LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

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-BN061918.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	3.017	3	5	11	rVB	3223087	3915419	16.89%	1.269%
2	3.270	44	48	60	rVB	138104	225464	0.97%	0.073%
3	3.770	128	133	141	rBV	580484	796119	3.43%	0.258%
4	4.493	250	256	269	rBV	692581	1211687	5.23%	0.393%
5	4.875	315	321	331	rVB2	129729	229708	0.99%	0.074%
6	4.958	331	335	344	rBV	114542	197479	0.85%	0.064%
7	5.217	371	379	386	rBV	66611	133269	0.57%	0.043%
8	5.828	474	483	492	rVB	66897	156744	0.68%	0.051%
9	6.746	626	639	648	rBV	106041	253713	1.09%	0.082%
10	6.905	655	666	682	rVB	3136404	5508560	23.76%	1.786%
11	7.058	685	692	705	rBV	2368903	3757831	16.21%	1.218%
12	7.252	718	725	735	rBV	3124109	5136726	22.16%	1.665%
13	7.716	794	804	812	rBV	2041209	3392417	14.63%	1.100%
14	8.428	917	925	934	rBV	3710901	6181203	26.66%	2.004%
15	8.863	991	999	1009	rBV	3054062	5005400	21.59%	1.623%
16	8.999	1017	1022	1026	rBV	106582	158609	0.68%	0.051%
17	9.581	1111	1121	1132	rBV	2550879	4311589	18.60%	1.398%
18	10.122	1205	1213	1233	rVB	3986077	6865680	29.62%	2.226%
19	10.287	1233	1241	1248	rBV2	78853	182343	0.79%	0.059%
20	10.493	1267	1276	1281	rBV	3012509	5284933	22.80%	1.713%
21	10.540	1281	1284	1291	rVB	124535	187631	0.81%	0.061%
22	10.628	1291	1299	1311	rBV	951860	1886778	8.14%	0.612%
23	11.840	1498	1505	1515	rBV	1515214	2470729	10.66%	0.801%
24	12.016	1532	1535	1540	rVV	105187	173170	0.75%	0.056%
25	12.081	1540	1546	1551	rVV	86488	164093	0.71%	0.053%
26	12.151	1553	1558	1567	rVB	119379	206675	0.89%	0.067%
27	12.375	1591	1596	1604	rVB	137625	227959	0.98%	0.074%
28	12.998	1696	1702	1712	rVB	1306951	2009990	8.67%	0.652%
29	13.098	1714	1719	1725	rBV	82392	136632	0.59%	0.044%
30	13.175	1727	1732	1736	rBV	122656	178920	0.77%	0.058%
31	13.522	1782	1791	1797	rBV3	83529	220111	0.95%	0.071%
32	13.663	1809	1815	1819	rBV2	145870	254061	1.10%	0.082%
33	13.716	1819	1824	1826	rBV3	120524	186805	0.81%	0.061%
34	13.757	1826	1831	1836	rVV	6167249	8894434	38.37%	2.883%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

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-BN061918.M
Title : SVOA CALIBRATION

35	13.804	1836	1839	1844	rVB	1809739	2223460	9.59%	0.721%
36	14.040	1869	1879	1894	rBV	7535939	12314561	53.12%	3.992%
37	14.204	1902	1907	1912	rVB	814052	1108328	4.78%	0.359%
38	14.257	1912	1916	1920	rVB	269571	346370	1.49%	0.112%
39	14.345	1923	1931	1938	rBV2	4499449	6973884	30.08%	2.261%
40	14.410	1938	1942	1950	rVB	274746	449168	1.94%	0.146%
41	14.569	1961	1969	1977	rBV	2883408	4492941	19.38%	1.456%
42	14.710	1988	1993	1996	rBV2	219507	340480	1.47%	0.110%
43	14.745	1996	1999	2008	rVV2	248373	473878	2.04%	0.154%
44	14.875	2018	2021	2029	rVB3	100820	158853	0.69%	0.051%
45	15.157	2062	2069	2073	rBV3	148268	298976	1.29%	0.097%
46	15.210	2073	2078	2085	rVB2	573667	788664	3.40%	0.256%
47	15.345	2094	2101	2106	rBV	9391187	13896009	59.94%	4.504%
48	15.398	2106	2110	2117	rVB3	281355	410301	1.77%	0.133%
49	15.469	2117	2122	2128	rBV	1837628	2541260	10.96%	0.824%
50	15.569	2133	2139	2144	rBV3	332522	638300	2.75%	0.207%
51	15.692	2156	2160	2168	rVB3	184139	351124	1.51%	0.114%
52	15.798	2169	2178	2181	rBV2	254139	473340	2.04%	0.153%
53	15.834	2181	2184	2193	rVB2	210813	424180	1.83%	0.137%
54	15.922	2194	2199	2207	rVB4	68459	162223	0.70%	0.053%
55	16.075	2219	2225	2228	rBV2	663109	1032163	4.45%	0.335%
56	16.245	2251	2254	2258	rVB2	109696	131855	0.57%	0.043%
57	16.639	2317	2321	2323	rBV3	76014	131926	0.57%	0.043%
58	16.751	2335	2340	2347	rVB	727868	1067555	4.61%	0.346%
59	16.828	2350	2353	2355	rVV2	104189	140618	0.61%	0.046%
60	16.863	2356	2359	2363	rVV	430167	596797	2.57%	0.193%
61	16.916	2364	2368	2374	rVV2	339763	641237	2.77%	0.208%
62	16.969	2374	2377	2381	rVB	266445	322716	1.39%	0.105%
63	17.092	2389	2398	2402	rBV	5005991	8202126	35.38%	2.659%
64	17.139	2402	2406	2410	rVB	5761405	7757556	33.46%	2.515%
65	17.198	2410	2416	2420	rBV	9525017	14321244	61.78%	4.642%
66	17.286	2426	2431	2436	rBV2	208624	355918	1.54%	0.115%
67	17.469	2459	2462	2463	rBV2	147059	151047	0.65%	0.049%
68	17.498	2463	2467	2471	rVB	552134	747742	3.23%	0.242%
69	17.610	2481	2486	2490	rBV2	428031	706031	3.05%	0.229%
70	17.675	2493	2497	2505	rVB4	290378	454919	1.96%	0.147%
71	17.969	2543	2547	2550	rBV	605894	888111	3.83%	0.288%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

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-BN061918.M
Title : SVOA CALIBRATION

72	18.004	2550	2553	2560	rVV2	2405779	4499565	19.41%	1.459%
73	18.069	2560	2564	2573	rVV	2057648	3159514	13.63%	1.024%
74	18.163	2575	2580	2584	rVV2	821450	1557997	6.72%	0.505%
75	18.198	2584	2586	2593	rVB	525544	692934	2.99%	0.225%
76	18.292	2600	2602	2605	rBV	177986	212309	0.92%	0.069%
77	18.475	2630	2633	2636	rVB	440671	496530	2.14%	0.161%
78	18.516	2636	2640	2645	rVB	1154646	1570796	6.78%	0.509%
79	18.722	2671	2675	2679	rVB	1030875	1284283	5.54%	0.416%
80	18.898	2702	2705	2709	rBV2	425053	555130	2.39%	0.180%
81	18.939	2709	2712	2717	rVB3	389277	555495	2.40%	0.180%
82	19.033	2725	2728	2735	rVB	754010	1060960	4.58%	0.344%
83	19.157	2744	2749	2755	rVB	8846808	12183923	52.56%	3.949%
84	19.222	2757	2760	2764	rVB2	741178	791747	3.42%	0.257%
85	19.292	2769	2772	2778	rBV4	741975	1288237	5.56%	0.418%
86	19.445	2795	2798	2801	rVB	624793	678422	2.93%	0.220%
87	19.498	2801	2807	2809	rBV	10688577	15879406	68.50%	5.147%
88	19.522	2809	2811	2820	rVB	7252885	9706238	41.87%	3.146%
89	19.639	2827	2831	2836	rVB	2490384	2963029	12.78%	0.960%
90	20.151	2914	2918	2924	rBV	3523487	5370343	23.17%	1.741%
91	20.439	2963	2967	2970	rBV	3435875	4956338	21.38%	1.607%
92	20.551	2983	2986	2989	rBV	1545078	1744171	7.52%	0.565%
93	20.592	2989	2993	2999	rVB	11161969	13231431	57.08%	4.289%
94	20.916	3043	3048	3056	rBV2	16799425	23182433	100.00%	7.515%
95	21.022	3062	3066	3071	rBV2	3203123	4267329	18.41%	1.383%
96	21.292	3107	3112	3116	rBV3	5805629	10794040	46.56%	3.499%
97	21.333	3116	3119	3126	rVB	3660603	5073359	21.88%	1.645%
98	22.869	3377	3380	3386	rBV2	2794379	4717724	20.35%	1.529%
99	23.404	3467	3471	3475	rBV	4245701	6808769	29.37%	2.207%
100	24.439	3642	3647	3661	rVB2	5201588	12596584	54.34%	4.083%

Sum of corrected areas: 308497778

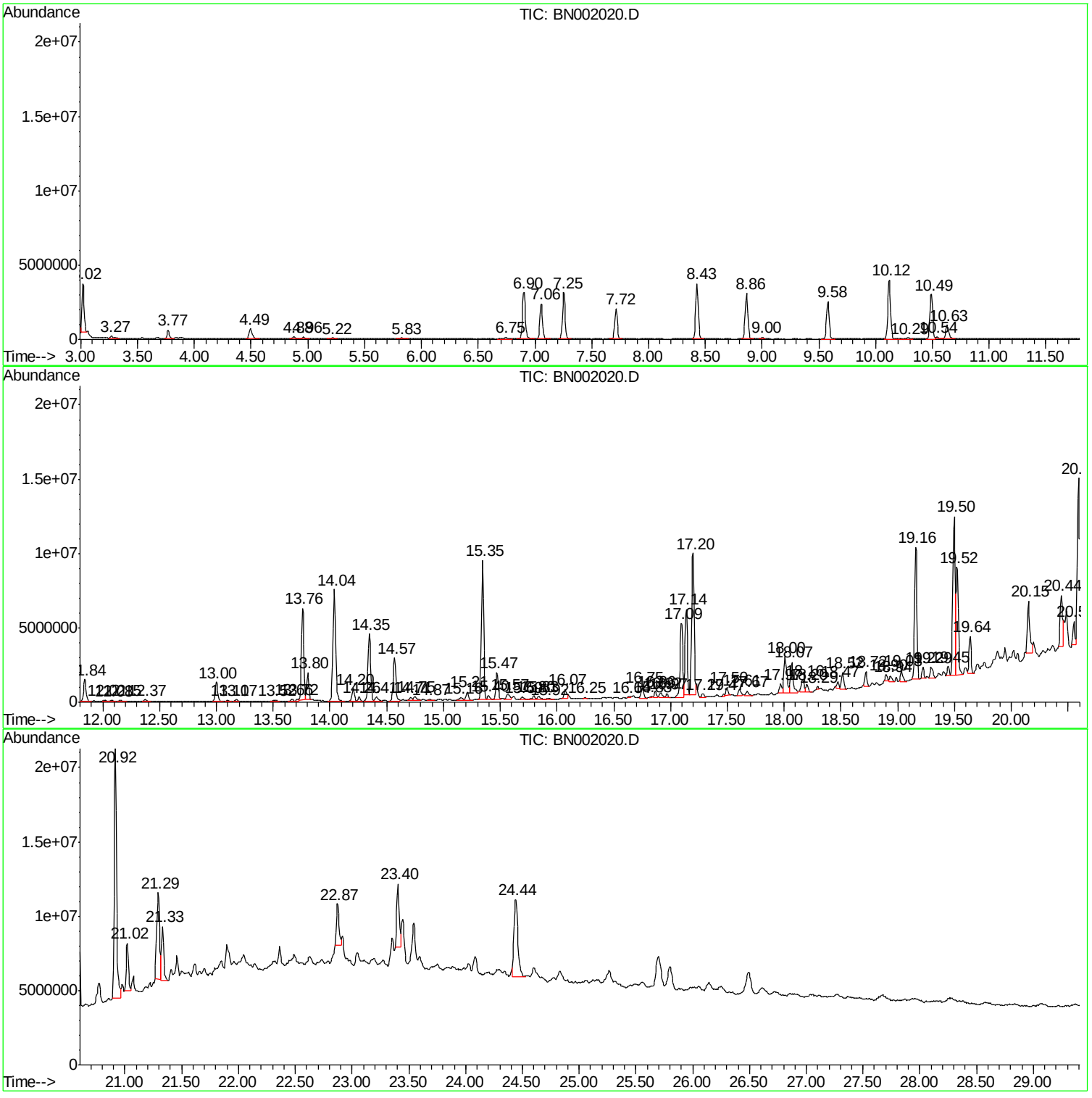
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

