974	1980	1991	rVV4	235262	503539	3.08%	0.280%
36	14.551	1995	2000	2005	rVB	236097	345851	2.11%	0.193%
37	14.634	2005	2014	2023	rBV	3879061	5638211	34.44%	3.141%
38	14.716	2023	2028	2033	rBV2	54892	80103	0.49%	0.045%
39	14.863	2050	2053	2058	rVV2	53002	79413	0.49%	0.044%
40	14.916	2058	2062	2067	rVV3	58757	88710	0.54%	0.049%
41	15.034	2071	2082	2085	rBV3	47884	101068	0.62%	0.056%
42	15.181	2100	2107	2109	rBV5	36992	70039	0.43%	0.039%
43	15.234	2109	2116	2120	rVV	4425463	6258335	38.22%	3.486%
44	15.286	2120	2125	2131	rVV2	4667010	6601355	40.32%	3.677%
45	15.351	2131	2136	2140	rVV	1018313	1490107	9.10%	0.830%
46	15.381	2140	2141	2144	rVV3	180179	221255	1.35%	0.123%
47	15.410	2144	2146	2149	rVV	271545	359657	2.20%	0.200%
48	15.451	2149	2153	2159	rVV	528712	852170	5.20%	0.475%
49	15.504	2159	2162	2164	rVV2	102717	139995	0.86%	0.078%
50	15.539	2164	2168	2171	rVV	242136	336929	2.06%	0.188%
51	15.586	2171	2176	2186	rVB	492102	693902	4.24%	0.387%
52	15.728	2195	2200	2208	rVB	500191	983196	6.00%	0.548%
53	15.822	2208	2216	2221	rVB3	100548	187267	1.14%	0.104%
54	15.898	2223	2229	2232	rBV2	93187	138089	0.84%	0.077%
55	15.951	2233	2238	2246	rVB2	178817	301350	1.84%	0.168%
56	16.081	2253	2260	2266	rBV	373683	599889	3.66%	0.334%
57	16.251	2284	2289	2290	rBV2	131101	171613	1.05%	0.096%
58	16.292	2291	2296	2301	rVV2	254655	445977	2.72%	0.248%
59	16.339	2301	2304	2309	rVB2	82786	110502	0.67%	0.062%
60	16.439	2316	2321	2328	rVB2	123163	210125	1.28%	0.117%
61	16.739	2364	2372	2375	rBV3	104847	249711	1.53%	0.139%
62	16.798	2377	2382	2394	rVB	960935	1363510	8.33%	0.759%
63	16.981	2407	2413	2416	rBV	5297356	7392332	45.15%	4.118%
64	17.022	2416	2420	2425	rVB	11682688	16373199	100.00%	9.120%
65	17.081	2425	2430	2434	rBV	4923576	6705077	40.95%	3.735%
66	17.175	2442	2446	2453	rVB5	67873	131780	0.80%	0.073%
67	17.345	2470	2475	2476	rBV3	85970	117687	0.72%	0.066%
68	17.381	2476	2481	2487	rVB	828046	1143930	6.99%	0.637%
69	17.504	2493	2502	2505	rBV5	101753	222892	1.36%	0.124%
70	17.545	2505	2509	2514	rVB3	96127	158820	0.97%	0.088%
71	17.698	2532	2535	2544	rVB3	42564	105826	0.65%	0.059%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

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-BN040120MA.M
Title : SVOA CALIBRATION

72	17.857	2558	2562	2565	rVV	367542	472939	2.89%	0.263%
73	17.904	2565	2570	2577	rVB	624148	893753	5.46%	0.498%
74	17.975	2577	2582	2589	rBV3	139901	264830	1.62%	0.148%
75	18.051	2589	2595	2599	rBV	1128966	1652714	10.09%	0.921%
76	18.086	2599	2601	2606	rVB	157961	181999	1.11%	0.101%
77	18.157	2608	2613	2616	rBV2	42600	67172	0.41%	0.037%
78	18.198	2616	2620	2624	rVB	74740	90750	0.55%	0.051%
79	18.298	2632	2637	2642	rBV3	64439	97245	0.59%	0.054%
80	18.363	2643	2648	2651	rBV	226301	311279	1.90%	0.173%
81	18.610	2685	2690	2696	rBV10	28966	67931	0.41%	0.038%
82	18.780	2716	2719	2726	rVB8	43551	79587	0.49%	0.044%
83	19.045	2750	2764	2770	rBV	3386291	4604120	28.12%	2.565%
84	19.133	2776	2779	2785	rVB7	58095	94415	0.58%	0.053%
85	19.192	2786	2789	2793	rBV5	68723	82525	0.50%	0.046%
86	19.380	2814	2821	2824	rBV	7064678	9884430	60.37%	5.506%
87	19.480	2835	2838	2843	rVB2	46355	69627	0.43%	0.039%
88	19.592	2853	2857	2860	rBV	73618	111300	0.68%	0.062%
89	19.792	2887	2891	2895	rVB	112731	165451	1.01%	0.092%
90	19.845	2896	2900	2903	rBV	125494	177892	1.09%	0.099%
91	19.910	2908	2911	2916	rVB2	116124	152898	0.93%	0.085%
92	20.010	2925	2928	2933	rBV	119699	141217	0.86%	0.079%
93	21.180	3122	3127	3138	rVB	7720242	9846127	60.14%	5.484%
94	22.257	3306	3310	3314	rVB	286737	353530	2.16%	0.197%
95	22.745	3390	3393	3399	rVB2	473573	681604	4.16%	0.380%
96	23.221	3467	3474	3481	rBV	5831293	9924670	60.62%	5.528%
97	23.292	3482	3486	3490	rVV	744180	1154353	7.05%	0.643%
98	23.357	3490	3497	3507	rVB	5881236	10530434	64.32%	5.866%
99	23.915	3587	3592	3598	rBV	665784	1132710	6.92%	0.631%
100	24.633	3709	3714	3725	rVB2	610551	1307097	7.98%	0.728%

