LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

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-BN012220MA.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	3.087	14	17	29	rVB2	26481	40272	1.60%	0.122%
2	3.405	68	71	73	rBV3	4746	6351	0.25%	0.019%
3	3.569	96	99	105	rBV6	7757	15378	0.61%	0.047%
4	3.687	115	119	131	rVV	36264	61039	2.42%	0.185%
5	3.775	131	134	139	rVB4	9295	11856	0.47%	0.036%
6	3.869	146	150	153	rBV4	6972	7791	0.31%	0.024%
7	3.993	168	171	177	rVB5	5727	6831	0.27%	0.021%
8	4.652	278	283	289	rBV	37592	58479	2.32%	0.177%
9	5.163	363	370	371	rBV5	2922	6190	0.25%	0.019%
10	5.652	449	453	456	rBV5	3135	5159	0.20%	0.016%
11	5.887	489	493	498	rBV7	4514	7933	0.31%	0.024%
12	6.175	538	542	545	rBV6	5240	7995	0.32%	0.024%
13	6.522	596	601	602	rBV4	5057	6450	0.26%	0.020%
14	6.652	615	623	636	rBV2	380345	704705	27.91%	2.135%
15	6.810	644	650	664	rVB	330387	518635	20.54%	1.571%
16	6.993	675	681	690	rBV	389993	613448	24.30%	1.859%
17	7.099	696	699	703	rVB2	5467	7690	0.30%	0.023%
18	7.452	753	759	768	rBV	687331	1065314	42.20%	3.228%
19	7.534	771	773	778	rVV4	9169	12668	0.50%	0.038%
20	8.163	873	880	891	rVV	395559	638977	25.31%	1.936%
21	8.275	893	899	907	rVB4	11366	22944	0.91%	0.070%
22	8.593	946	953	962	rBV	411325	677754	26.85%	2.054%
23	8.681	962	968	975	rVV	273902	391861	15.52%	1.187%
24	8.740	975	978	982	rVV5	3007	5437	0.22%	0.016%
25	8.781	982	985	988	rVB5	4682	5536	0.22%	0.017%
26	9.052	1023	1031	1035	rBV2	9663	15407	0.61%	0.047%
27	9.304	1066	1074	1085	rBV	318429	554894	21.98%	1.681%
28	9.516	1106	1110	1117	rBV3	5357	9091	0.36%	0.028%
29	9.840	1159	1165	1175	rBV	419389	716213	28.37%	2.170%
30	10.204	1220	1227	1235	rBV	940316	1517736	60.12%	4.599%
31	10.351	1246	1252	1269	rBV	356993	710041	28.13%	2.151%
32	10.610	1294	1296	1304	rVV4	3517	6354	0.25%	0.019%
33	11.663	1472	1475	1481	rVB5	4251	7458	0.30%	0.023%
34	11.757	1486	1491	1494	rBV5	3344	5526	0.22%	0.017%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

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-BN012220MA.M
Title : SVOA CALIBRATION