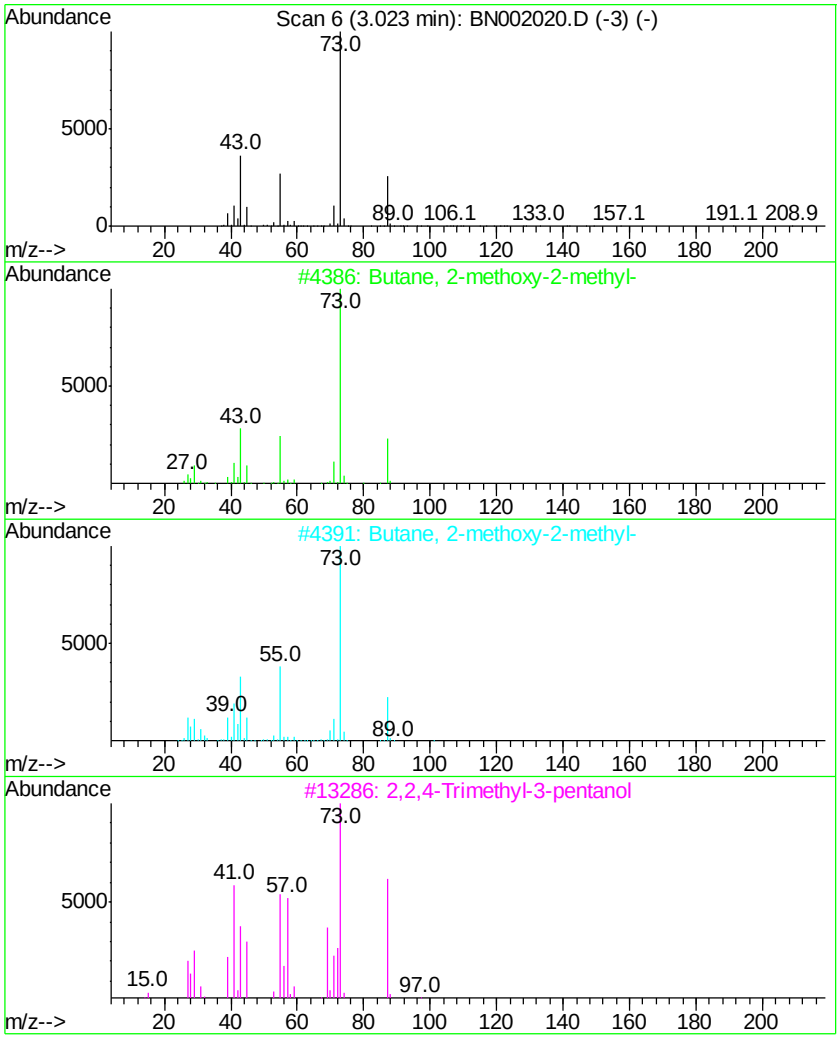
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

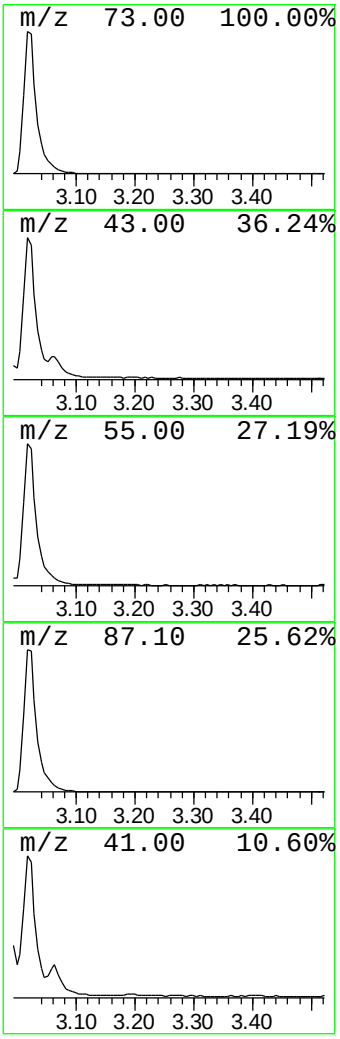
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	23.08 ng/ul	3915420	1,4-Dichlorobenzene-d4	7.72

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	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

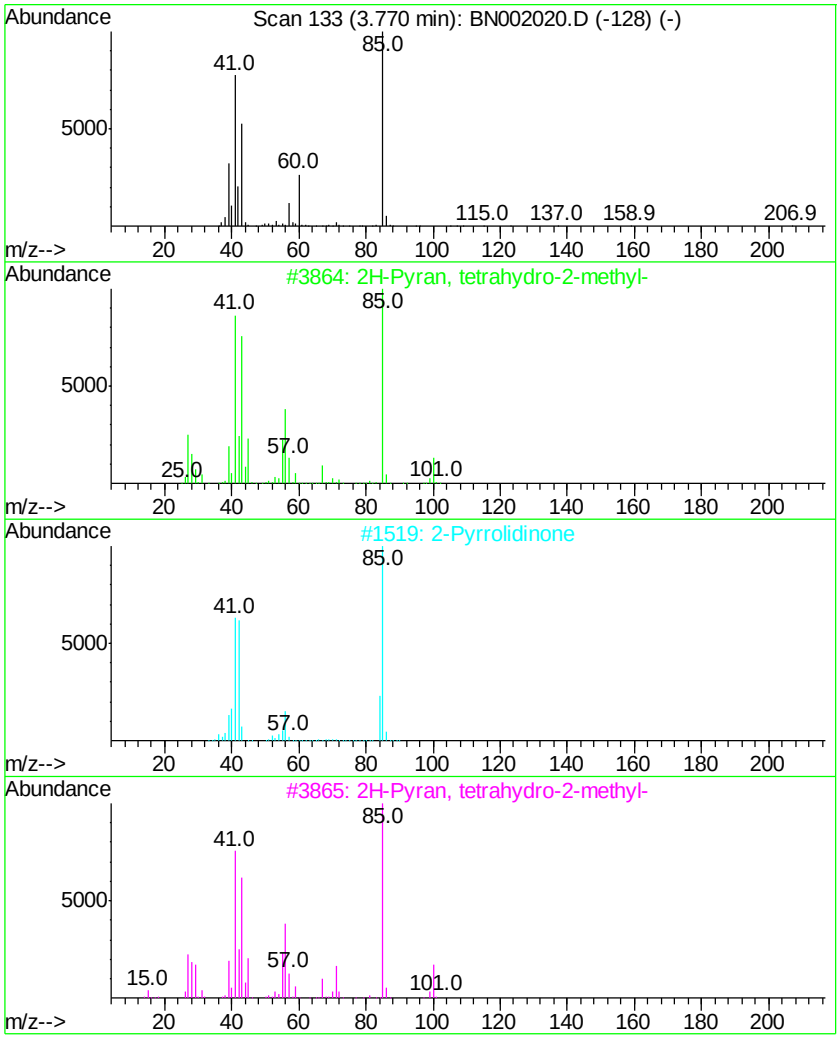
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

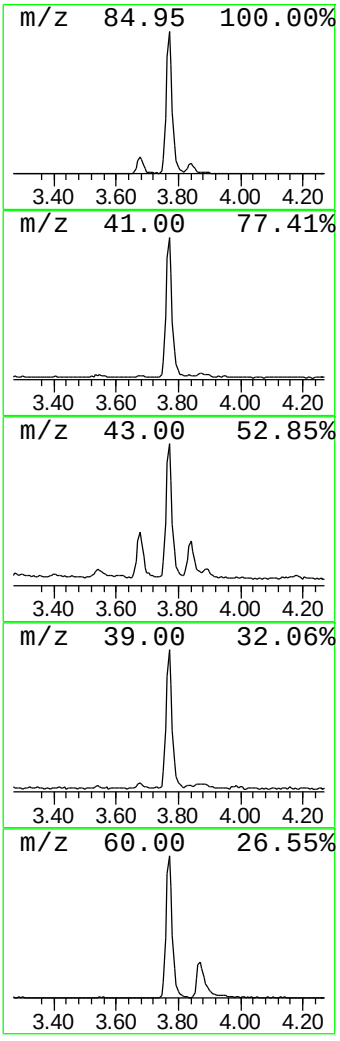
****

Peak Number 2 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	4.69 ng/ul	796119	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	64
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
5	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

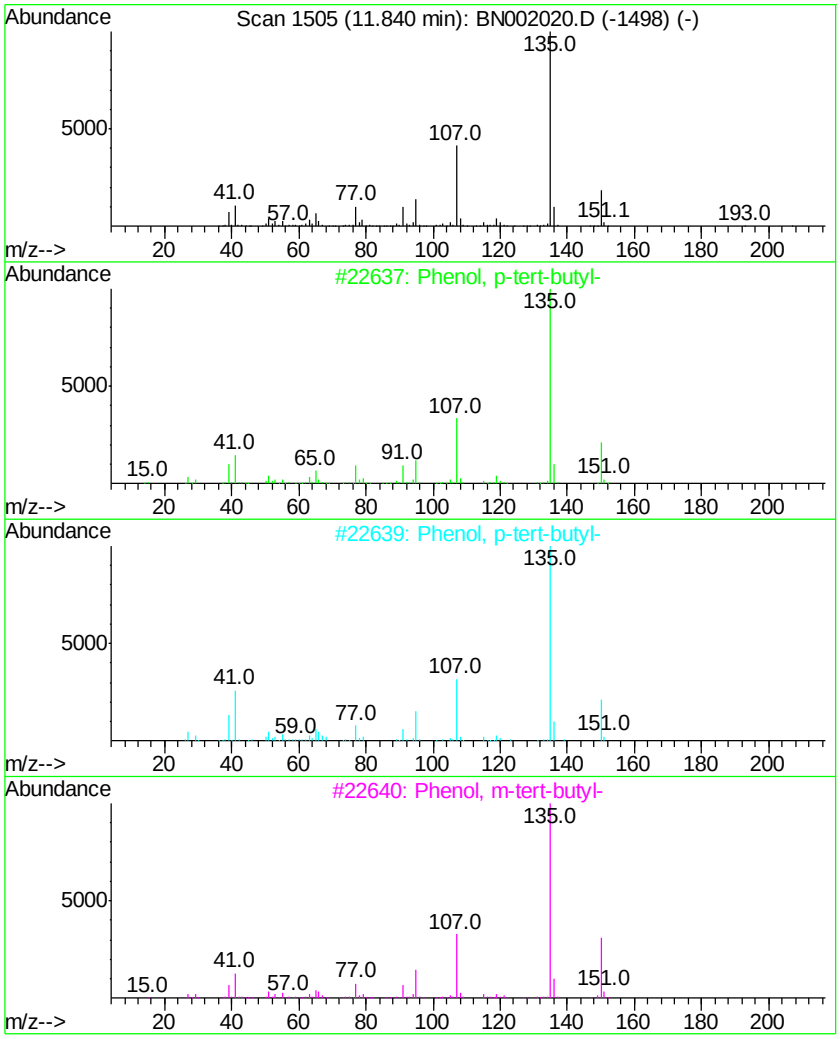
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

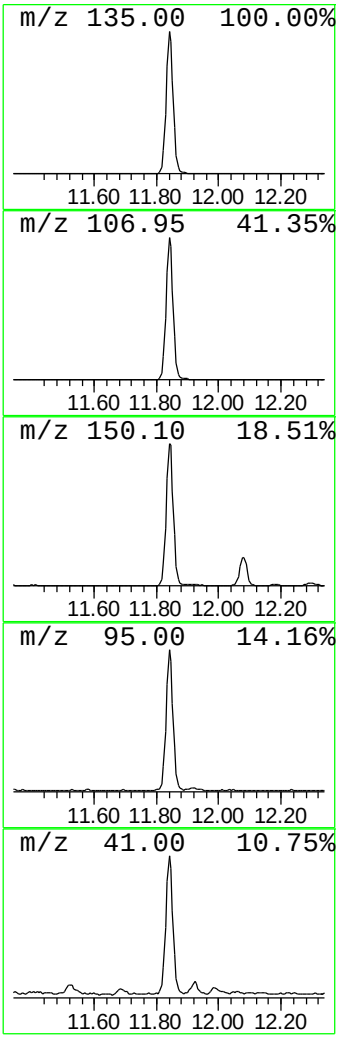
****

Peak Number 4 Phenol, p-tert-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	9.35 ng/ul	2470730	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	86
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	55
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

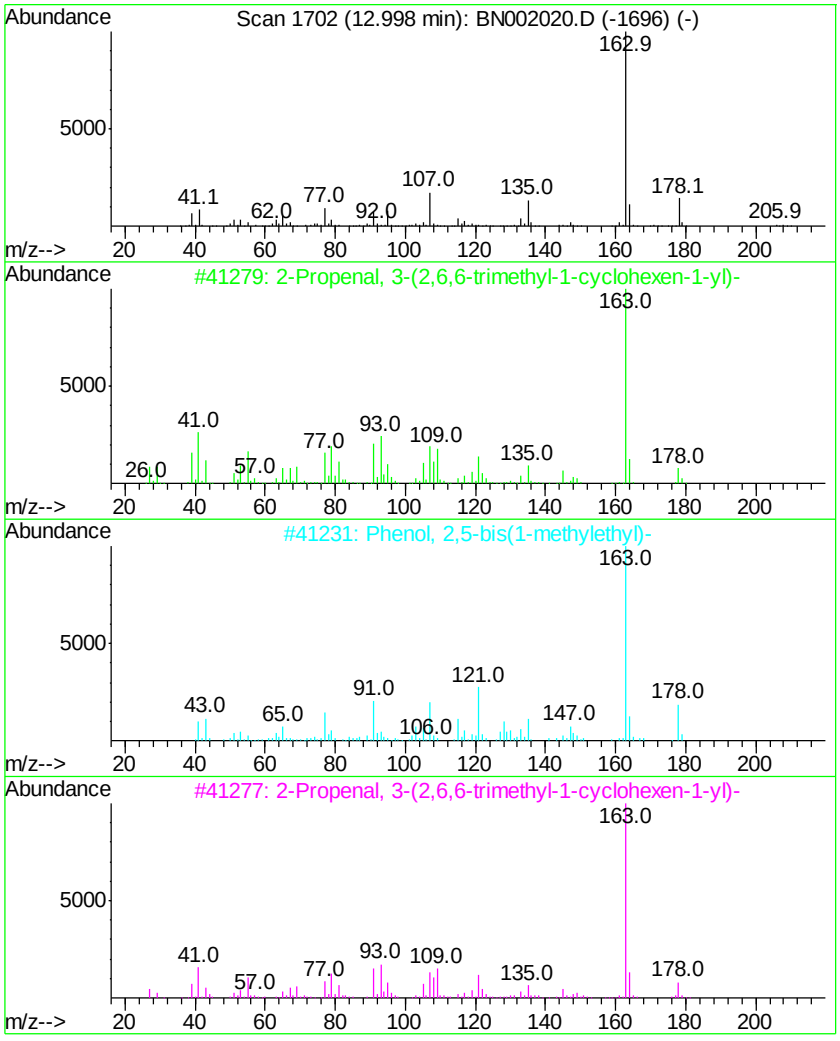
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