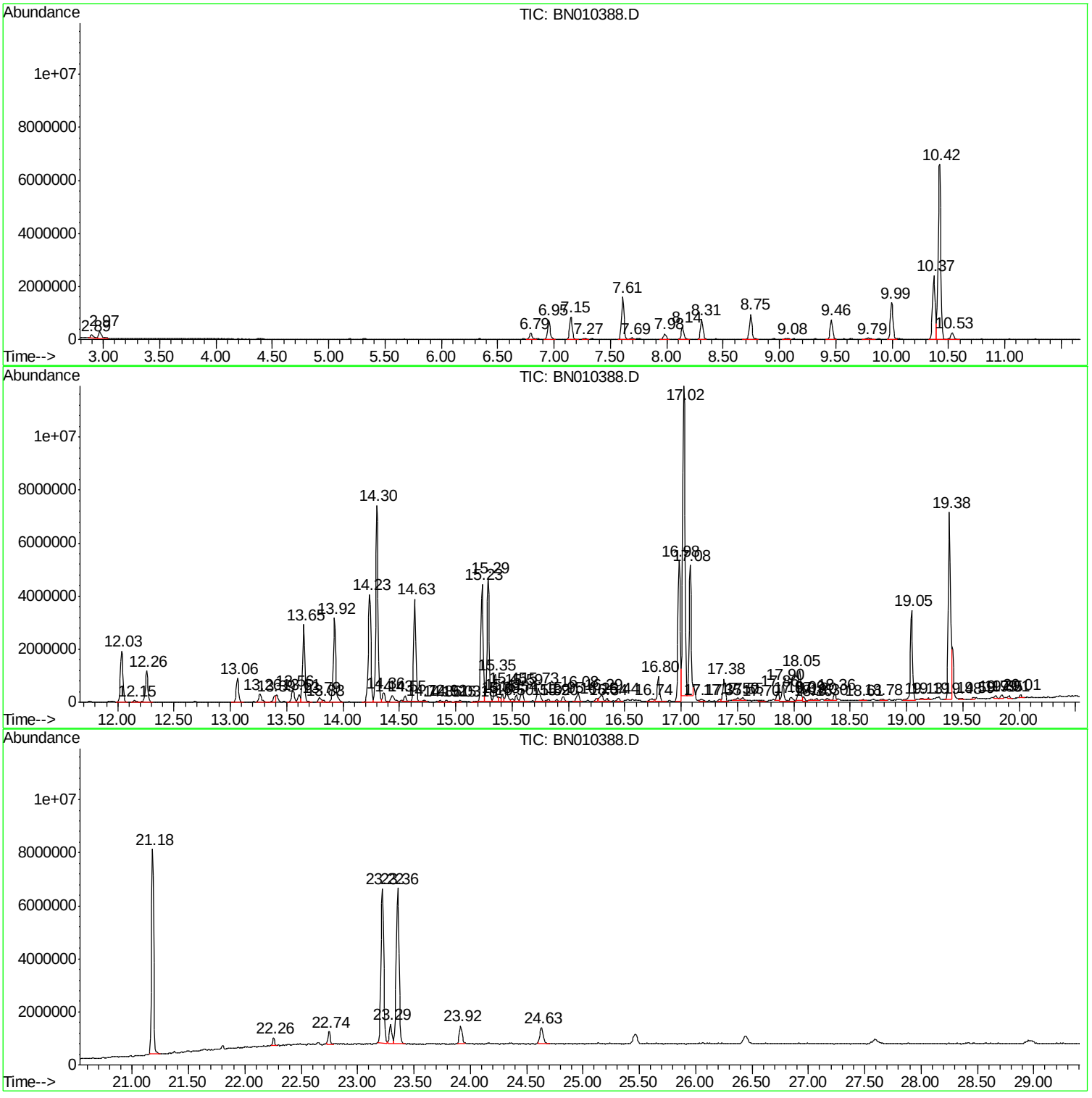
Sum of corrected areas: 179530501

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

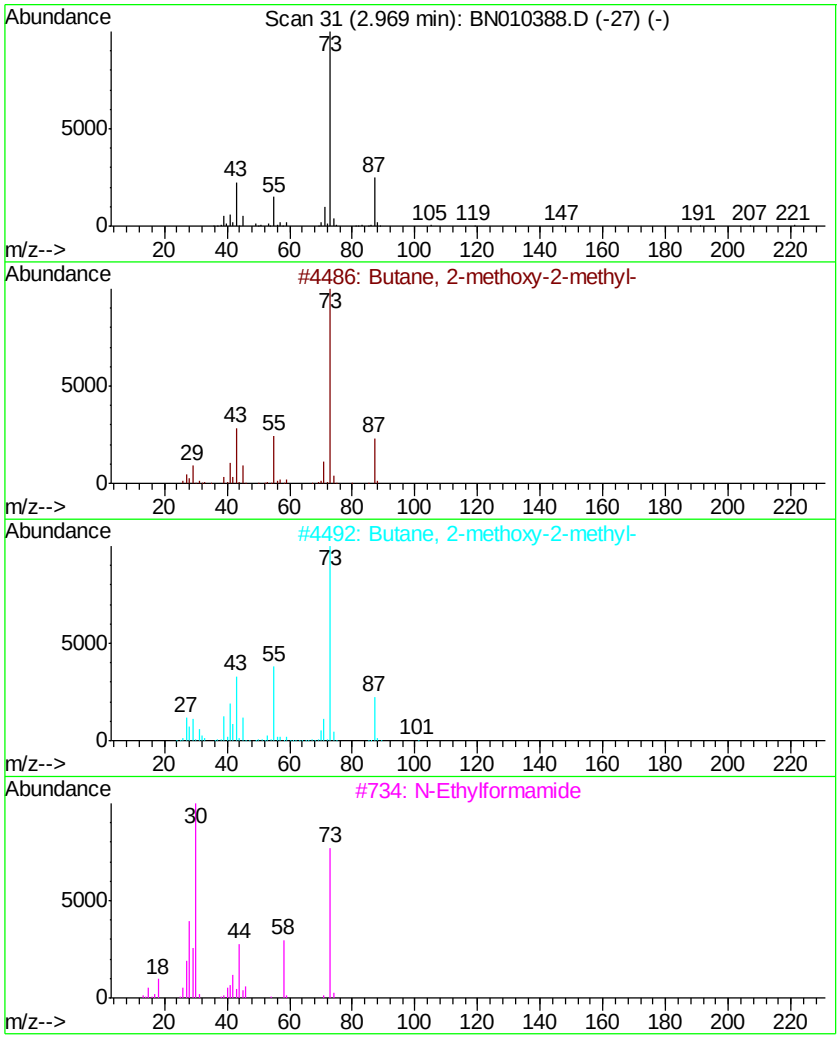
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

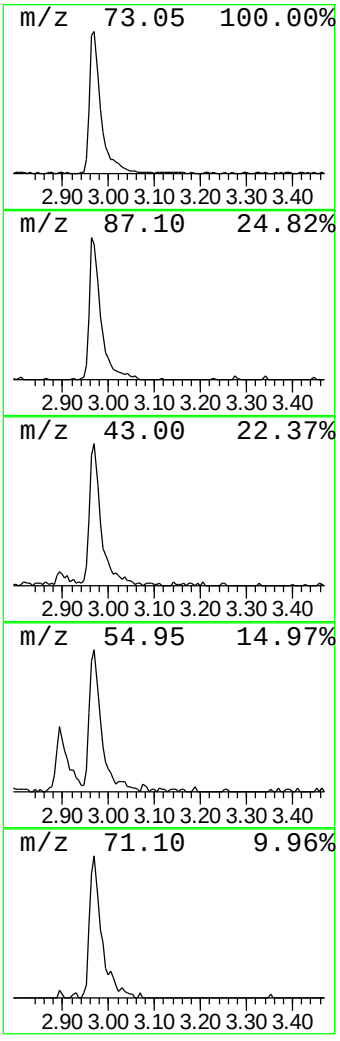
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	3.75 ng/ul	465961	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

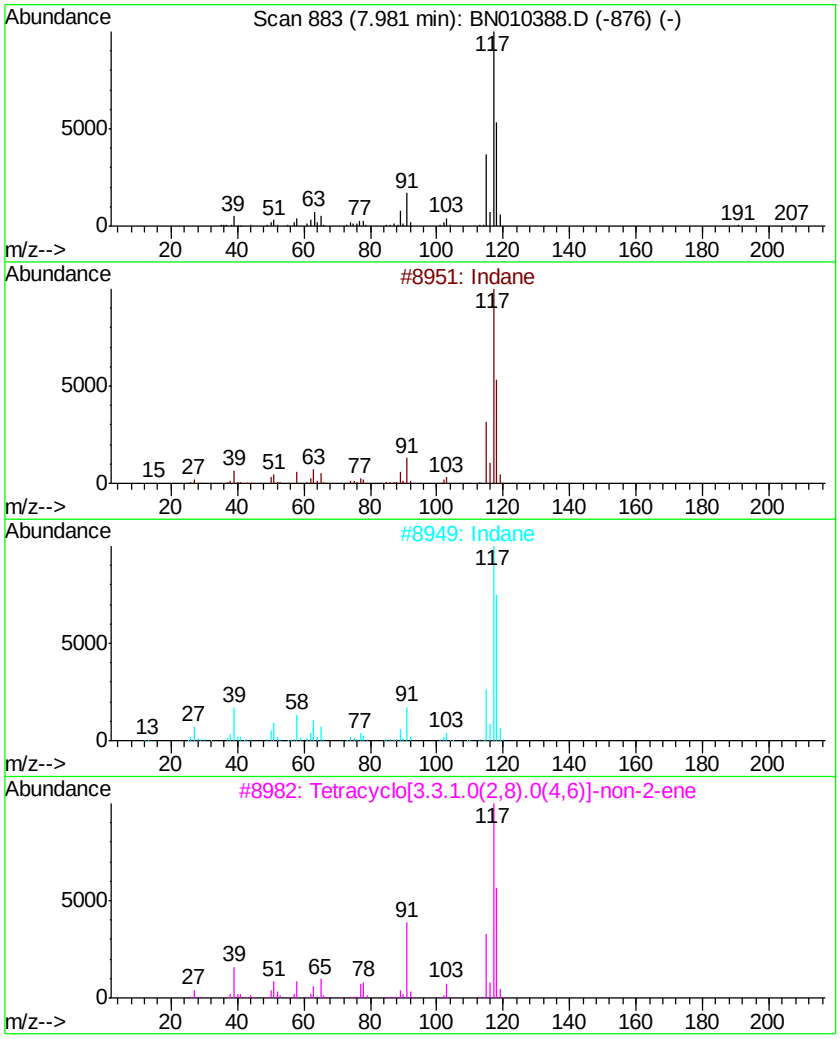
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

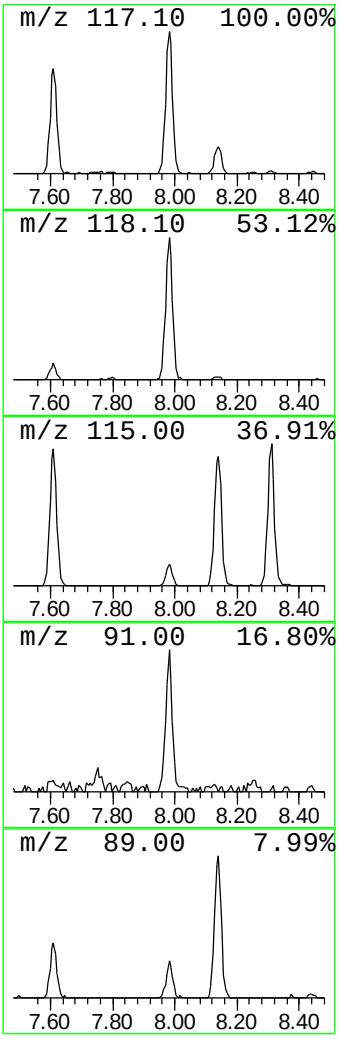
****

Peak Number 2 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	2.60 ng/ul	323780	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