35	11.810	1494	1500	1503	rVV3	5066	8238	0.33%	0.025%
36	12.098	1543	1549	1553	rVB3	2934	5012	0.20%	0.015%
37	12.698	1647	1651	1655	rBV5	5445	7915	0.31%	0.024%
38	12.934	1688	1691	1695	rVB3	5098	6051	0.24%	0.018%
39	13.510	1783	1789	1794	rBV	903728	1264459	50.09%	3.831%
40	13.557	1794	1797	1808	rVB	238485	347719	13.77%	1.054%
41	13.775	1828	1834	1848	rVB	845570	1237286	49.01%	3.749%
42	13.987	1863	1870	1880	rBV	213976	286083	11.33%	0.867%
43	14.087	1880	1887	1897	rVV	1349127	1978975	78.39%	5.996%
44	14.322	1922	1927	1946	rBV	234133	503627	19.95%	1.526%
45	14.539	1959	1964	1970	rBV4	22205	32505	1.29%	0.098%
46	14.928	2026	2030	2034	rVV4	6786	10681	0.42%	0.032%
47	14.981	2034	2039	2043	rVB4	12101	15316	0.61%	0.046%
48	15.092	2051	2058	2070	rBV	1169350	1663961	65.91%	5.042%
49	15.234	2076	2082	2094	rBV	362987	551585	21.85%	1.671%
50	15.328	2096	2098	2103	rVB3	9255	11744	0.47%	0.036%
51	15.545	2132	2135	2140	rBV6	3418	5324	0.21%	0.016%
52	15.851	2183	2187	2190	rBV3	18215	24484	0.97%	0.074%
53	15.875	2190	2191	2195	rVB4	6445	5709	0.23%	0.017%
54	16.010	2210	2214	2218	rBV5	6445	9537	0.38%	0.029%
55	16.104	2226	2230	2235	rVB5	4749	6854	0.27%	0.021%
56	16.639	2316	2321	2326	rBV6	12228	21853	0.87%	0.066%
57	16.839	2349	2355	2361	rVV	1647907	2288569	90.65%	6.934%
58	16.881	2361	2362	2366	rVV	36419	35382	1.40%	0.107%
59	16.939	2366	2372	2384	rVB	1180543	1658814	65.71%	5.026%
60	17.063	2389	2393	2398	rVB4	4749	8928	0.35%	0.027%
61	17.163	2406	2410	2414	rVB7	3600	6181	0.24%	0.019%
62	17.257	2419	2426	2431	rBV7	17594	26770	1.06%	0.081%
63	17.380	2442	2447	2448	rBV4	8506	8174	0.32%	0.025%
64	17.504	2465	2468	2472	rBV4	7033	8784	0.35%	0.027%
65	17.645	2488	2492	2497	rBV7	8530	14274	0.57%	0.043%
66	17.716	2499	2504	2509	rBV3	50383	71999	2.85%	0.218%
67	17.769	2509	2513	2520	rBV	141575	196267	7.77%	0.595%
68	17.904	2533	2536	2537	rBV3	6426	6694	0.27%	0.020%
69	17.963	2541	2546	2553	rVB	72458	92442	3.66%	0.280%
70	18.069	2560	2564	2569	rVB5	14659	23949	0.95%	0.073%
71	18.145	2576	2577	2583	rBV5	3867	7875	0.31%	0.024%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

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-BN012220MA.M
Title : SVOA CALIBRATION

72	18.204	2584	2587	2590	rBV3	11540	12458	0.49%	0.038%
73	18.275	2595	2599	2601	rBV3	5616	7401	0.29%	0.022%
74	18.322	2603	2607	2612	rVV8	6122	11397	0.45%	0.035%
75	18.645	2659	2662	2665	rBV4	10058	12476	0.49%	0.038%
76	18.675	2665	2667	2670	rBV3	10635	9118	0.36%	0.028%
77	18.716	2670	2674	2677	rVV4	16264	21400	0.85%	0.065%
78	18.798	2683	2688	2692	rVB7	6005	10061	0.40%	0.030%
79	18.833	2692	2694	2698	rVB5	4570	5125	0.20%	0.016%
80	18.880	2698	2702	2703	rBV	18923	22046	0.87%	0.067%
81	18.910	2703	2707	2711	rBV	104769	132372	5.24%	0.401%
82	19.063	2729	2733	2737	rBV5	31224	44279	1.75%	0.134%
83	19.133	2741	2745	2752	rVV5	15428	24855	0.98%	0.075%
84	19.245	2758	2764	2772	rBV	1459044	2018850	79.97%	6.117%
85	19.333	2777	2779	2785	rVB6	11788	16085	0.64%	0.049%
86	19.780	2853	2855	2858	rBV4	15416	20696	0.82%	0.063%
87	19.839	2862	2865	2869	rVB3	23077	26847	1.06%	0.081%
88	19.874	2869	2871	2872	rBV2	13149	11340	0.45%	0.034%
89	20.333	2947	2949	2954	rVB2	34952	41527	1.64%	0.126%
90	20.798	3023	3028	3034	rBV2	422762	647579	25.65%	1.962%
91	20.951	3051	3054	3057	rBV3	33651	42396	1.68%	0.128%
92	21.051	3065	3071	3075	rBV	1943092	2524536	100.00%	7.649%
93	21.239	3100	3103	3106	rBV	142567	145950	5.78%	0.442%
94	21.657	3171	3174	3183	rBV	256531	326372	12.93%	0.989%
95	22.092	3244	3248	3253	rBV2	282628	367068	14.54%	1.112%
96	22.568	3326	3329	3341	rVB	362343	589558	23.35%	1.786%
97	23.027	3402	3407	3413	rBV	973782	1623191	64.30%	4.918%
98	23.092	3415	3418	3424	rVV2	319258	470285	18.63%	1.425%
99	23.163	3424	3430	3444	rVB2	1339791	2458365	97.38%	7.449%
100	23.686	3515	3519	3526	rVB	269050	451684	17.89%	1.369%