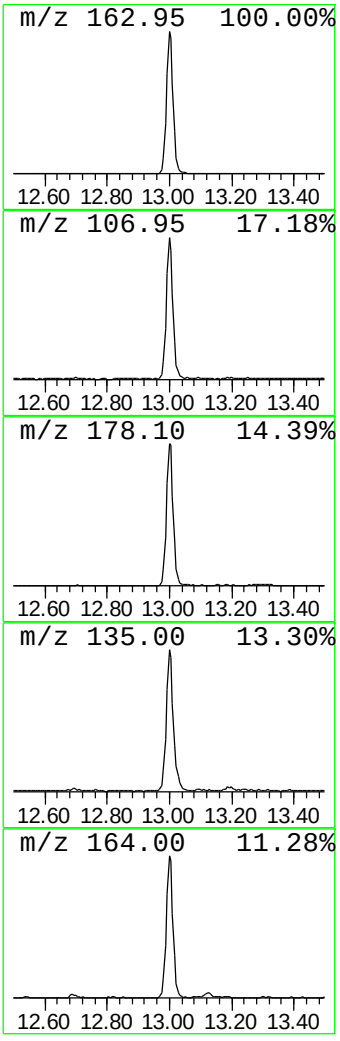
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propenal, 3-(2,6,6-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.76 ng/ul	2009990	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	72
2	Phenol, 2,5-bis(1-methylethyl)-	178	C12H18O	035946-91-9	72
3	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	72
4	1-Ethyl-3-propyladamantane	206	C15H26	019385-94-5	64
5	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

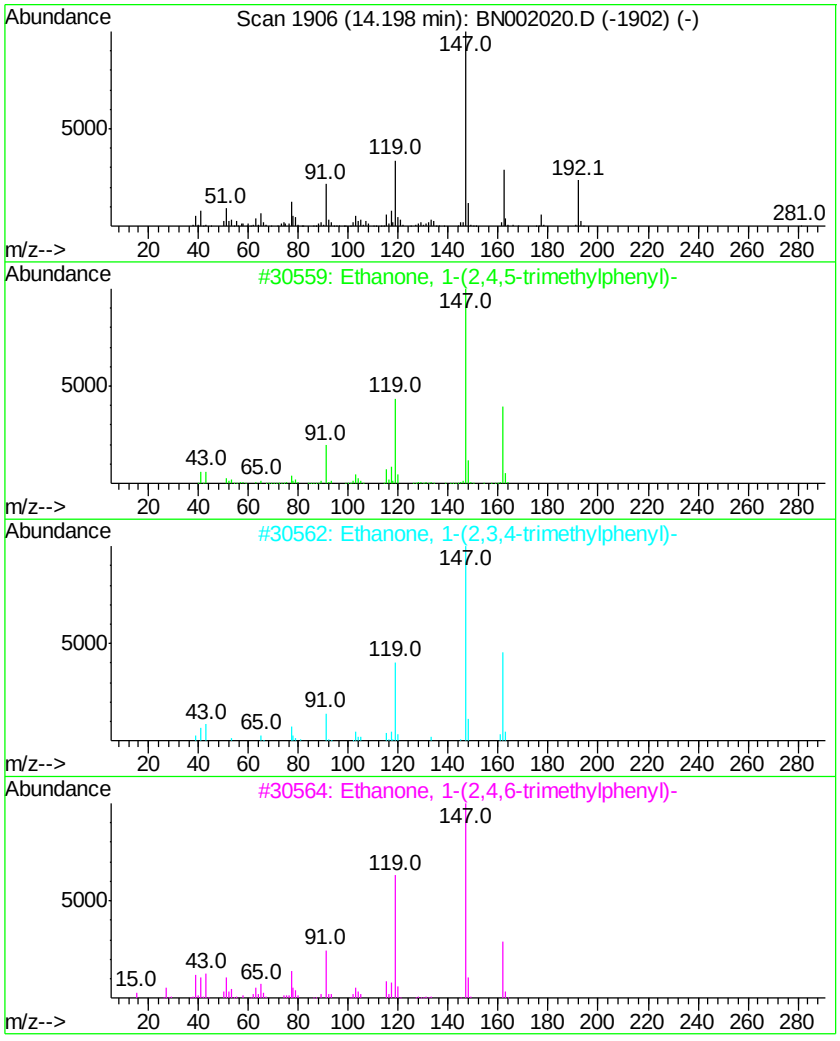
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

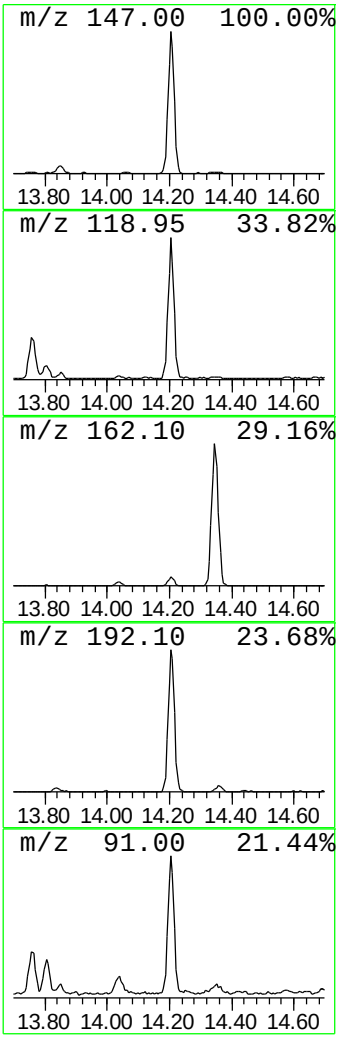
****

Peak Number 6 Ethanone, 1-(2,4,5-trimethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.18 ng/ul	1108330	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4,5-trimethylphen...	162	C11H14O	002040-07-5	95
2	Ethanone, 1-(2,3,4-trimethylphen...	162	C11H14O	001467-36-3	94
3	Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	91
4	Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	91
5	Ethanone, 1-(2,3,4-trimethylphen...	162	C11H14O	001467-36-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

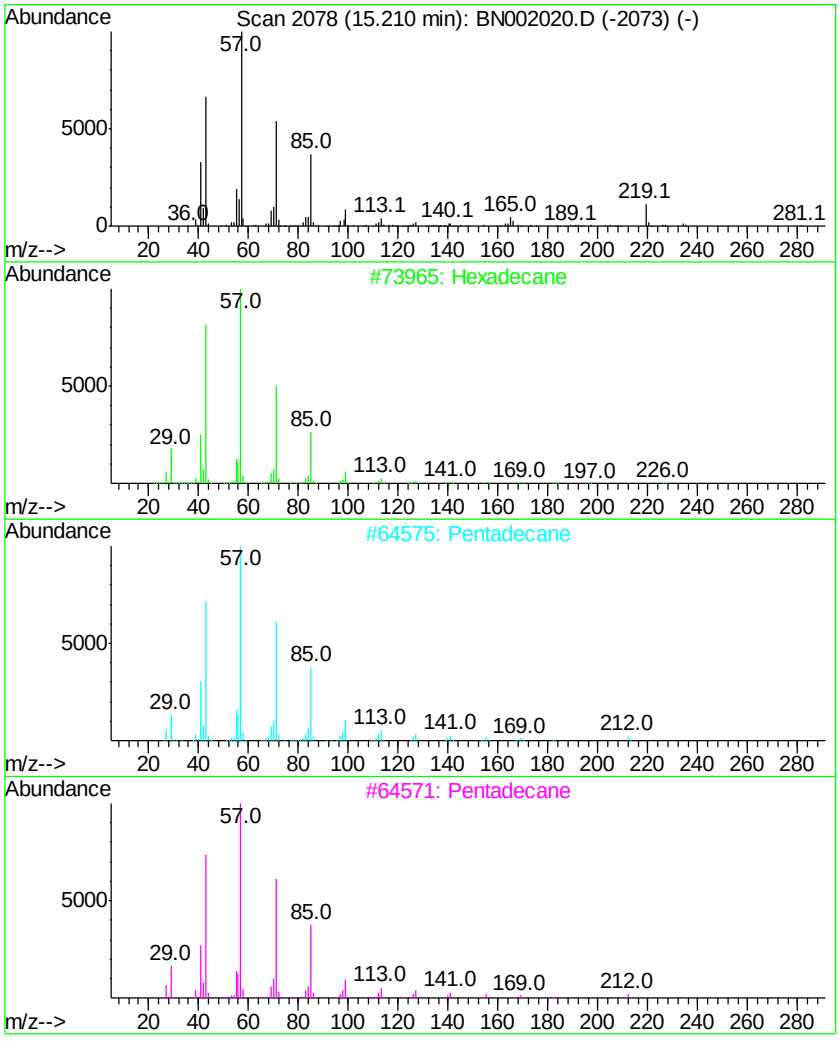
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

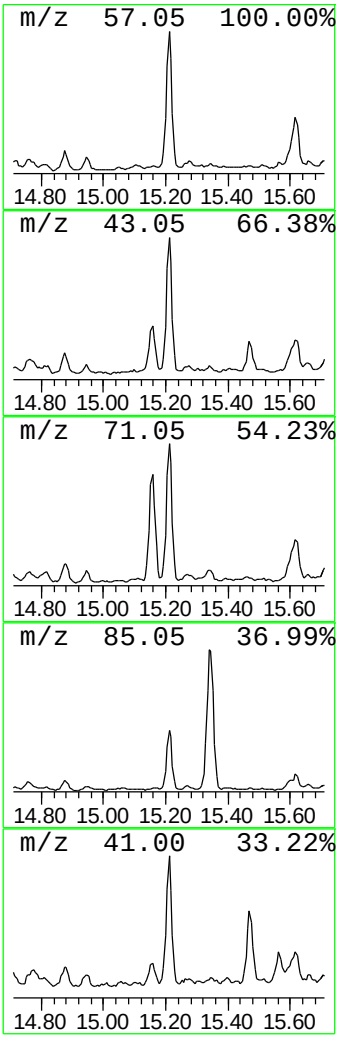
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	2.26 ng/ul	788664	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

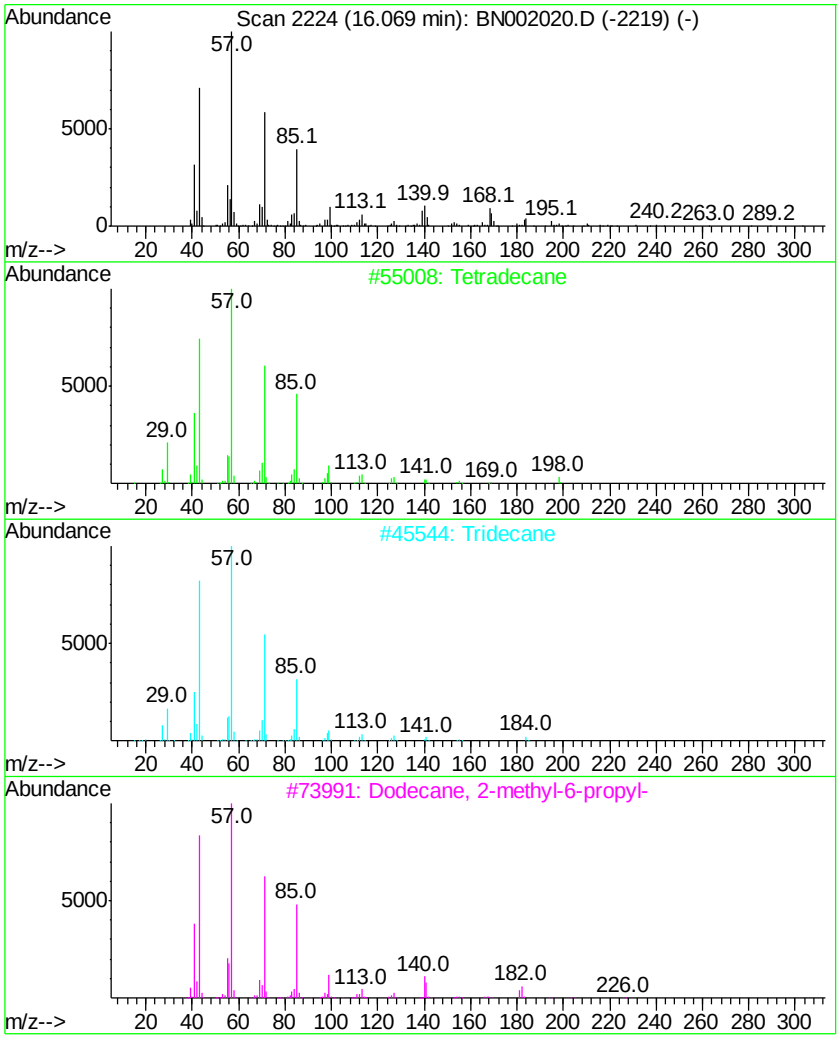
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