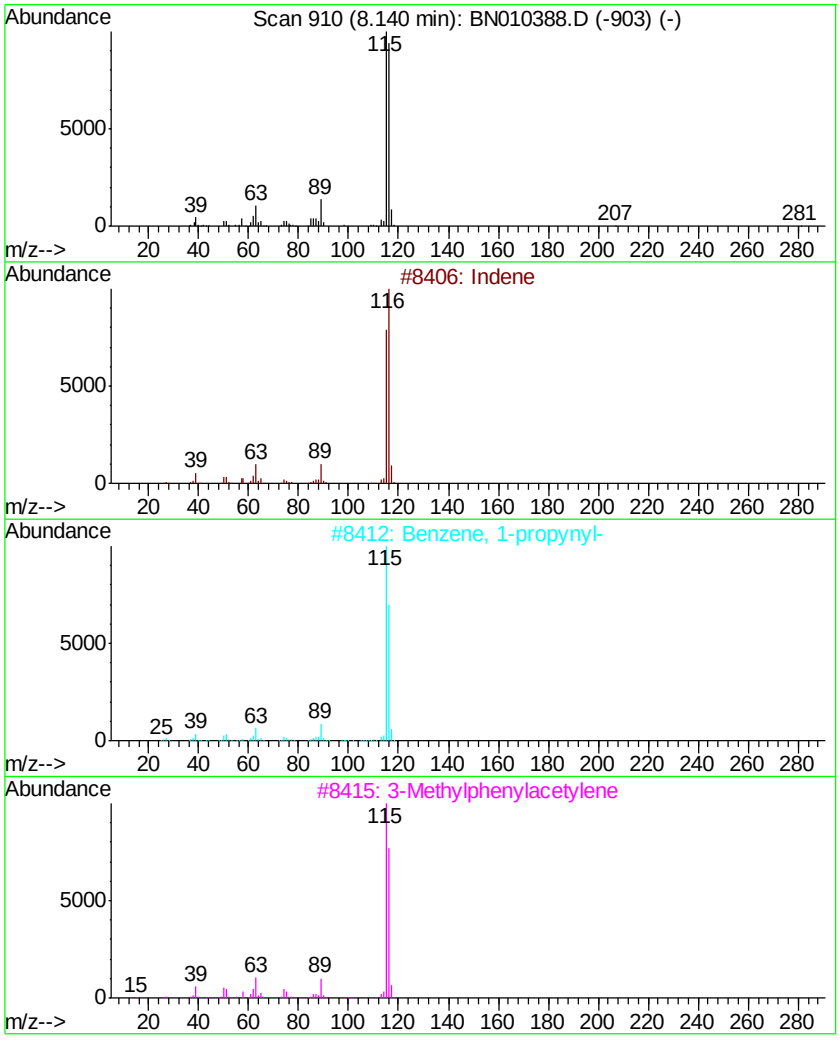
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

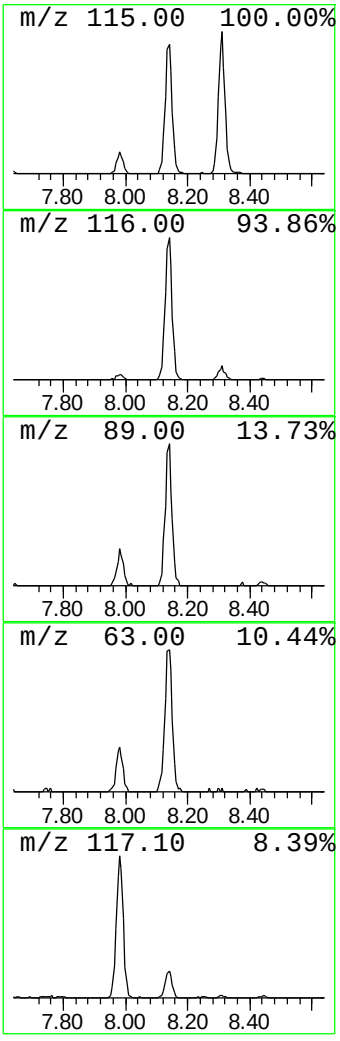
****

Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	6.11 ng/ul	760021	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

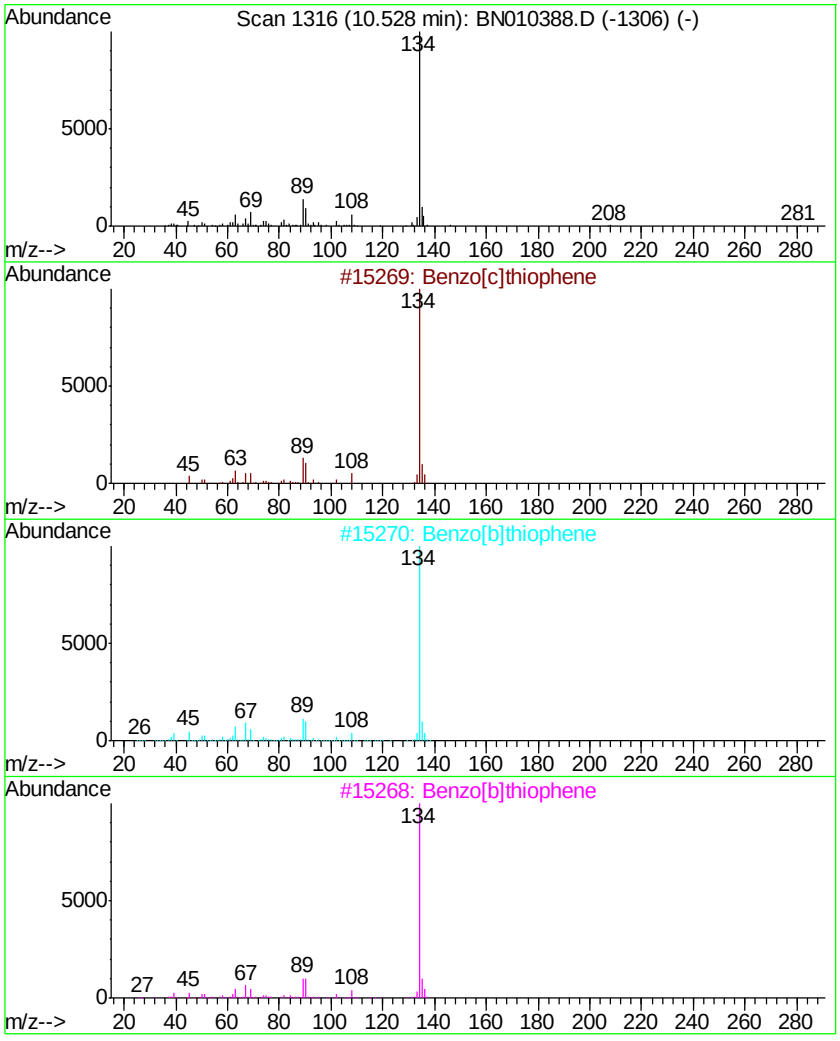
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

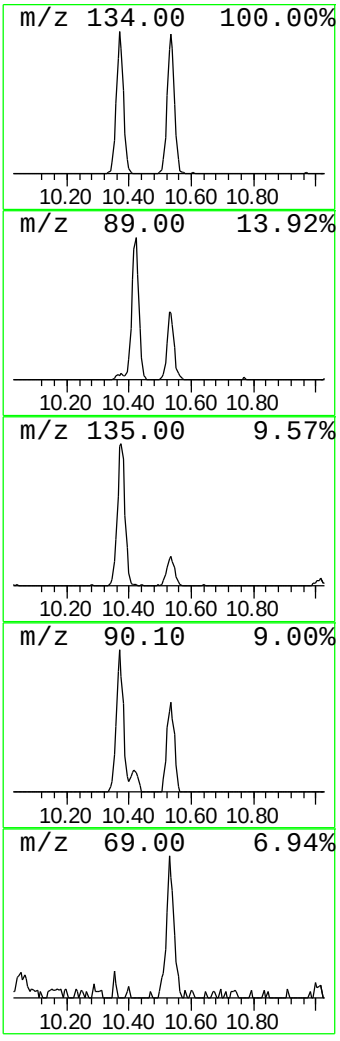
****

Peak Number 4 Benzo[c]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.26 ng/ul	455818	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