Sum of corrected areas: 33004750

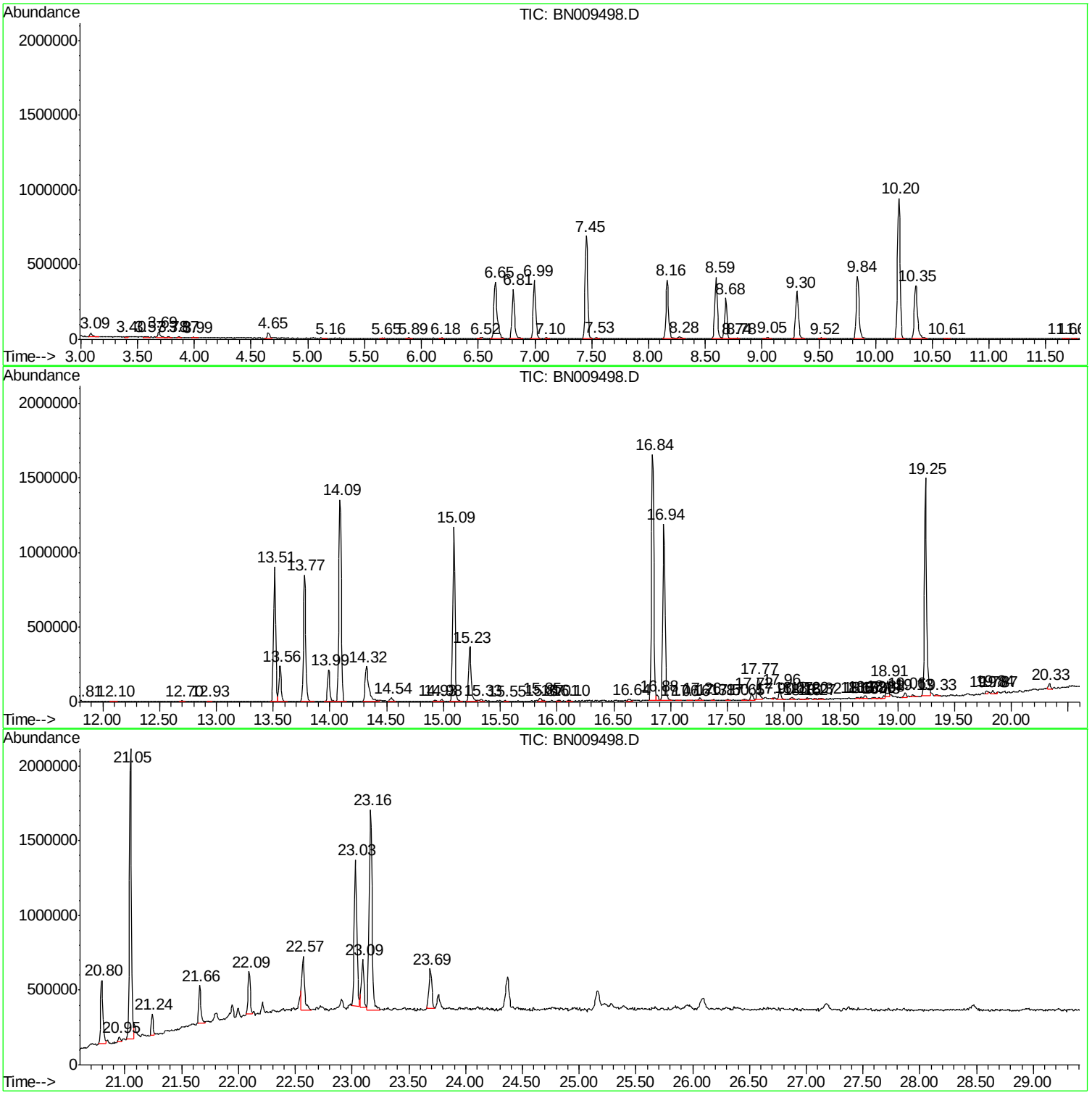
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