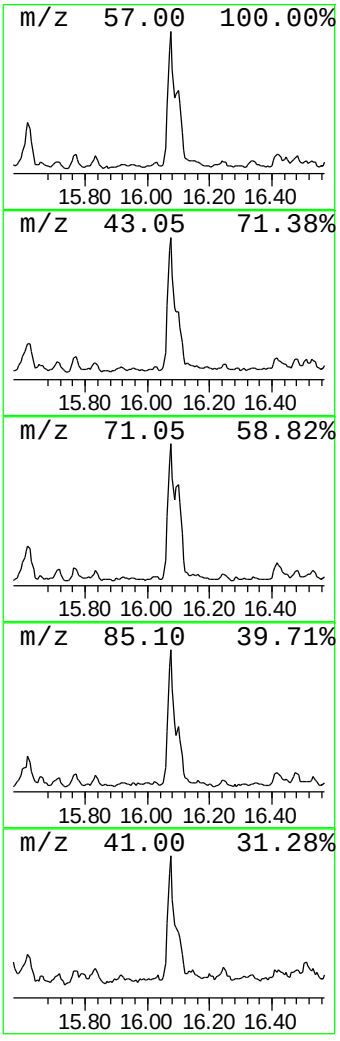
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.52 ng/ul	1032160	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Eicosane	282	C20H42	000112-95-8	76
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

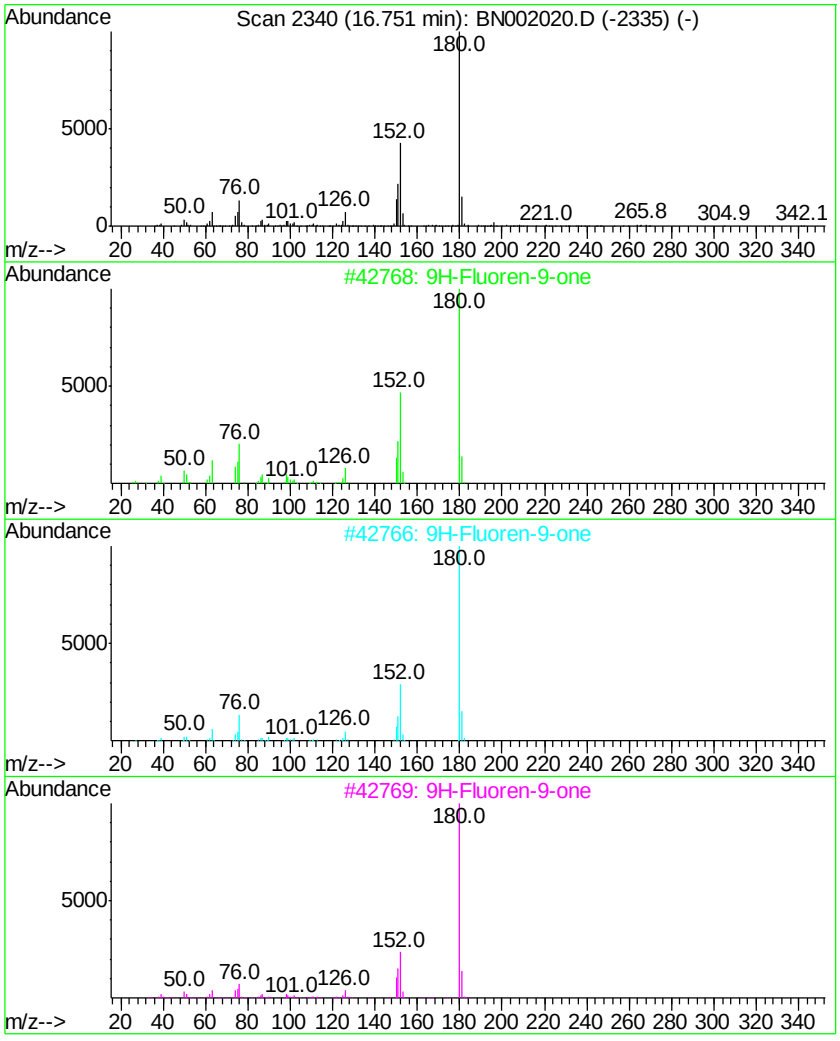
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

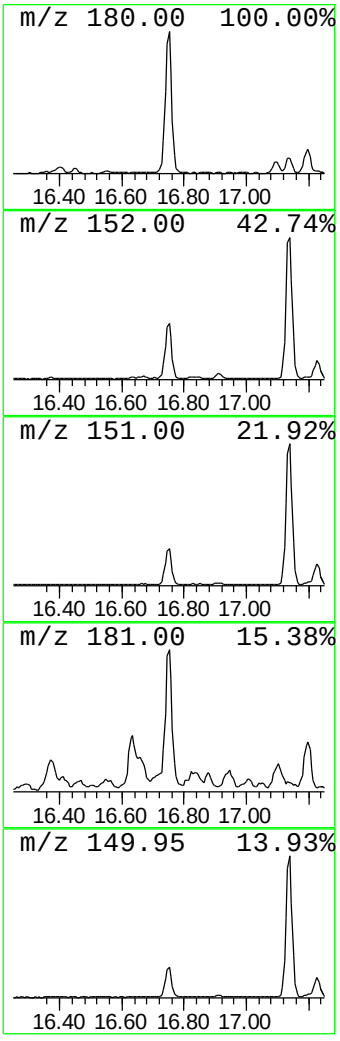
****

Peak Number 9 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	2.60 ng/ul	1067560	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

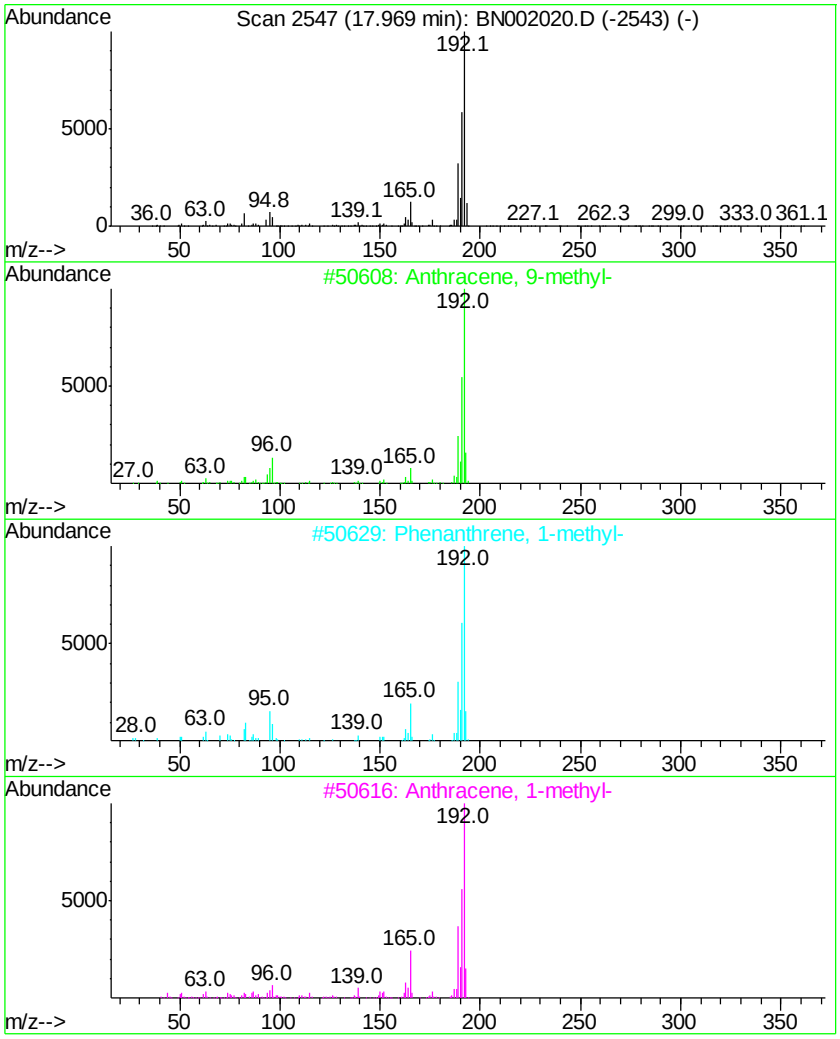
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

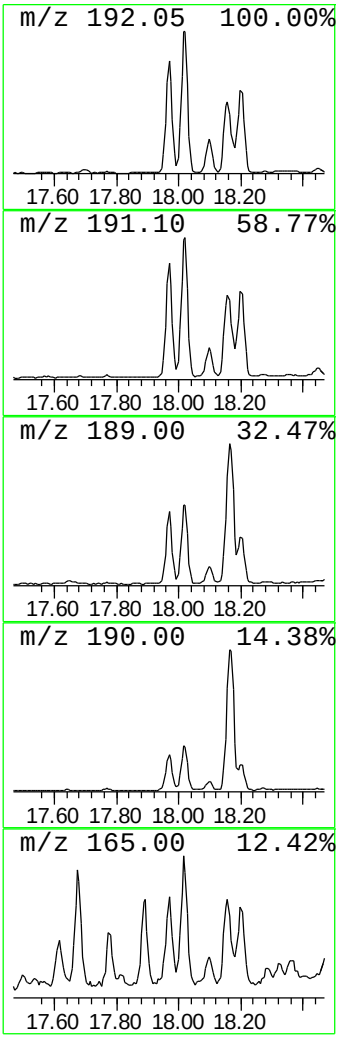
****

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.17 ng/ul	888111	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

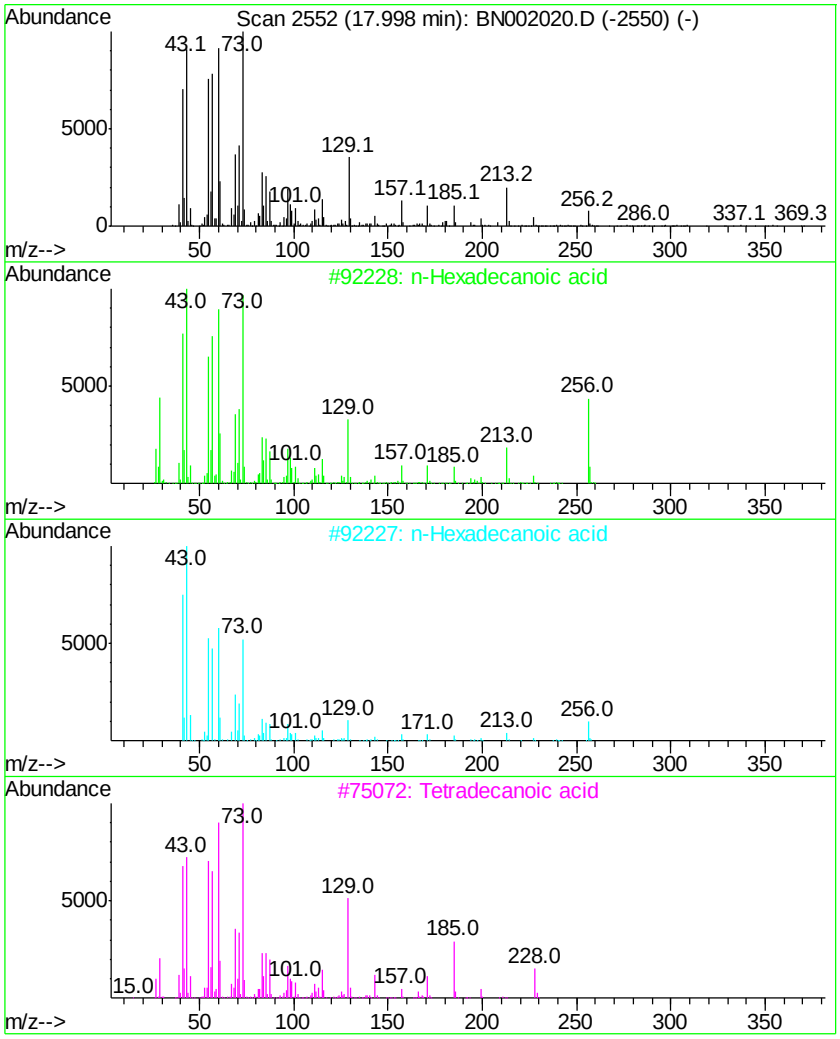
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

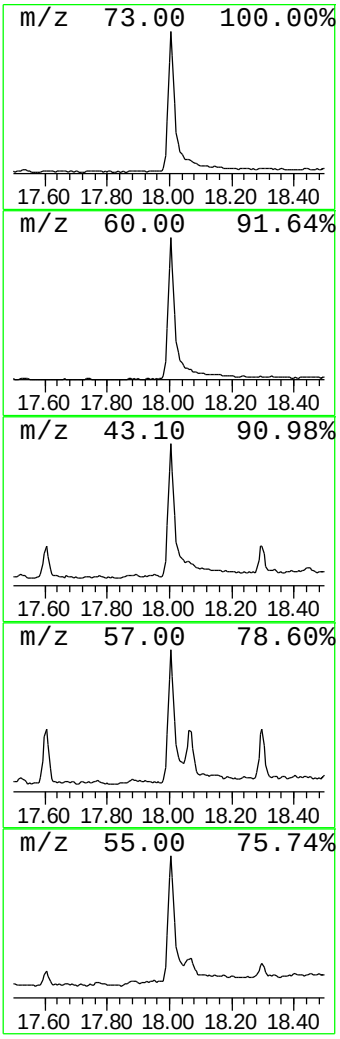
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	10.97 ng/ul	4499570	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