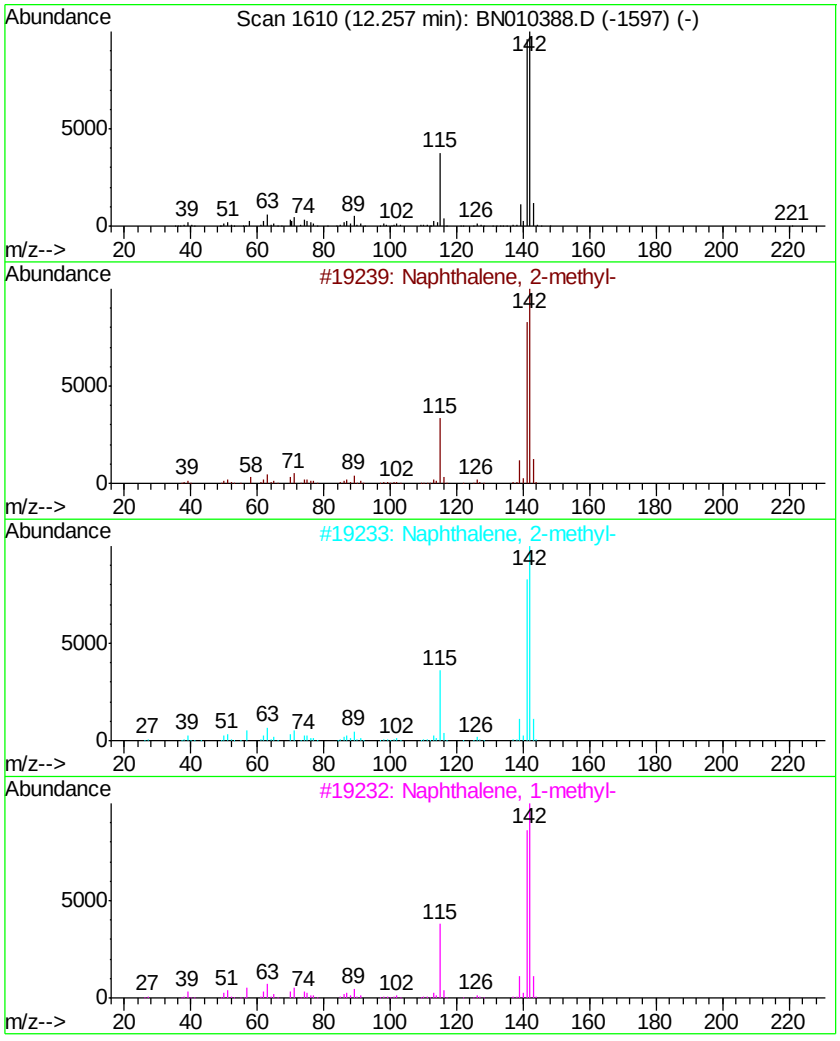
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

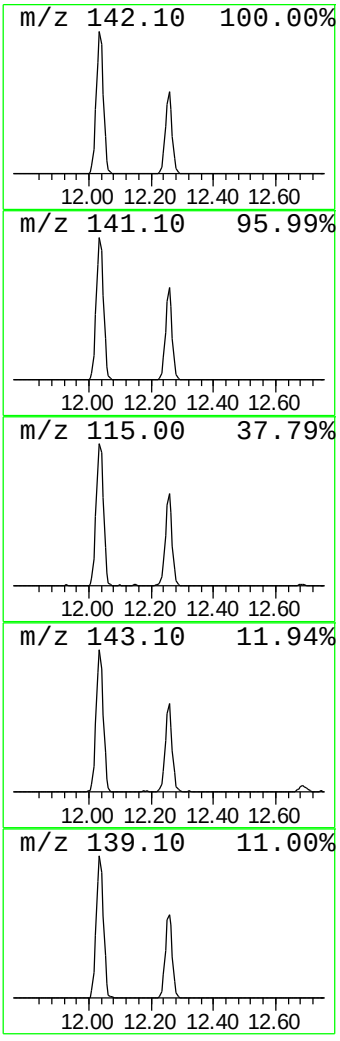
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	9.10 ng/ul	1832370	Naphthalene-d8	10.37

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





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Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

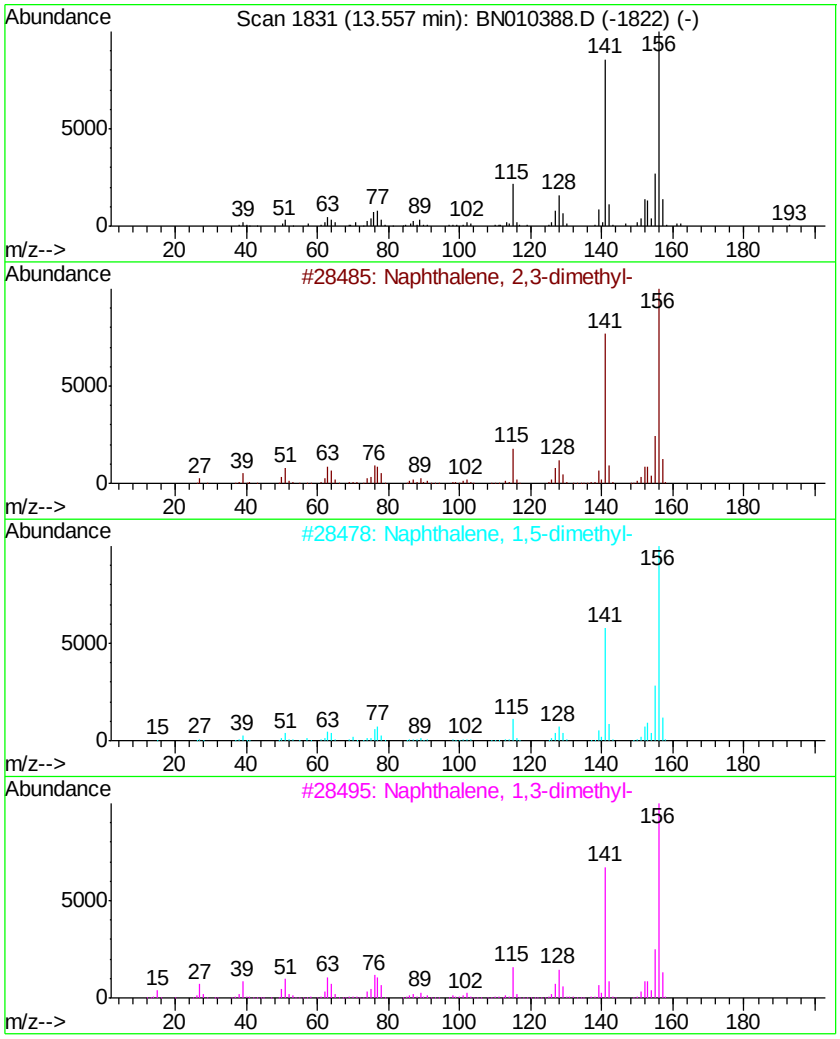
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

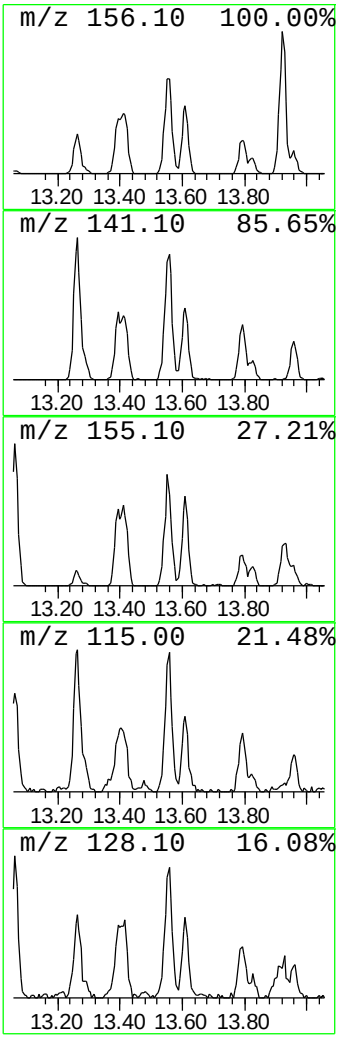
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.37 ng/ul	744819	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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

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Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

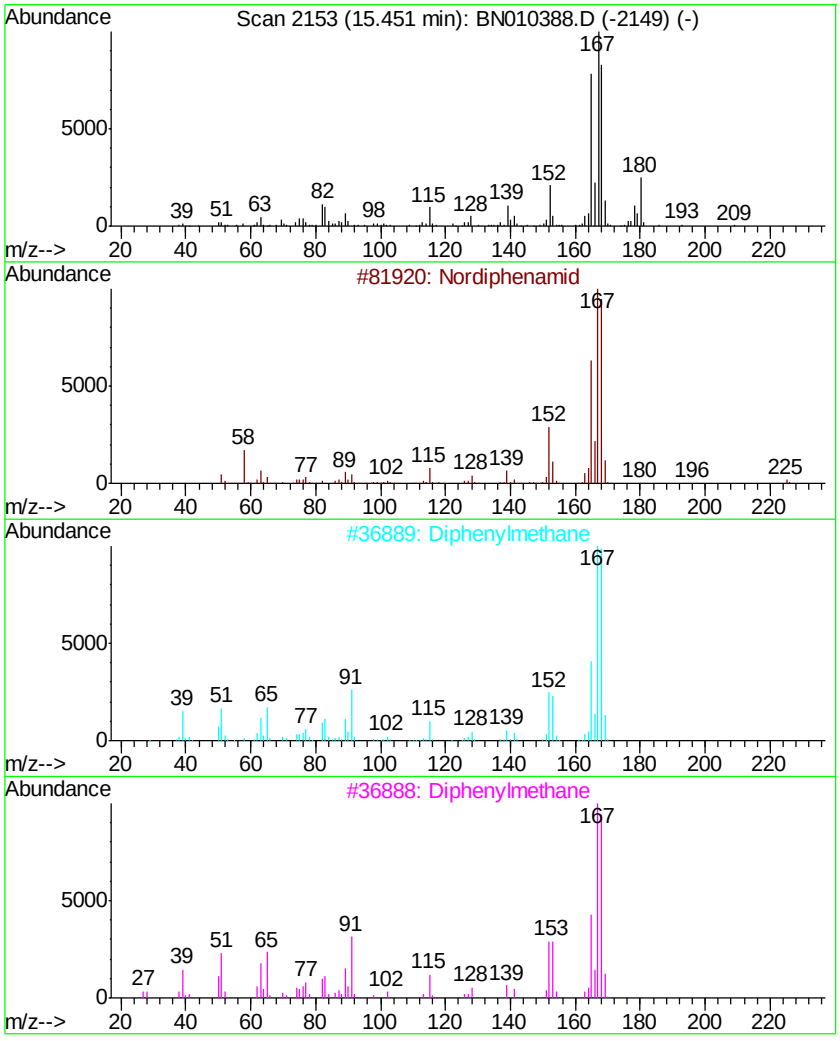
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