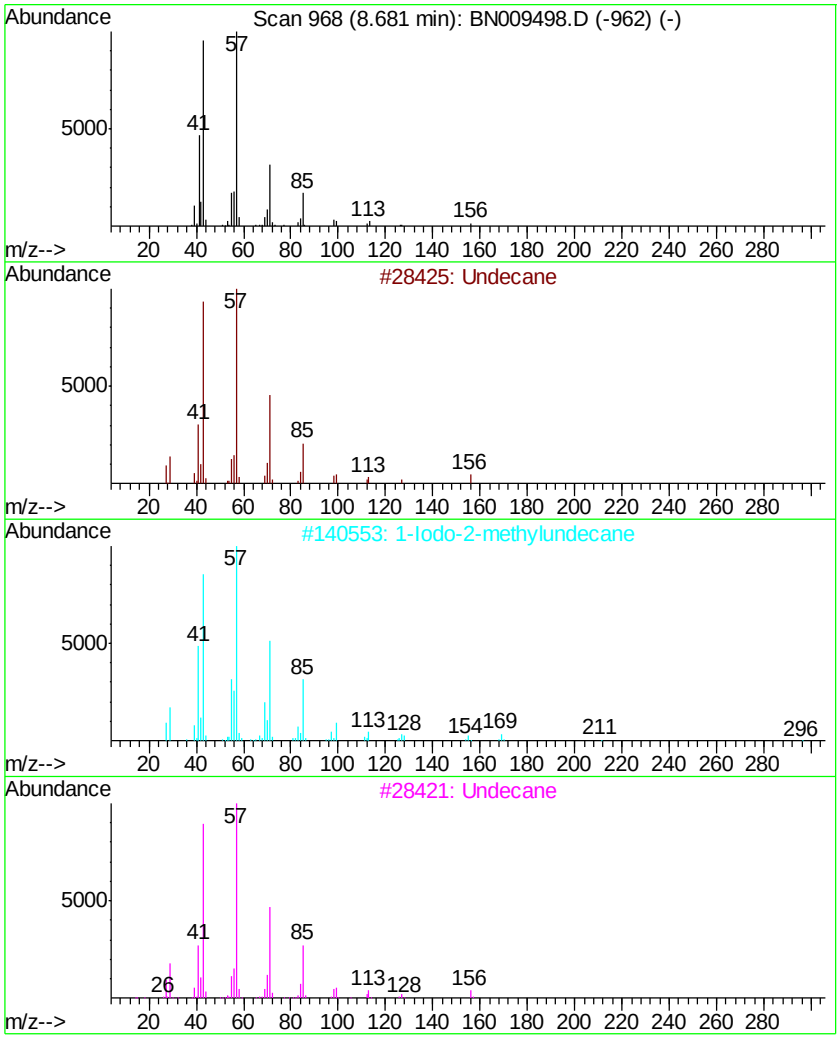
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