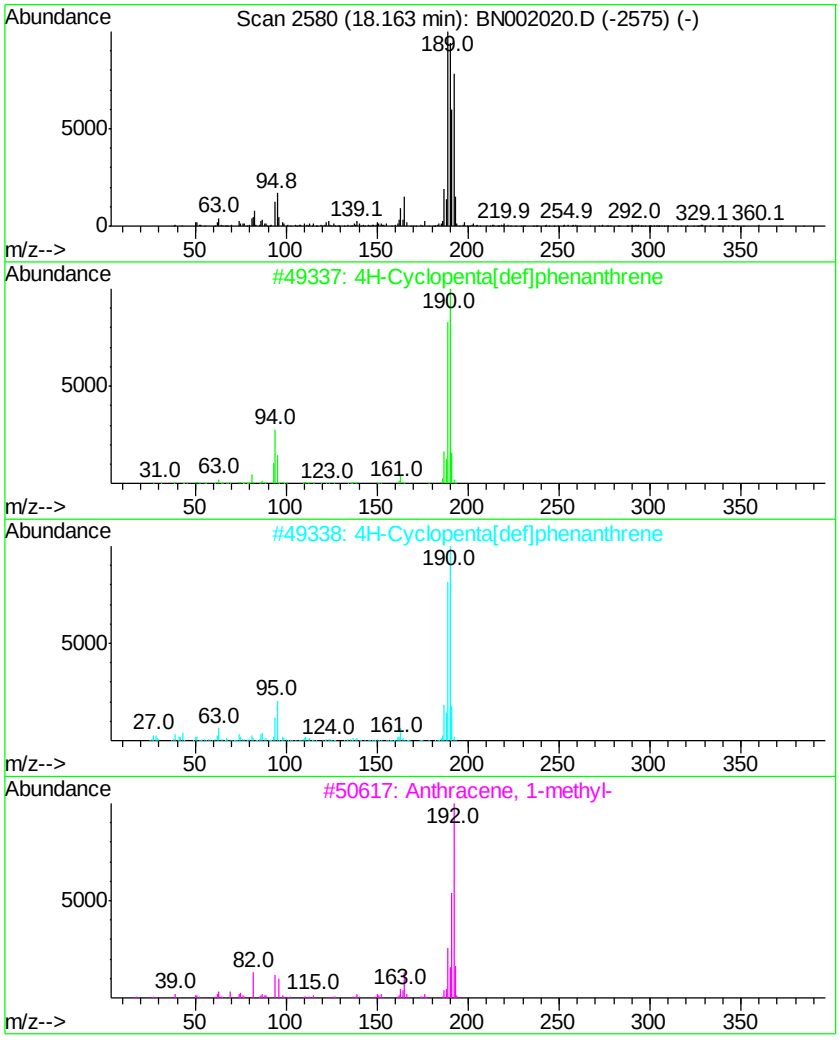
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

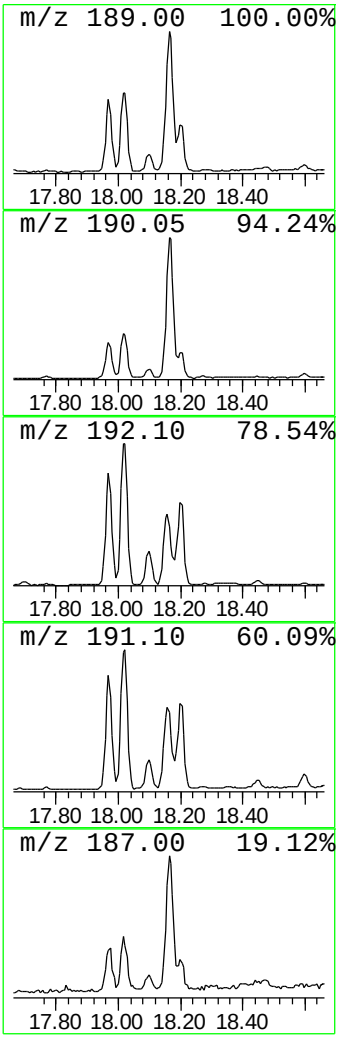
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.80 ng/ul	1558000	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

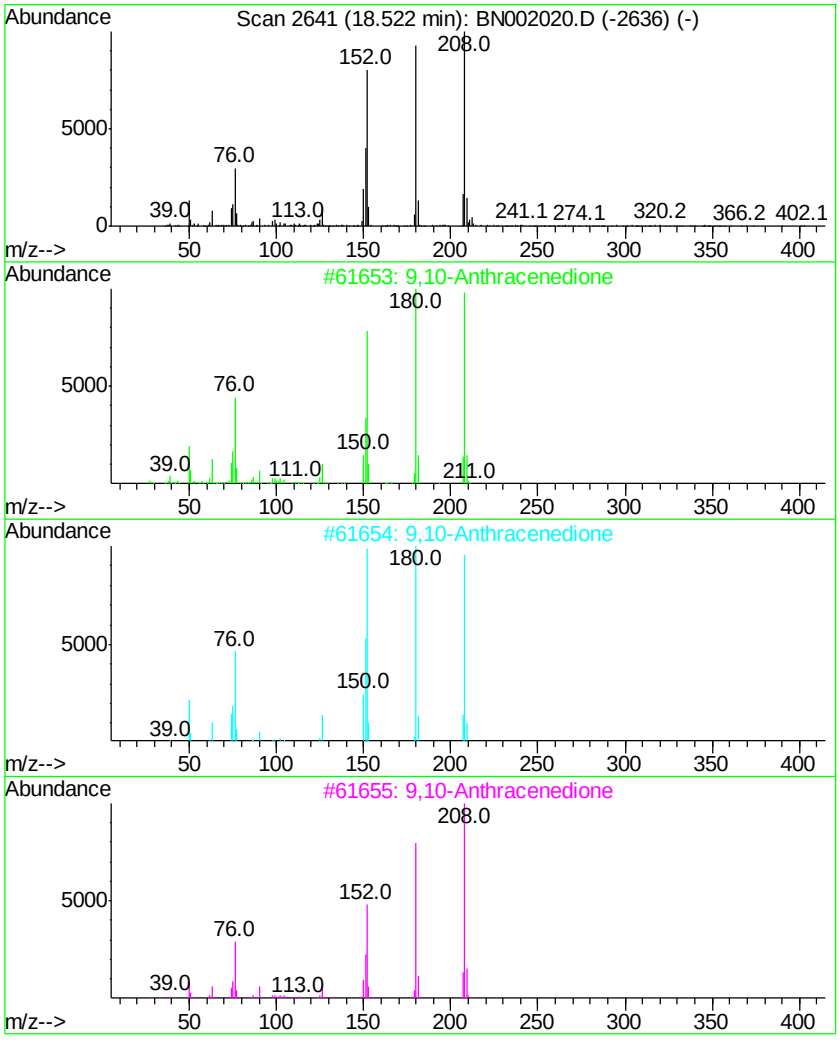
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

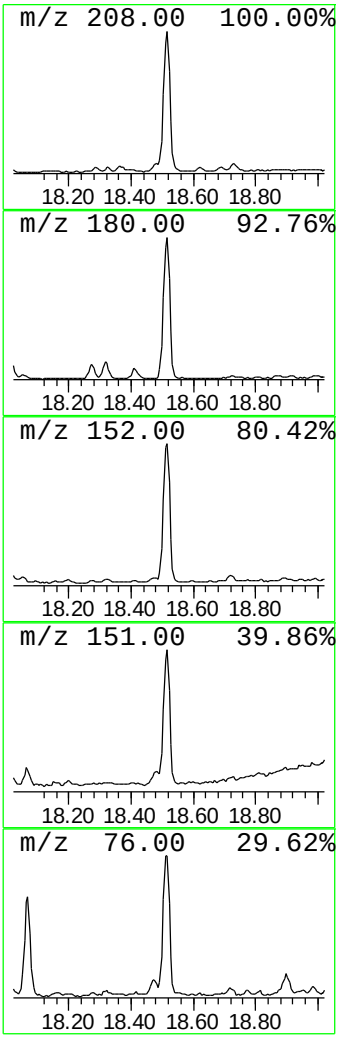
****

Peak Number 13 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.83 ng/ul	1570800	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

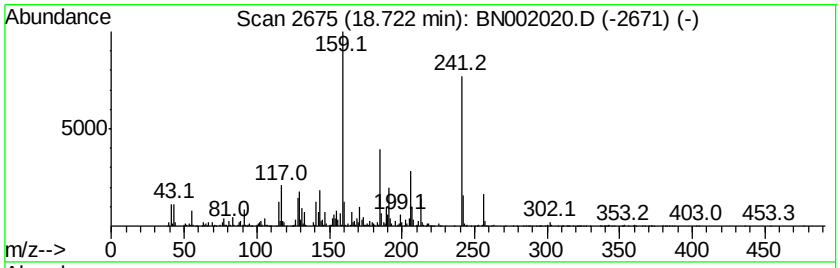
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

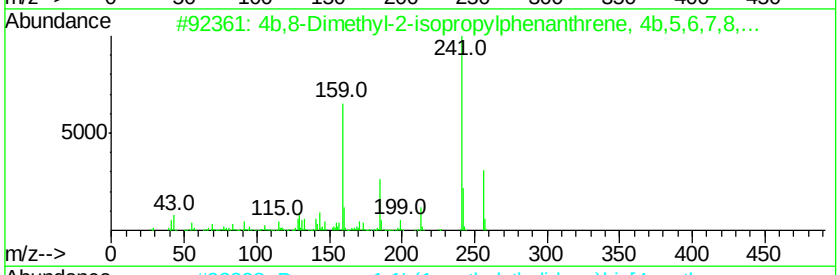
****

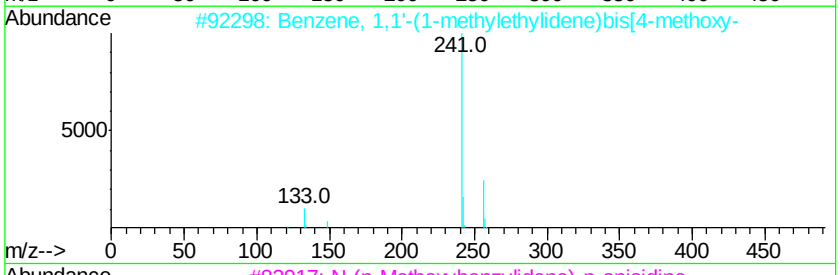
Peak Number 14 4b,8-Dimethyl-2-isopropylph... Concentration Rank 18

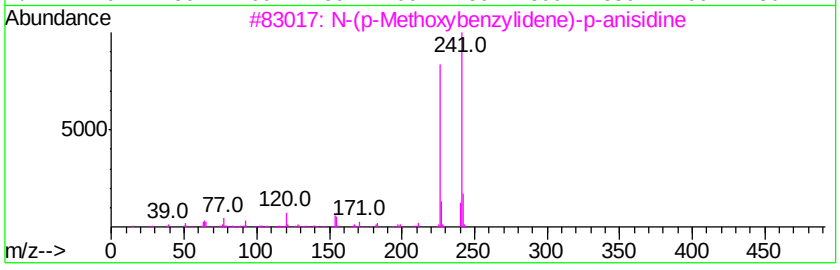
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.13 ng/ul	1284280	Phenanthrene-d10	17.09

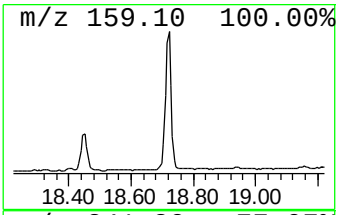
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	22
3	N-(p-Methoxybenzylidene)-p-anisi...	241	C15H15NO2	001749-08-2	18
4	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	18
5	Dihydronormorphine, 3,6-dideoxy-	241	C16H19NO	1000129-30-2	18