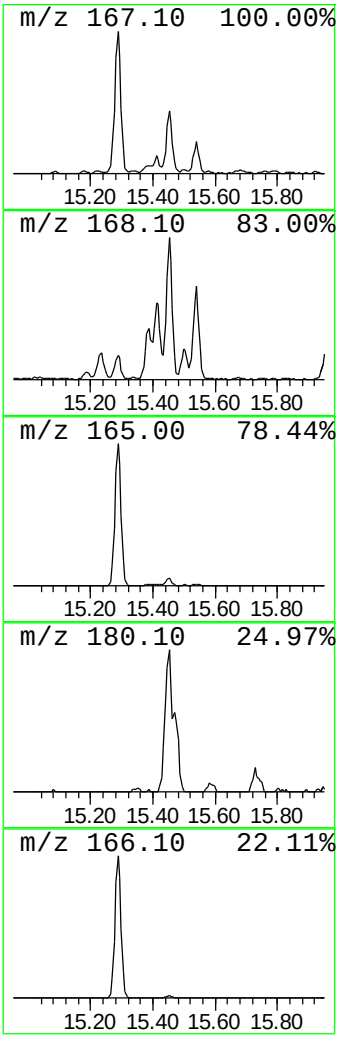
****

Peak Number 7 Nordiphenamid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	2.71 ng/ul	852170	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	72
2	Diphenylmethane	168	C13H12	000101-81-5	60
3	Diphenylmethane	168	C13H12	000101-81-5	60
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	53
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	53





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Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

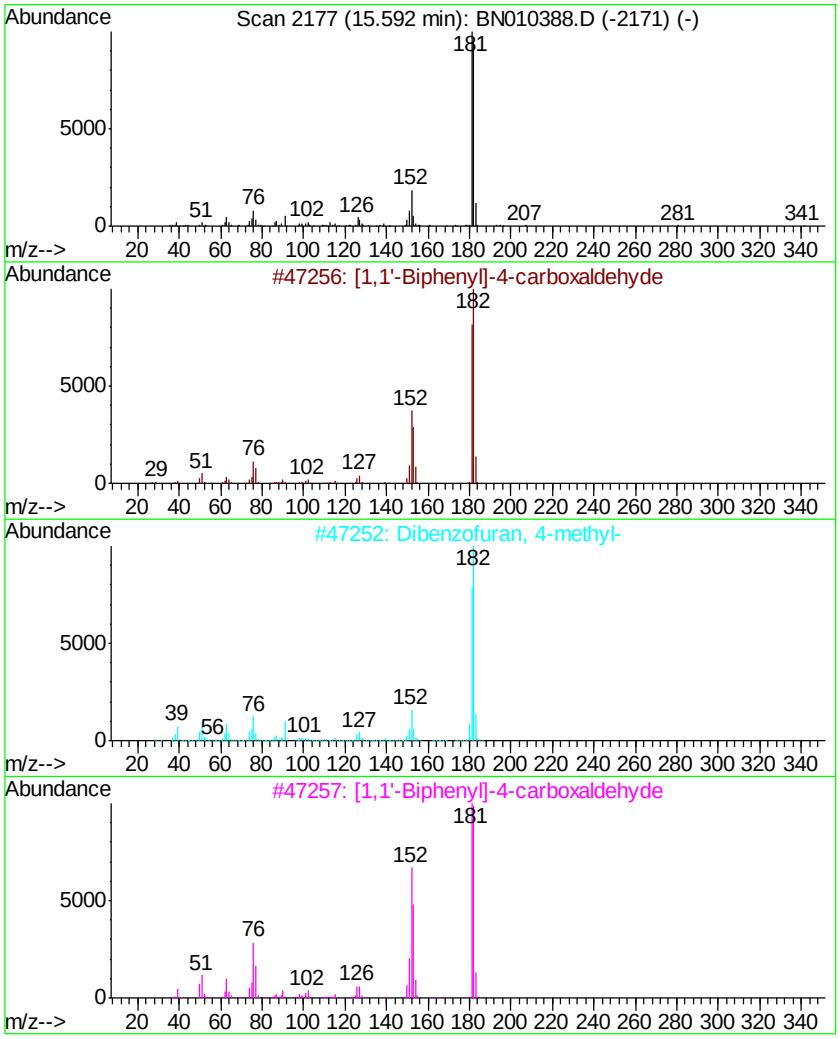
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

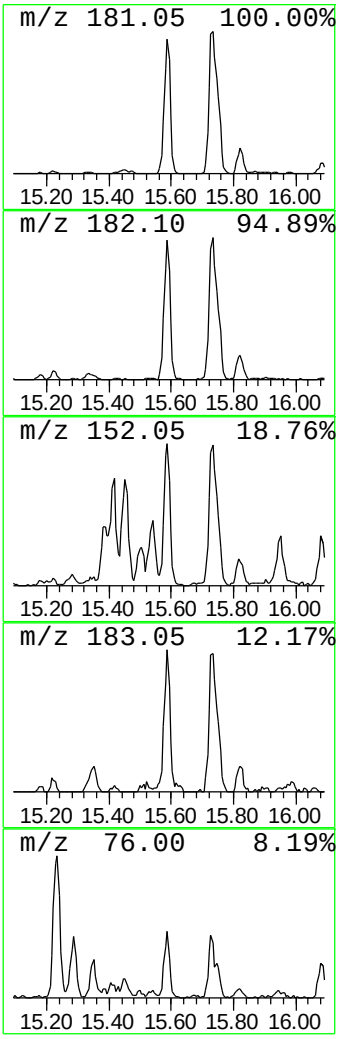
****

Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.21 ng/ul	693902	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

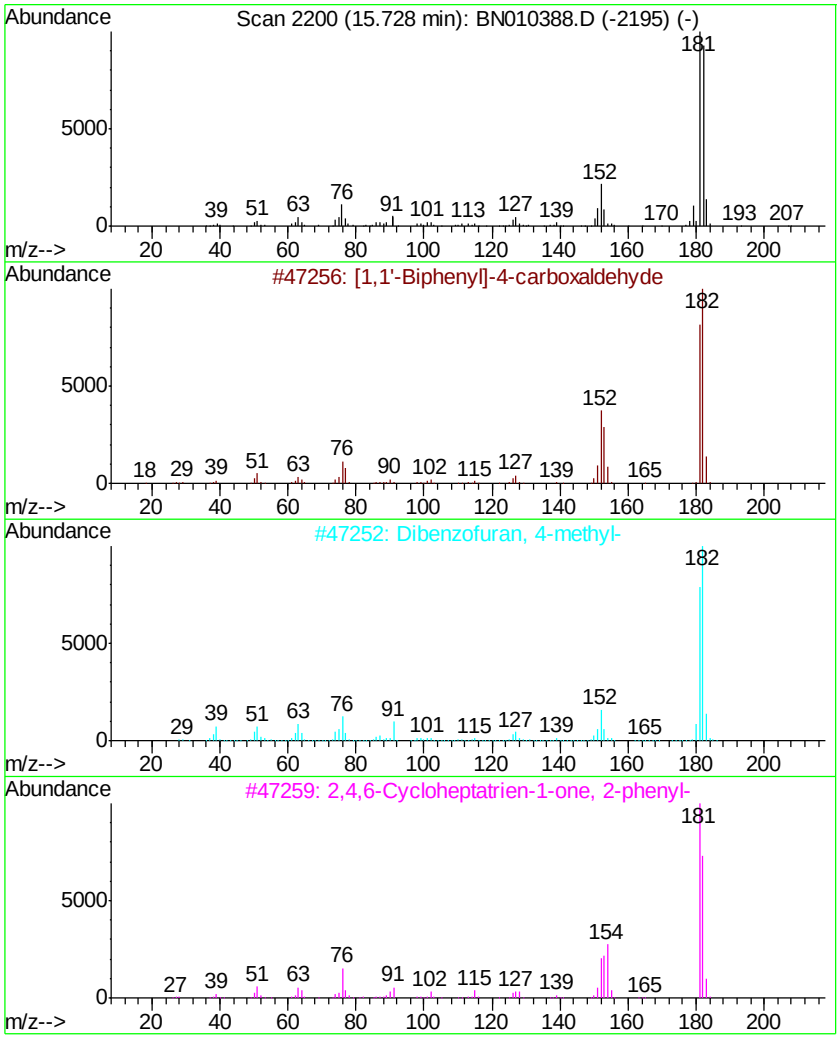
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