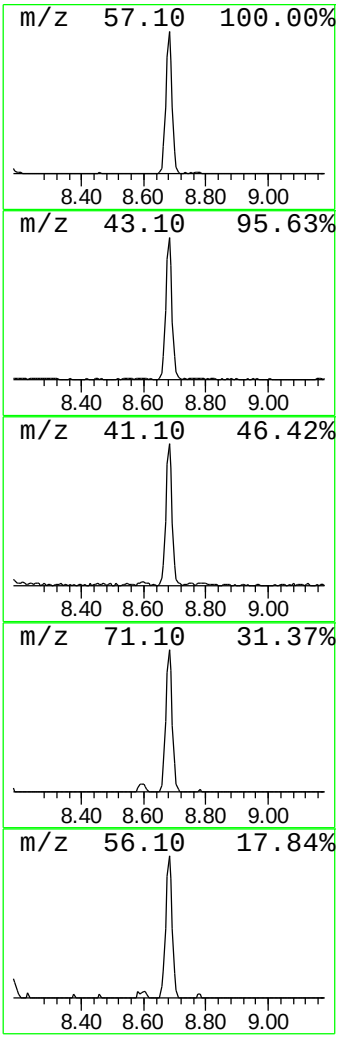
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	7.36 ng/ul	391861	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
3	Undecane	156	C11H24	001120-21-4	78
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

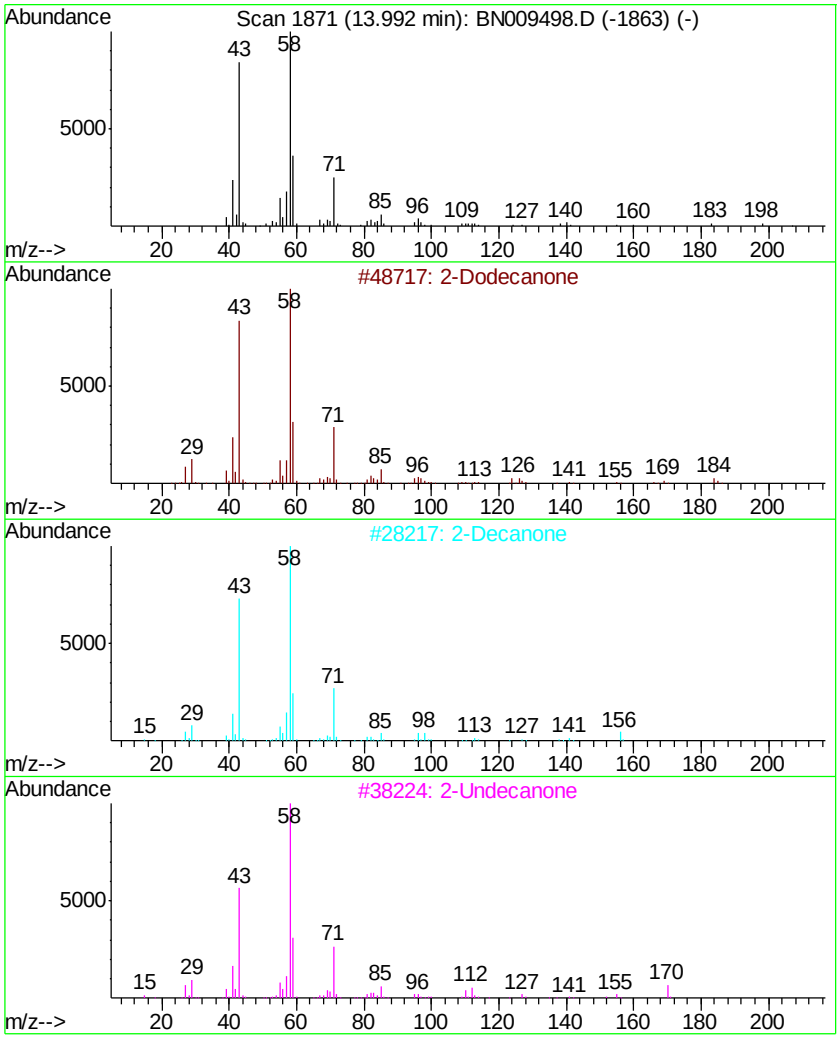
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