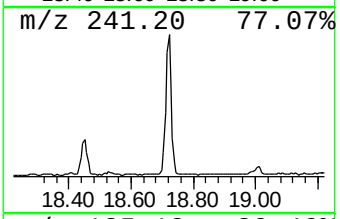


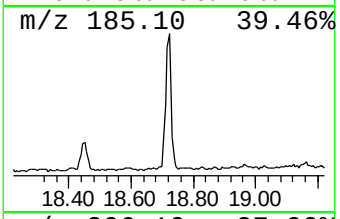


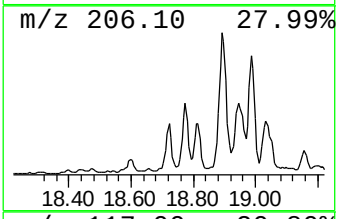


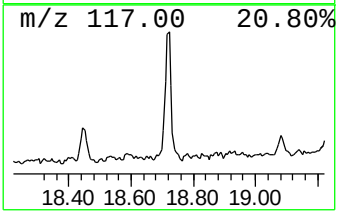












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

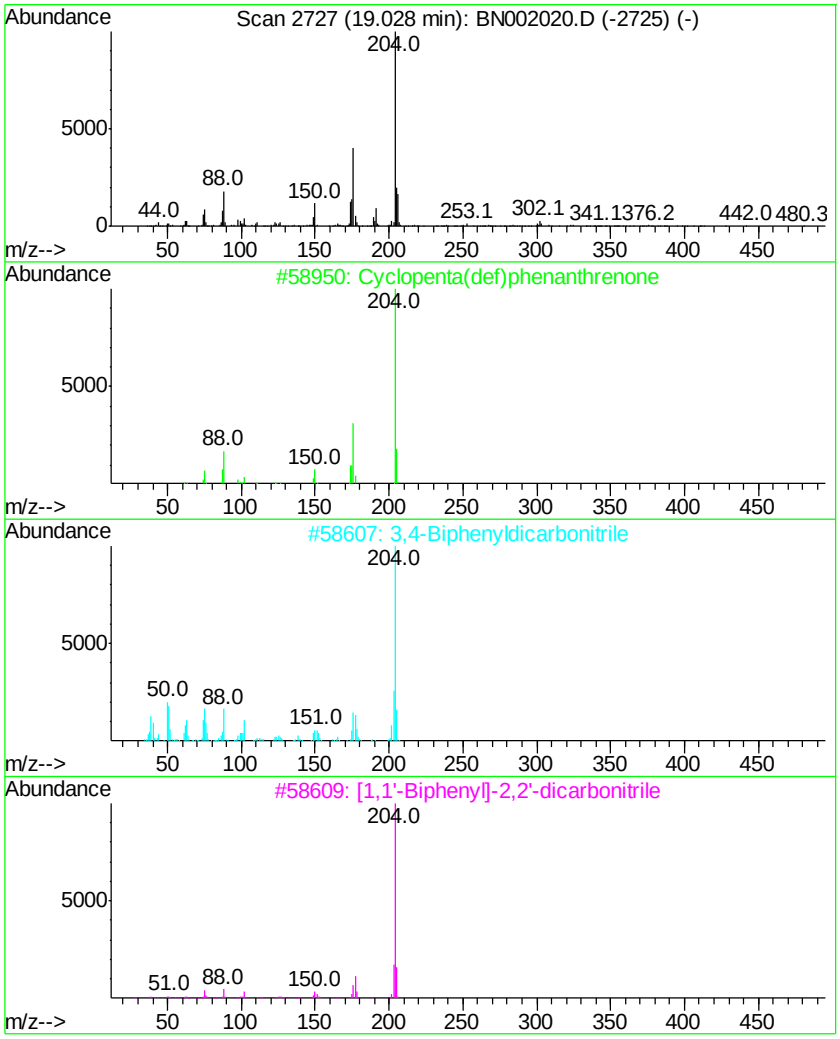
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

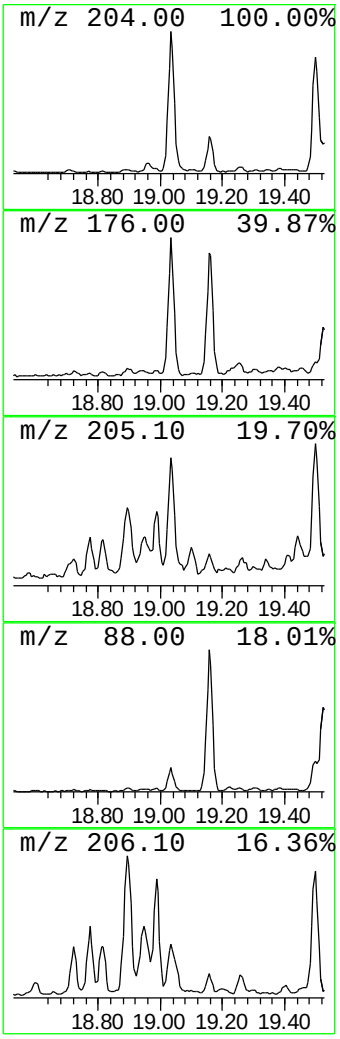
****

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.59 ng/ul	1060960	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	.alpha.-l-Mannopyranoside, methy...	394	C16H38O5Si3	056271-60-4	43
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

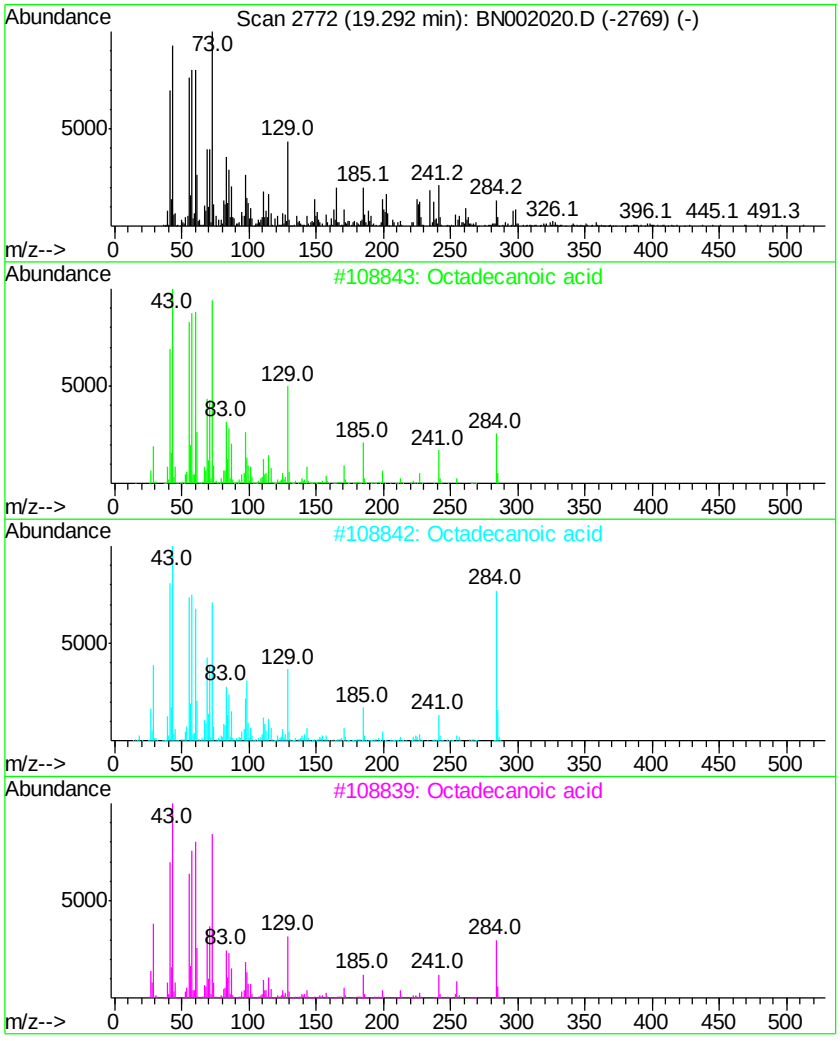
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

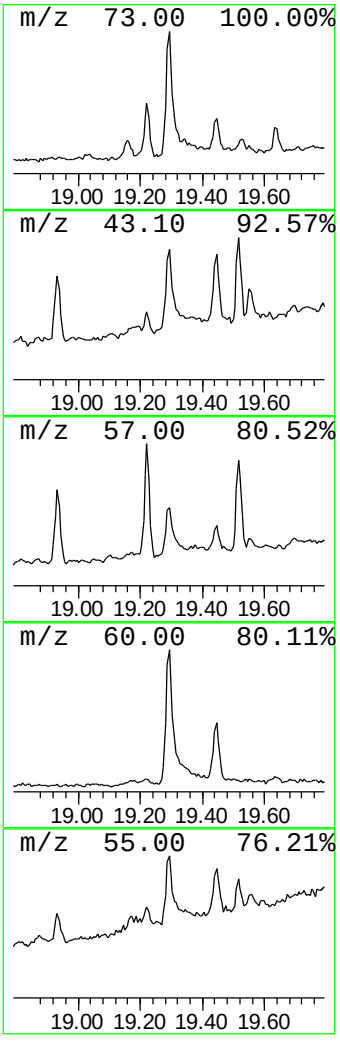
****

Peak Number 16 Octadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.39 ng/ul	1288240	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Nonadecanoic acid	298	C19H38O2	000646-30-0	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

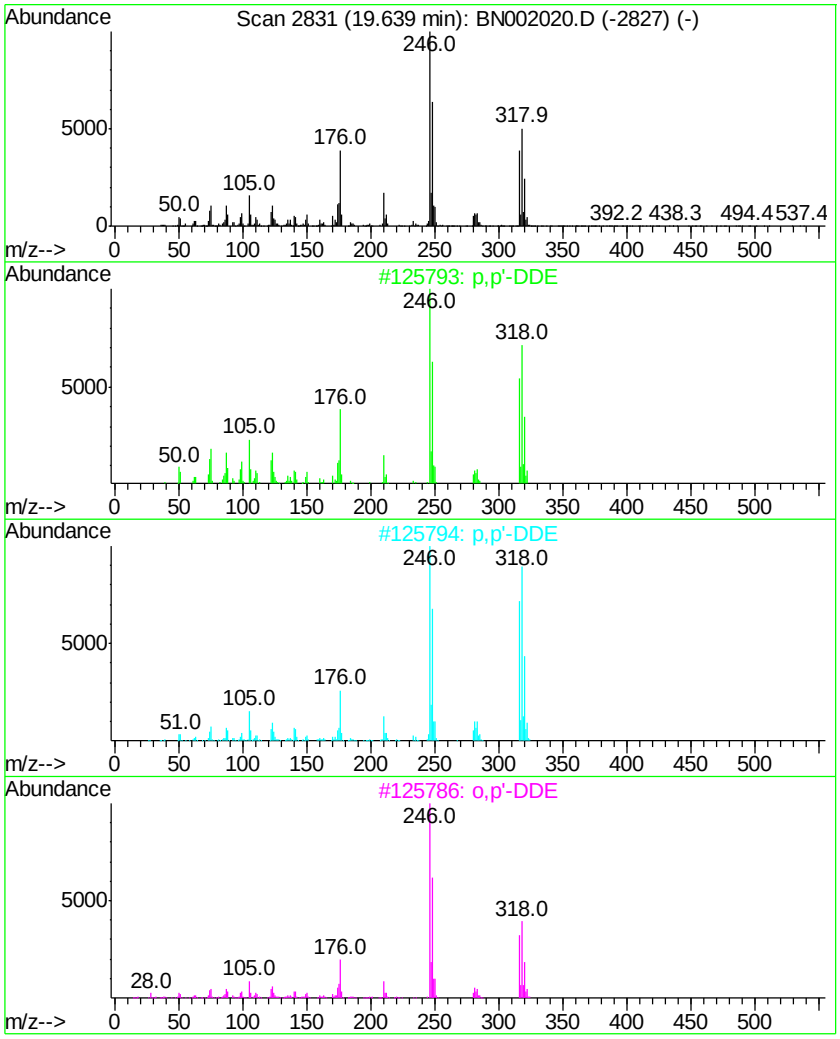
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

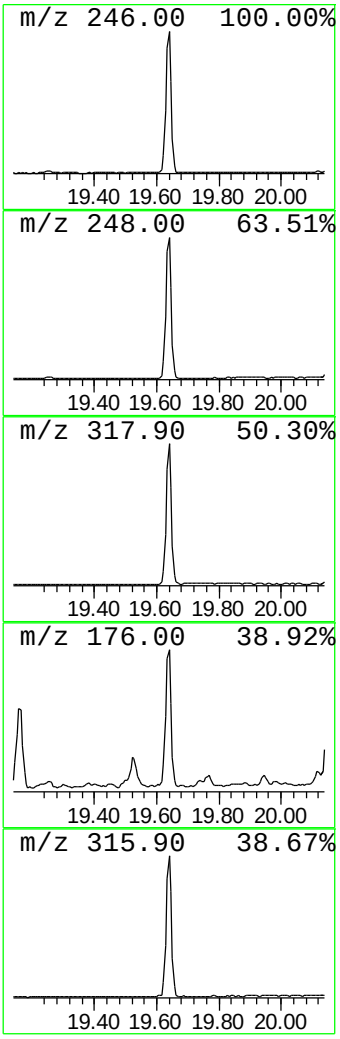
****

Peak Number 17 p,p'-DDE Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	5.49 ng/ul	2963030	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
2	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
3	o,p'-DDE	316	C14H8Cl4	003424-82-6	99
4	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
5	p,p'-DDE	316	C14H8Cl4	000072-55-9	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