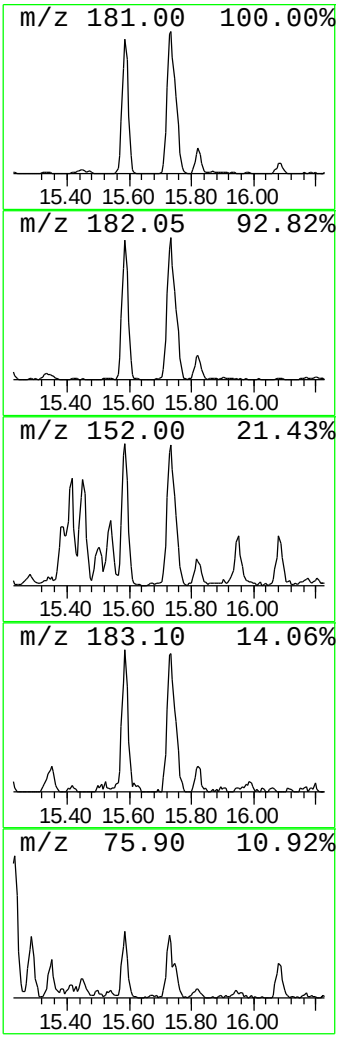
****

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.66 ng/ul	983196	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

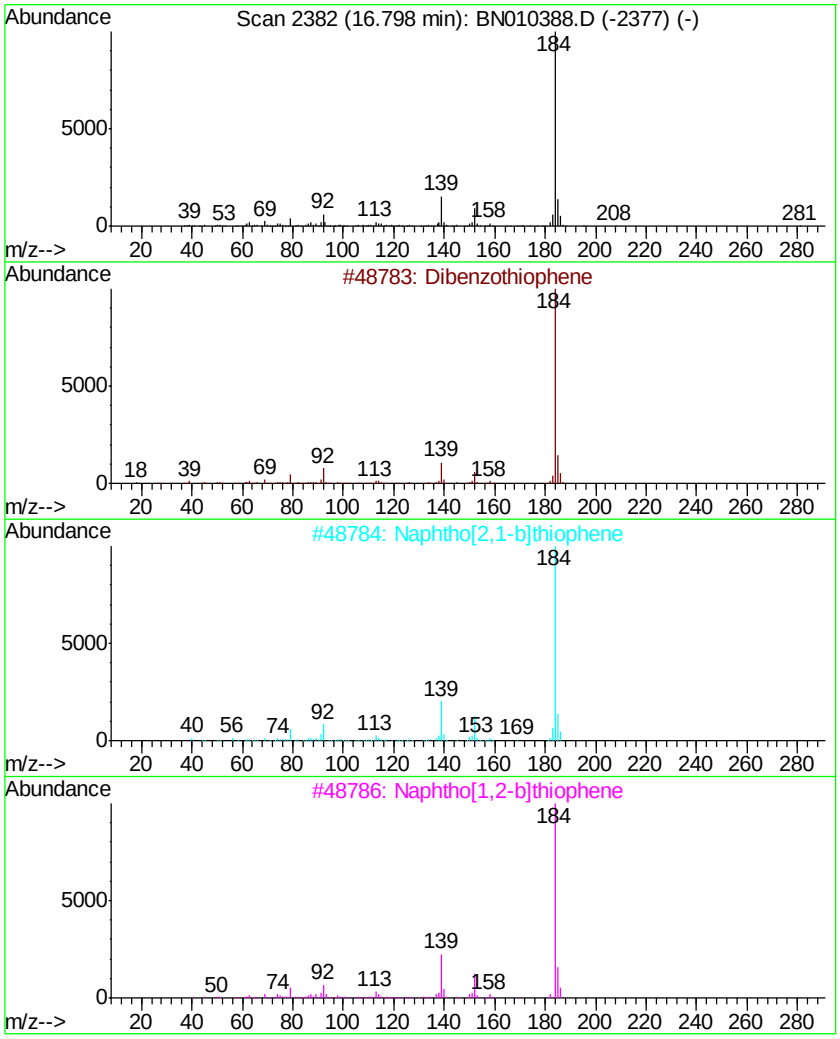
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

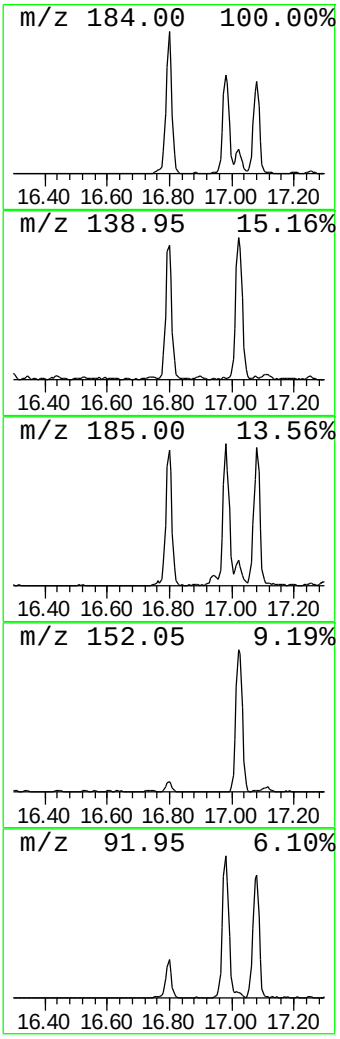
****

Peak Number 10 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.69 ng/ul	1363510	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

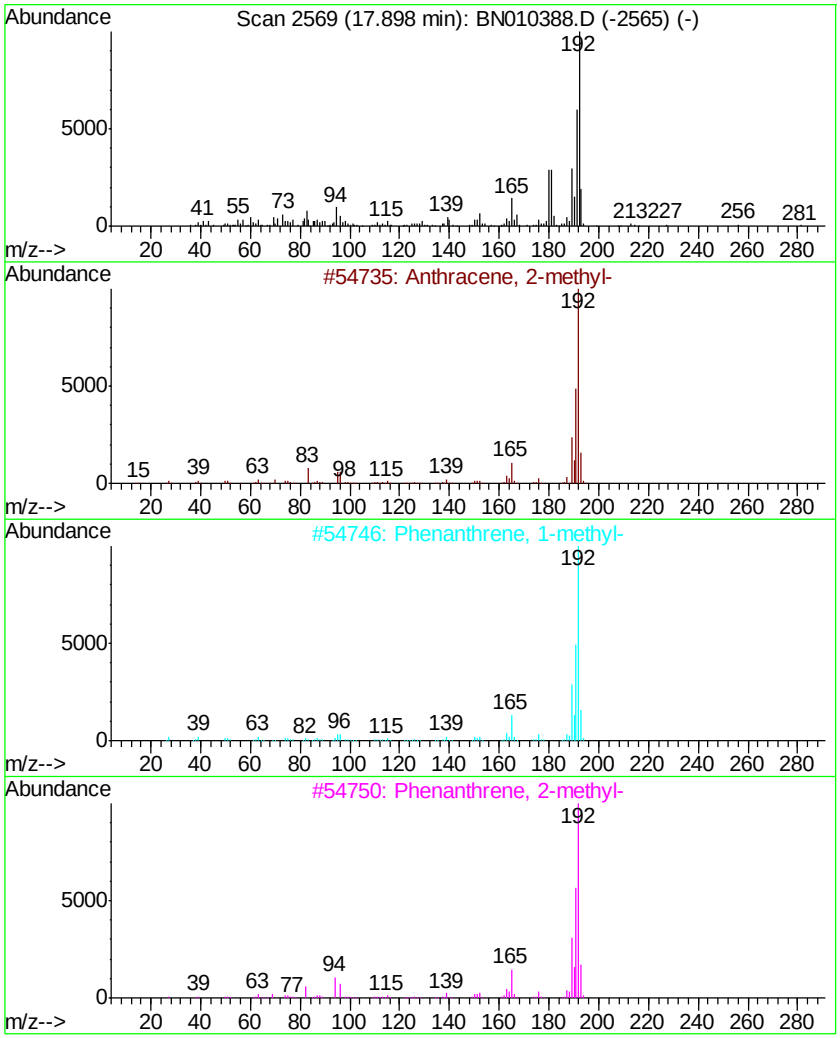
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

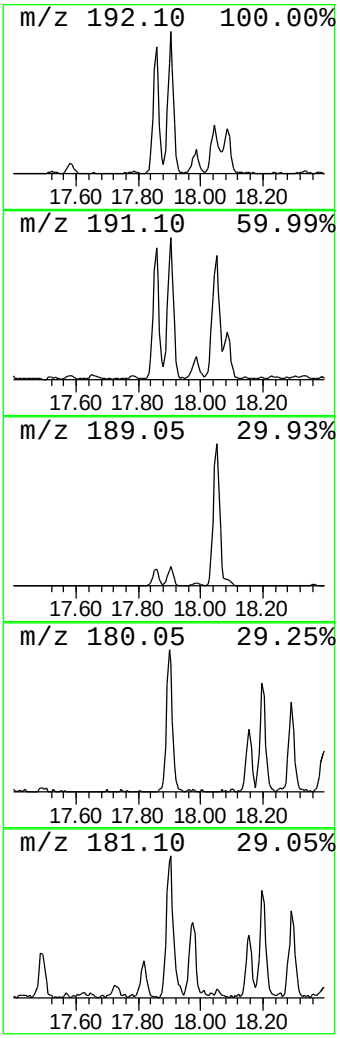
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.42 ng/ul	893753	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