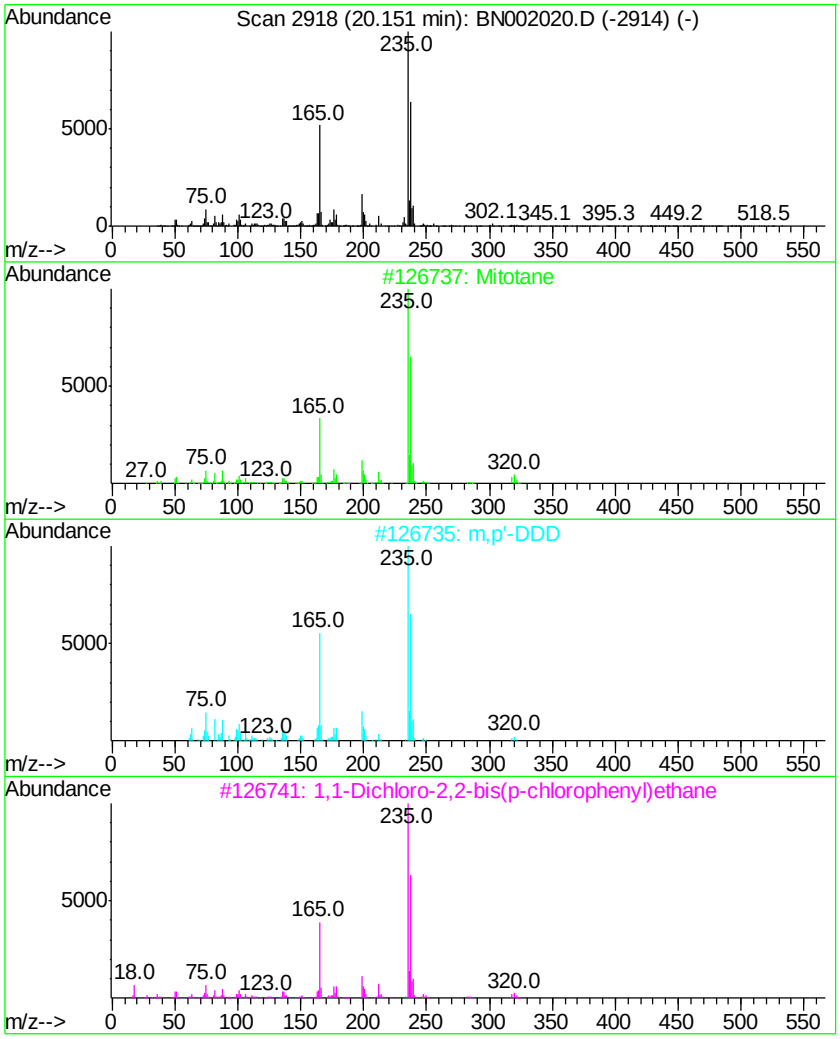
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

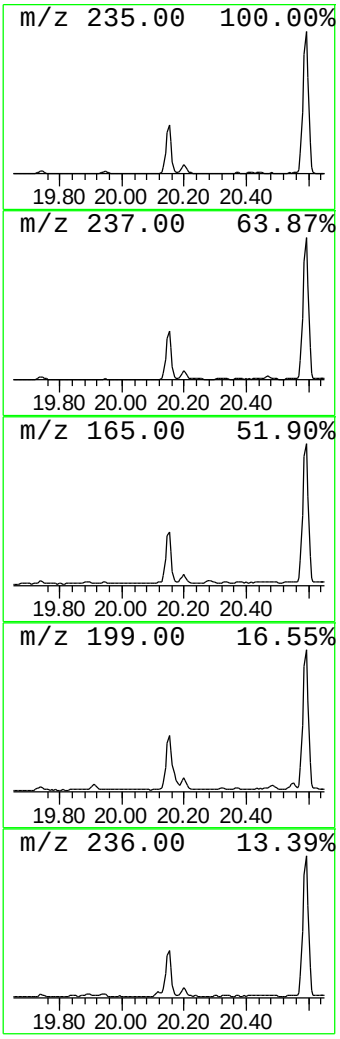
****

Peak Number 18 Mitotane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	9.95 ng/ul	5370340	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	96
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	93
3	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	90
4	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	87
5	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

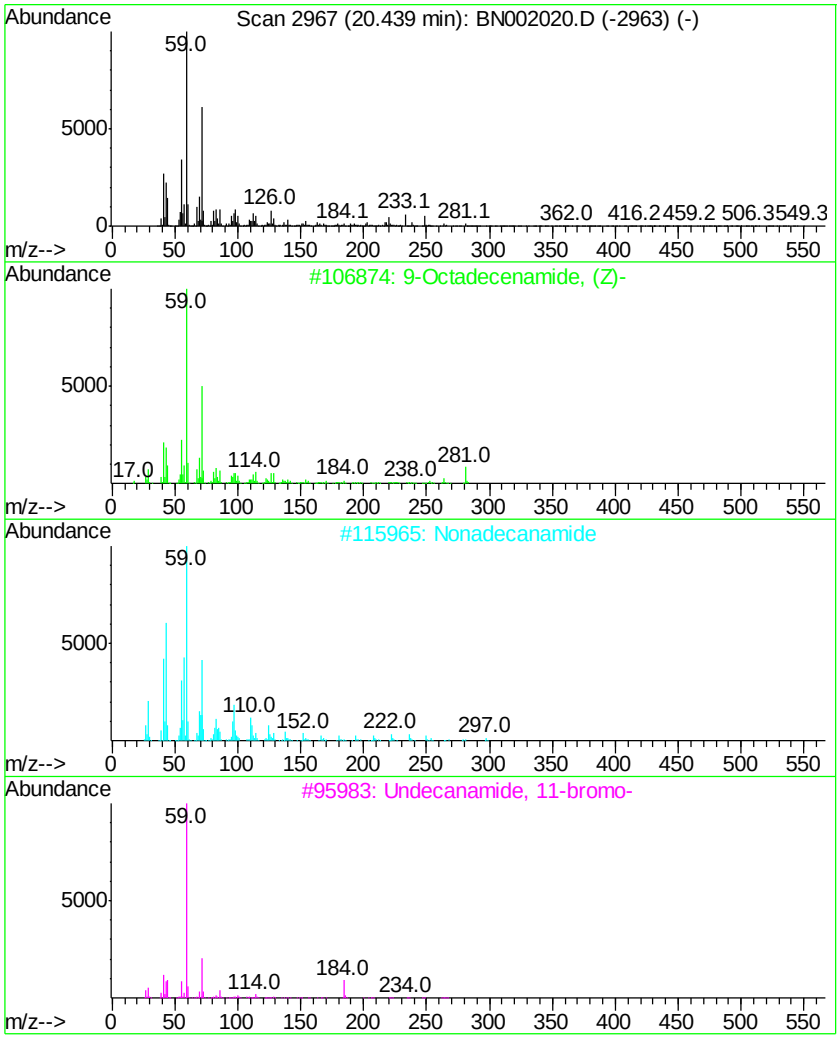
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

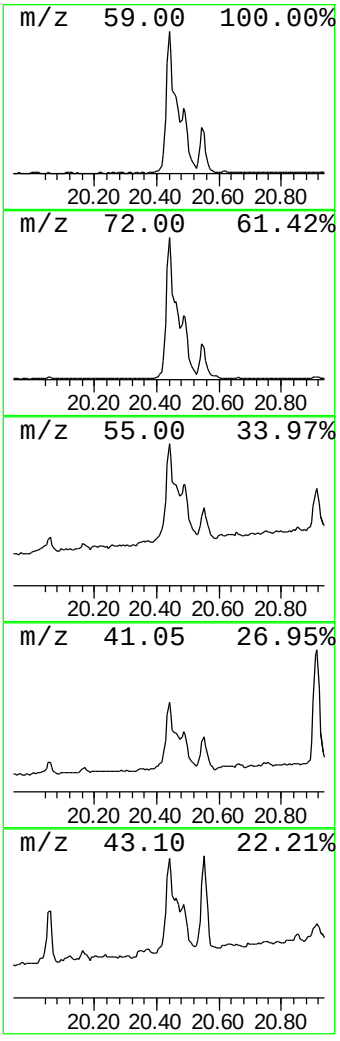
****

Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	9.18 ng/ul	4956340	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	Nonadecanamide	297	C19H39NO	058185-32-3	56
3	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	53
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
5	Nonanamide	157	C9H19NO	001120-07-6	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

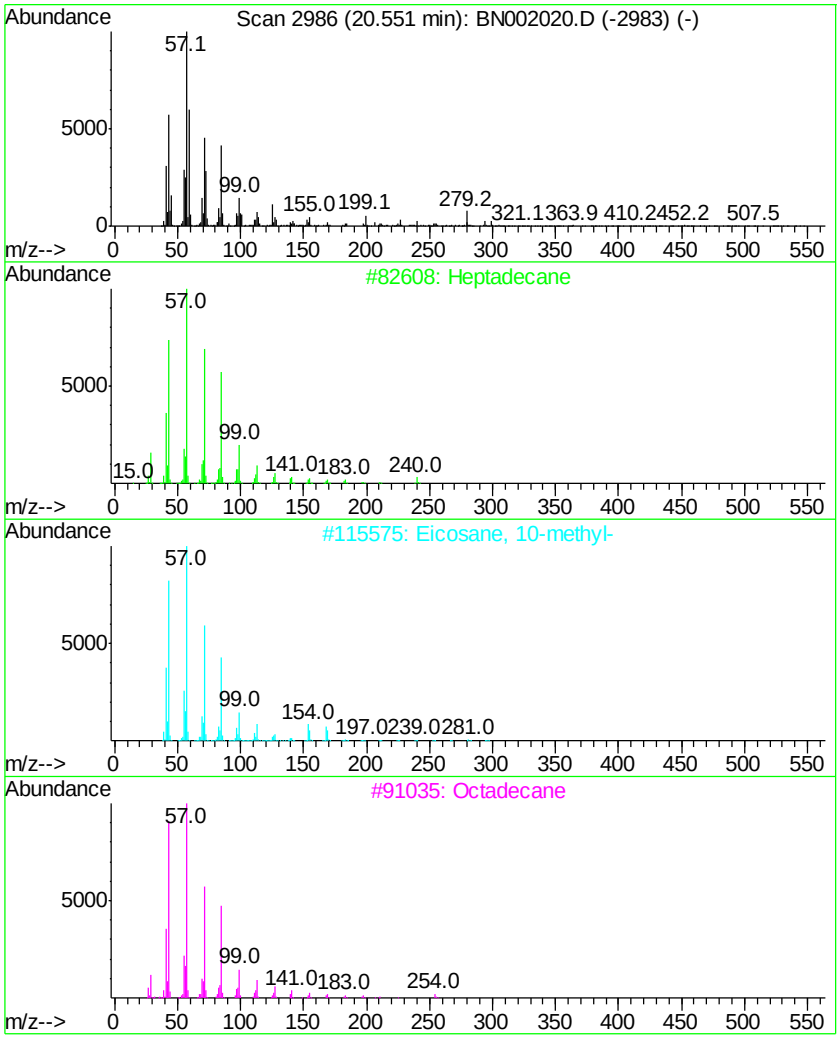
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

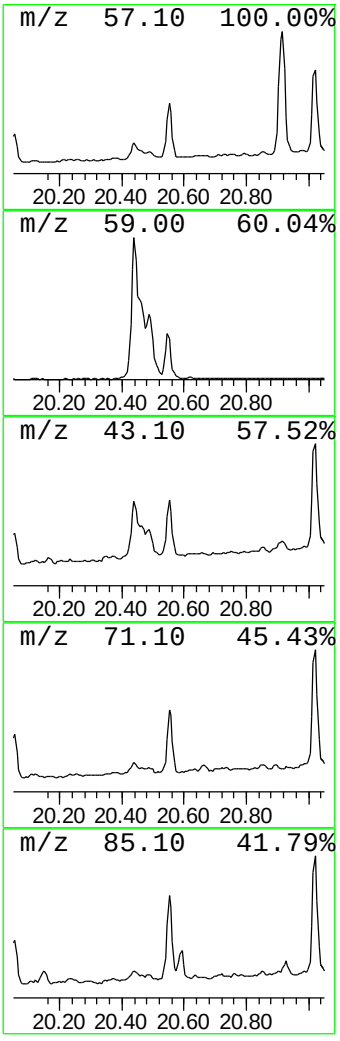
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	3.23 ng/ul	1744170	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3	Octadecane	254	C18H38	000593-45-3	83
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	70
5	Hexadecane	226	C16H34	000544-76-3	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

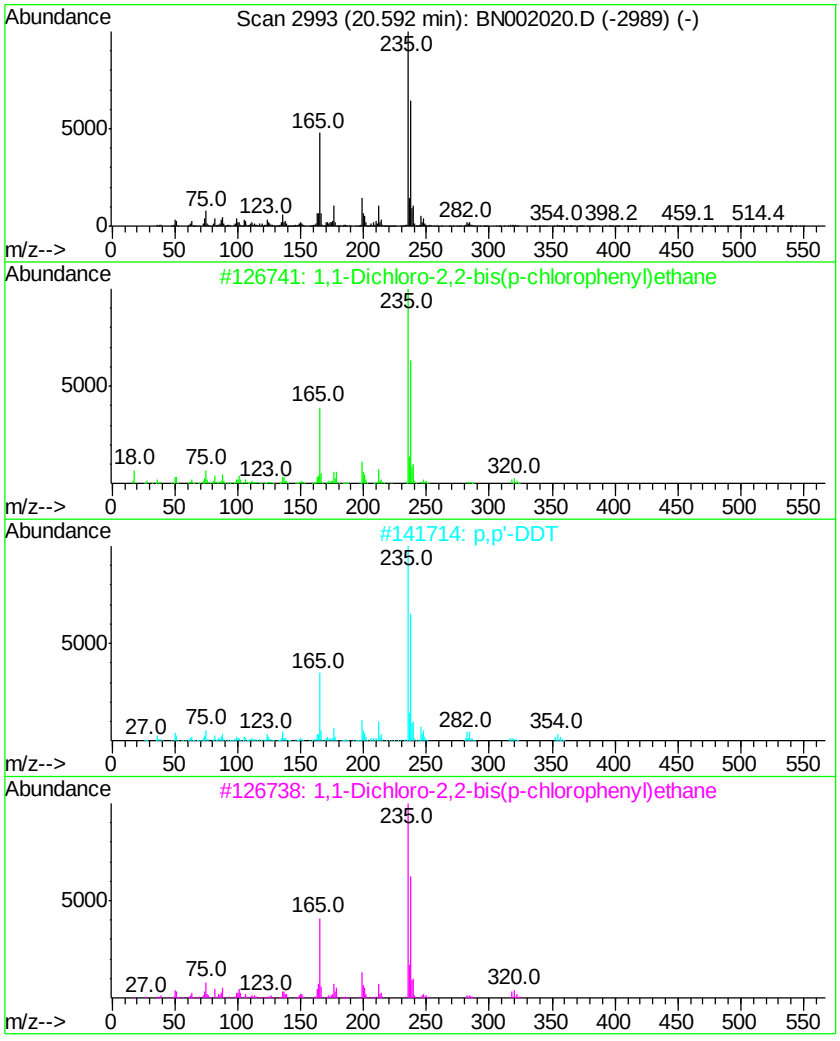
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

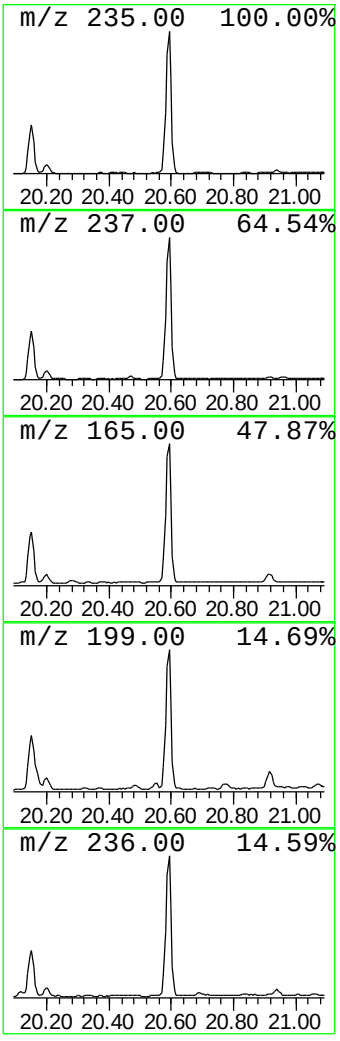
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	24.52 ng/ul	13231400	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	95
2	p,p'-DDT	352	C14H9Cl5	000050-29-3	91
3	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	90
5	o,p'-DDT	352	C14H9Cl5	000789-02-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

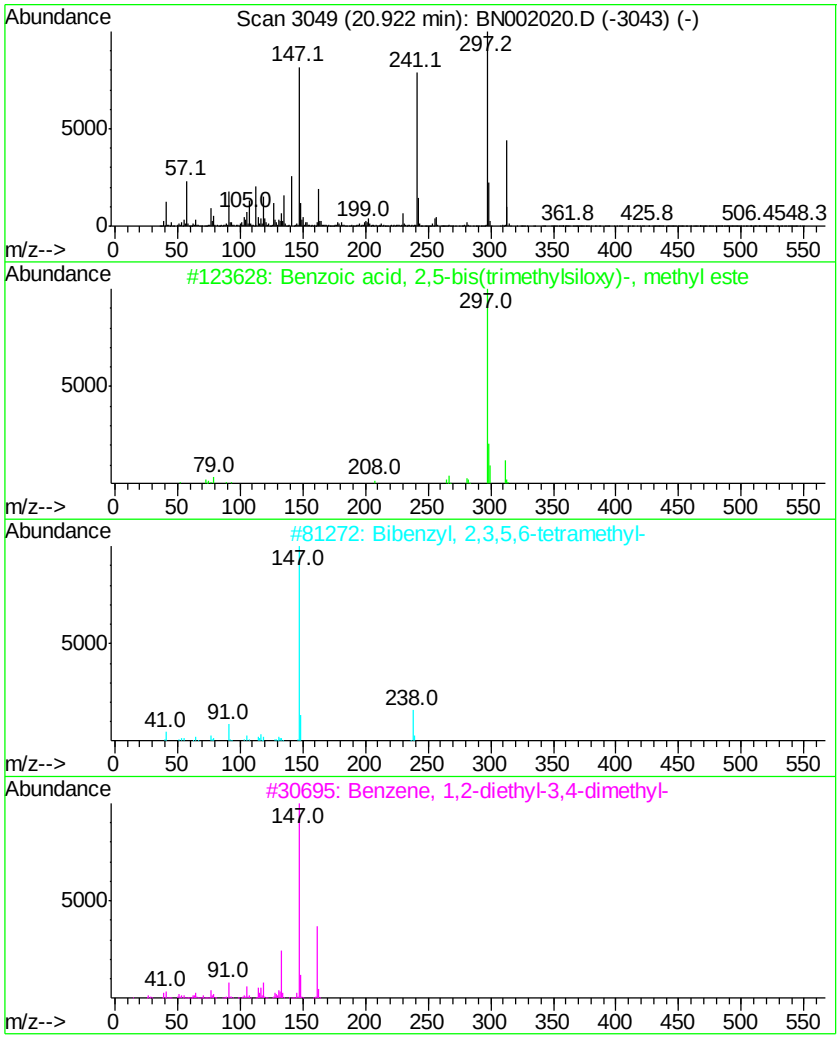
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

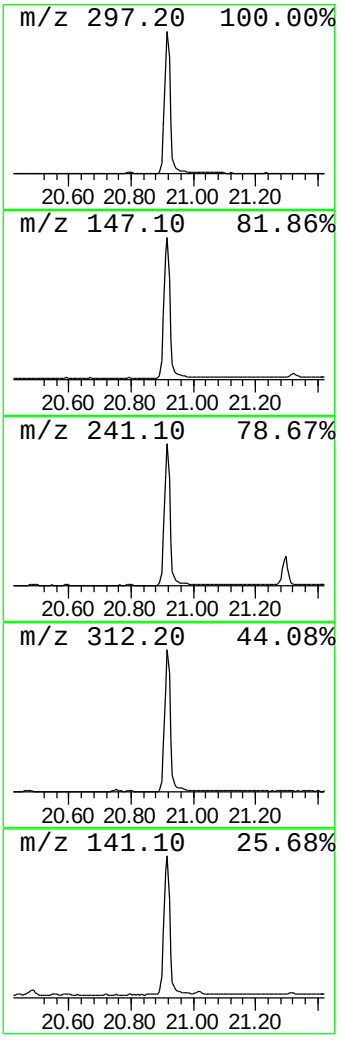
****

Peak Number 22 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	42.95 ng/ul	23182400	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethyls...	312	C14H24O4Si2	027798-56-7	16
2	Bibenzyl, 2,3,5,6-tetramethyl-	238	C18H22	016200-38-7	15
3	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	11
4	Benzoic acid, 2,4,6-trimethyl-, ...	282	C19H22O2	001504-38-7	11
5	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

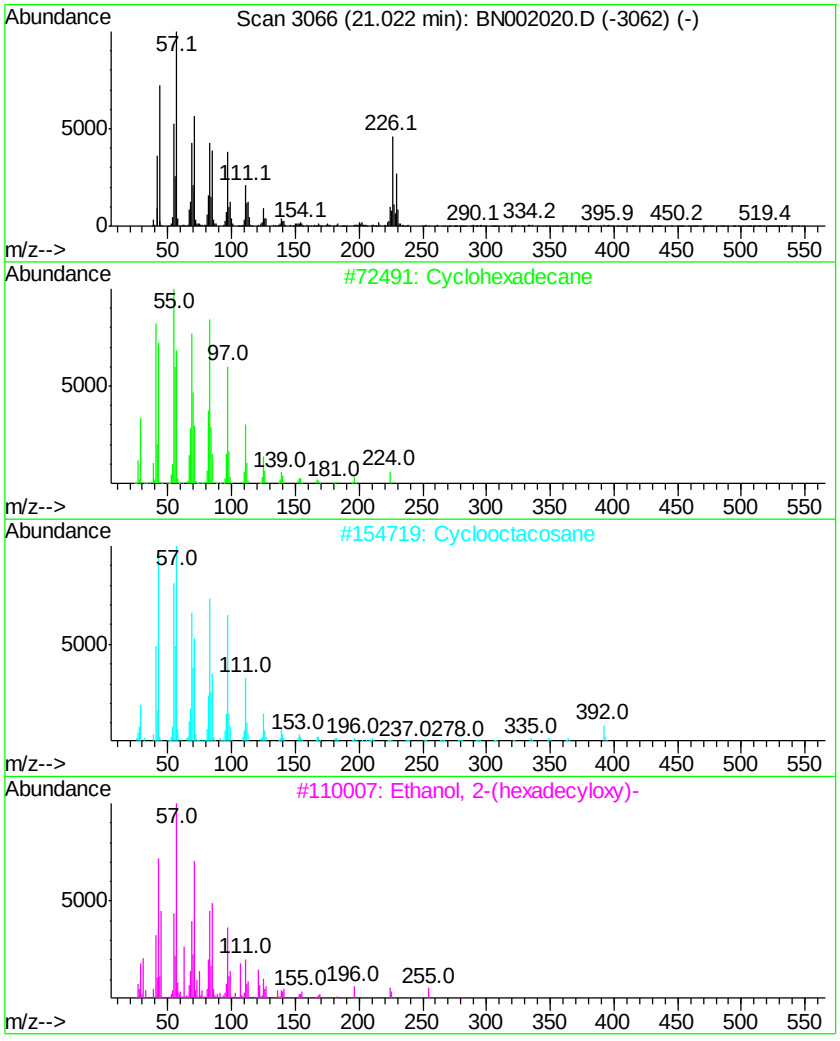
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

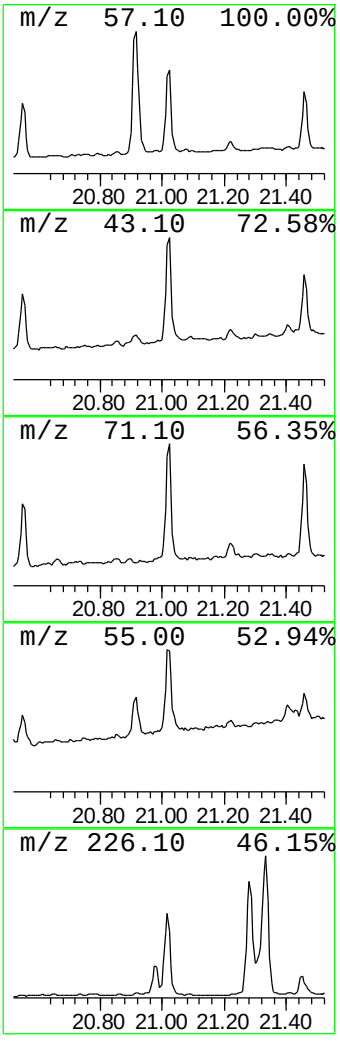
****

Peak Number 23 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	7.91 ng/ul	4267330	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Cyclooctacosane	392	C28H56	000297-24-5	84
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	62
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	50
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.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
Butane, 2-methoxy...	3.02	23.1	ng/ul	3915420	1	7.72	3392420	20.0
2H-Pyran, tetrahy...	3.77	4.7	ng/ul	796119	1	7.72	3392420	20.0
Phenol, p-tert-bu...	11.84	9.3	ng/ul	2470730	2	10.49	5284930	20.0
2-Propenal, 3-(2,...	13.00	5.8	ng/ul	2009990	3	14.35	6973880	20.0
Ethanone, 1-(2,4,...	14.20	3.2	ng/ul	1108330	3	14.35	6973880	20.0
(DEL) Alkane: Str...	15.21	2.3	ng/ul	788664	3	14.35	6973880	20.0
(DEL) Alkane: Str...	16.07	2.5	ng/ul	1032160	4	17.09	8202130	20.0
9H-Fluoren-9-one	16.75	2.6	ng/ul	1067560	4	17.09	8202130	20.0
Anthracene, 9-met...	17.97	2.2	ng/ul	888111	4	17.09	8202130	20.0
n-Hexadecanoic acid	18.00	11.0	ng/ul	4499570	4	17.09	8202130	20.0
4H-Cyclopenta[def...	18.16	3.8	ng/ul	1558000	4	17.09	8202130	20.0
9,10-Anthracenedione	18.52	3.8	ng/ul	1570800	4	17.09	8202130	20.0
4b,8-Dimethyl-2-i...	18.72	3.1	ng/ul	1284280	4	17.09	8202130	20.0
Cyclopenta(def)ph...	19.03	2.6	ng/ul	1060960	4	17.09	8202130	20.0
Octadecanoic acid	19.29	2.4	ng/ul	1288240	5	21.30	10794000	20.0
p,p'-DDE	19.64	5.5	ng/ul	2963030	5	21.30	10794000	20.0
Mitotane	20.15	9.9	ng/ul	5370340	5	21.30	10794000	20.0
9-Octadecenamide,...	20.44	9.2	ng/ul	4956340	5	21.30	10794000	20.0
(DEL) Alkane: Str...	20.55	3.2	ng/ul	1744170	5	21.30	10794000	20.0
1,1-Dichloro-2,2-...	20.59	24.5	ng/ul	13231400	5	21.30	10794000	20.0
unknown-01	20.92	43.0	ng/ul	23182400	5	21.30	10794000	20.0
Cyclohexadecane	21.02	7.9	ng/ul	4267330	5	21.30	10794000	20.0