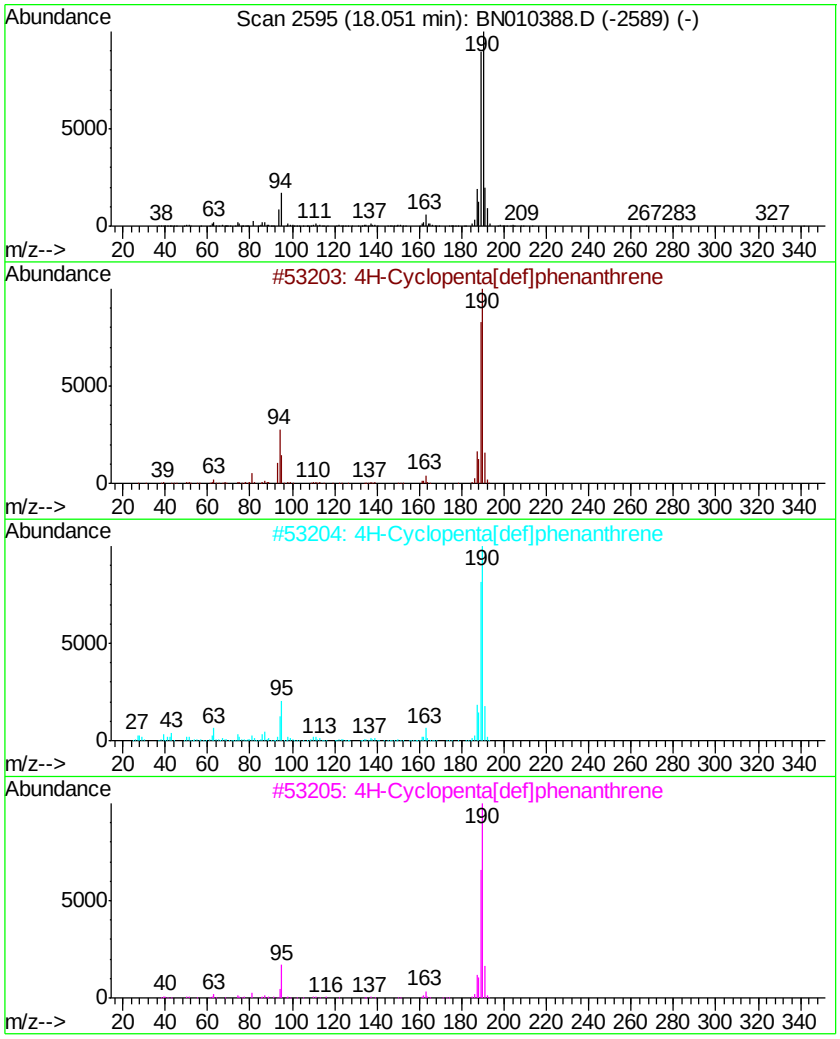
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

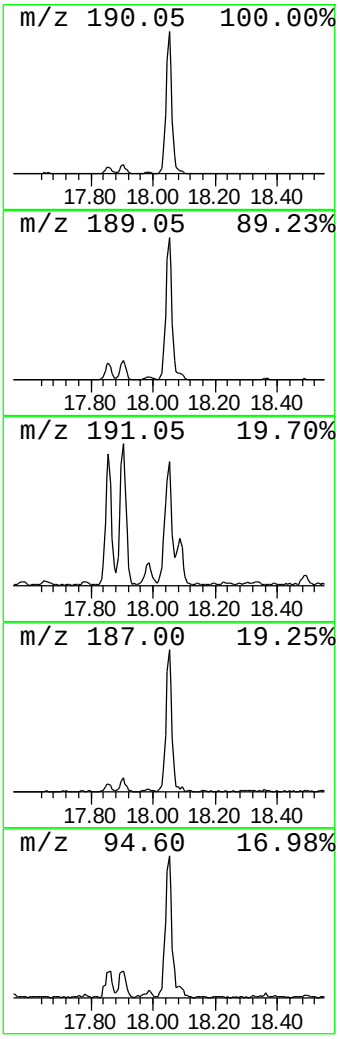
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.47 ng/ul	1652710	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53





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Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

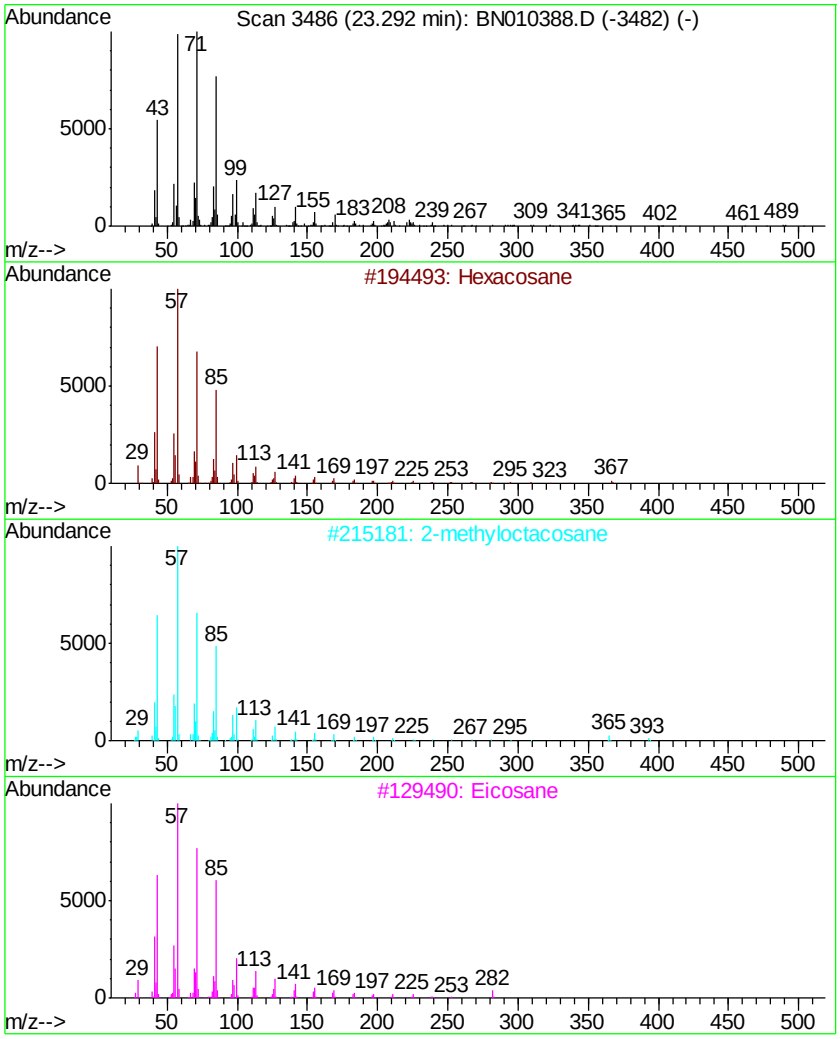
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

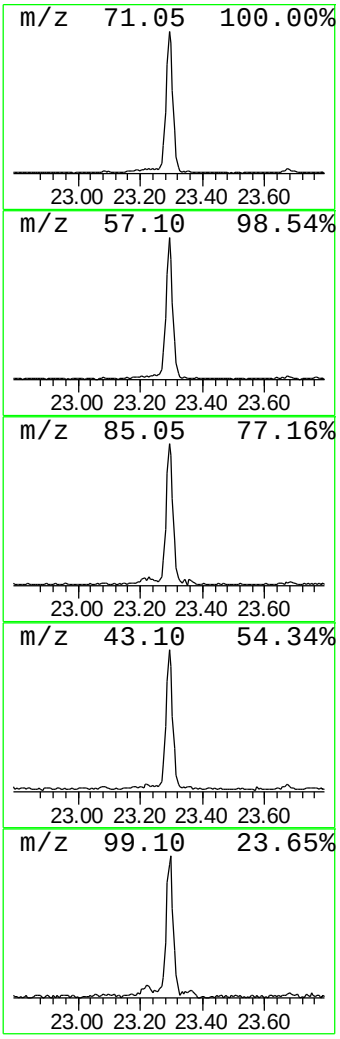
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.19 ng/ul	1154350	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





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Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

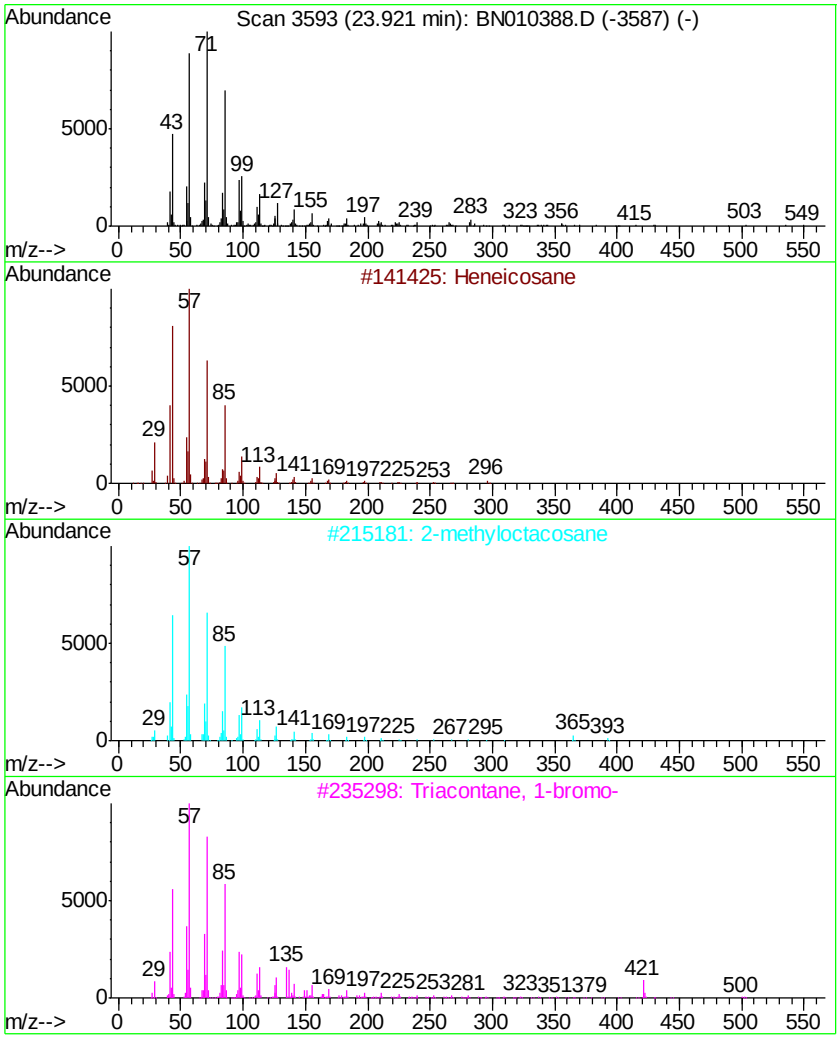
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

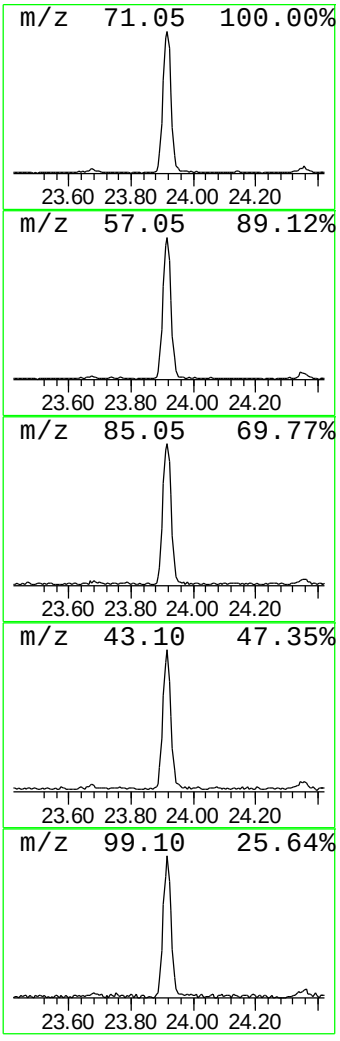
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.15 ng/ul	1132710	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	90
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
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Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

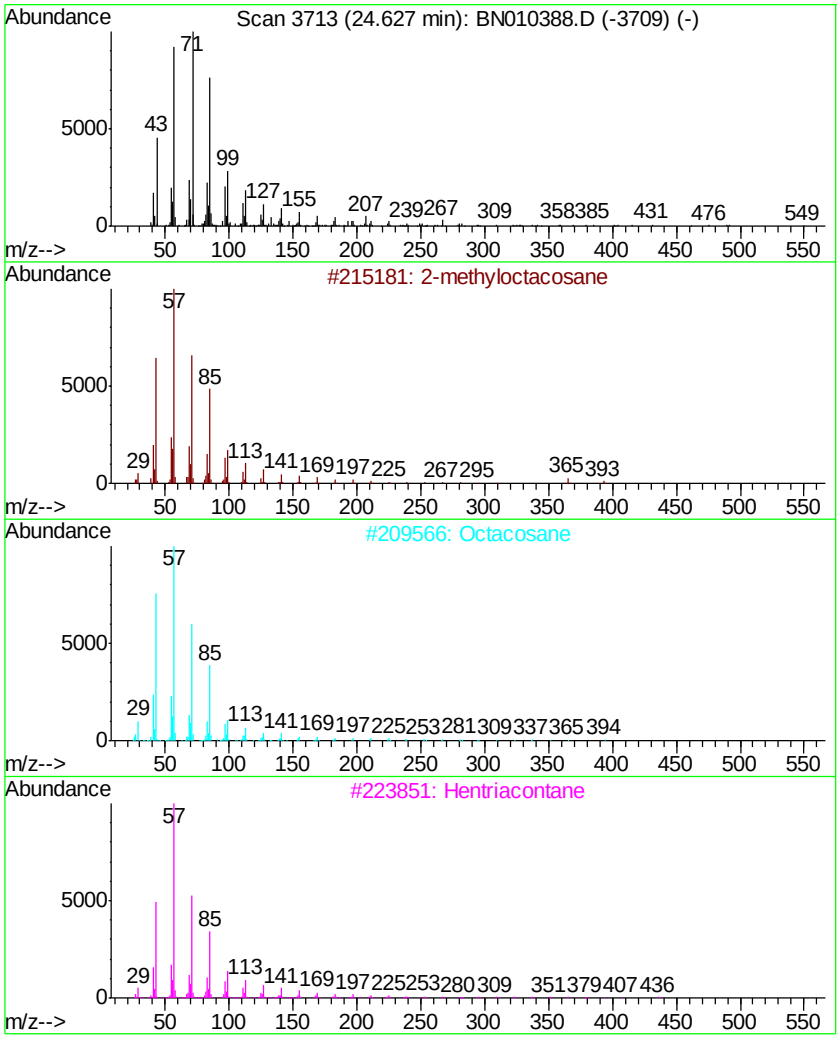
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

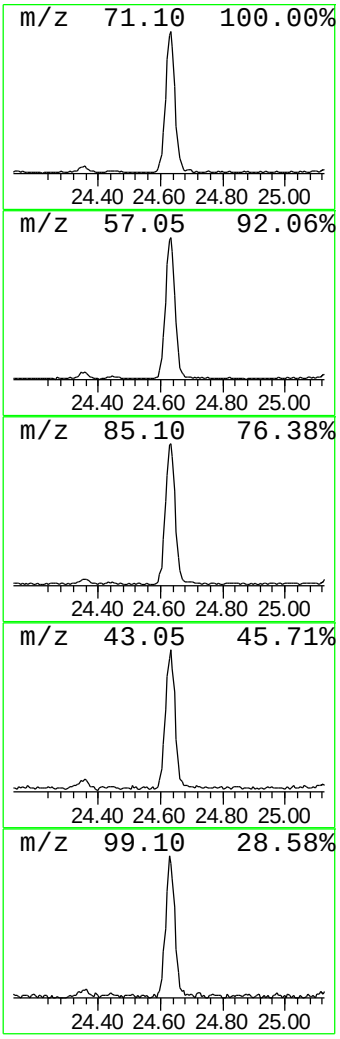
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	2.48 ng/ul	1307100	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

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Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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
Butane, 2-methoxy...	2.97	3.8	ng/ul	465961	1	7.61	2487890	20.0
Indane	7.98	2.6	ng/ul	323780	1	7.61	2487890	20.0
Indene	8.14	6.1	ng/ul	760021	1	7.61	2487890	20.0
Benzo[c]thiophene	10.53	2.3	ng/ul	455818	2	10.37	4028550	20.0
Naphthalene, 1-me...	12.26	9.1	ng/ul	1832370	2	10.37	4028550	20.0
Naphthalene, 2,3-...	13.56	2.4	ng/ul	744819	3	14.23	6291420	20.0
Nordiphenamid	15.45	2.7	ng/ul	852170	3	14.23	6291420	20.0
[1,1'-Biphenyl]-4...	15.59	2.2	ng/ul	693902	3	14.23	6291420	20.0
Dibenzofuran, 4-m...	15.73	2.7	ng/ul	983196	4	16.98	7392330	20.0
Dibenzothiophene	16.80	3.7	ng/ul	1363510	4	16.98	7392330	20.0
Anthracene, 2-met...	17.90	2.4	ng/ul	893753	4	16.98	7392330	20.0
4H-Cyclopenta[def...	18.05	4.5	ng/ul	1652710	4	16.98	7392330	20.0
(DEL) Alkane: Str...	23.29	2.2	ng/ul	1154350	6	23.36	10530400	20.0
(DEL) Alkane: Str...	23.92	2.1	ng/ul	1132710	6	23.36	10530400	20.0
(DEL) Alkane: Str...	24.63	2.5	ng/ul	1307100	6	23.36	10530400	20.0