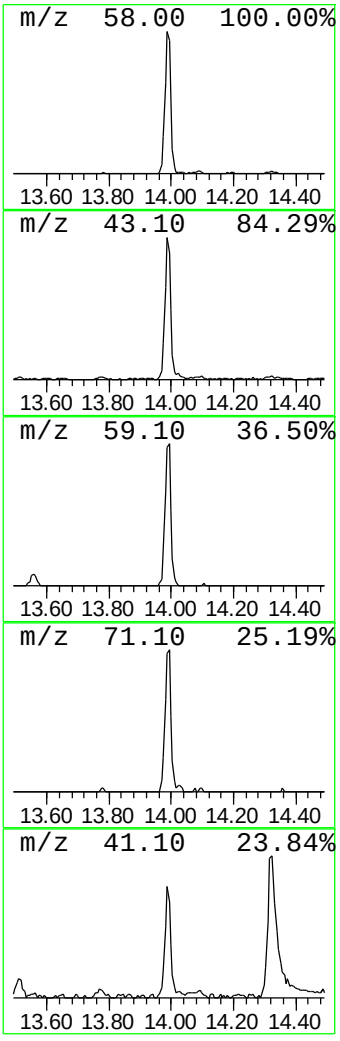
****

Peak Number 2 2-Dodecanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.89 ng/ul	286083	Acenaphthene-d10	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecanone	184	C12H24O	006175-49-1	83
2	2-Decanone	156	C10H20O	000693-54-9	78
3	2-Undecanone	170	C11H22O	000112-12-9	64
4	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	64
5	Butanimidamide	86	C4H10N2	000107-90-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

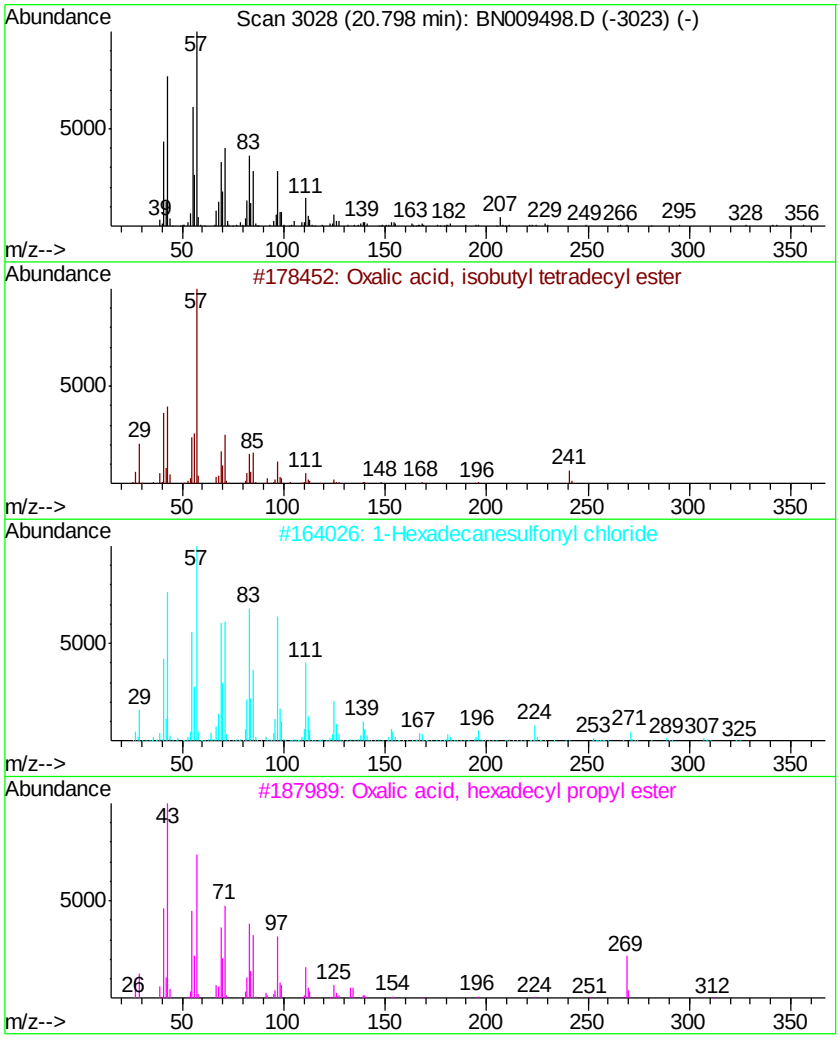
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

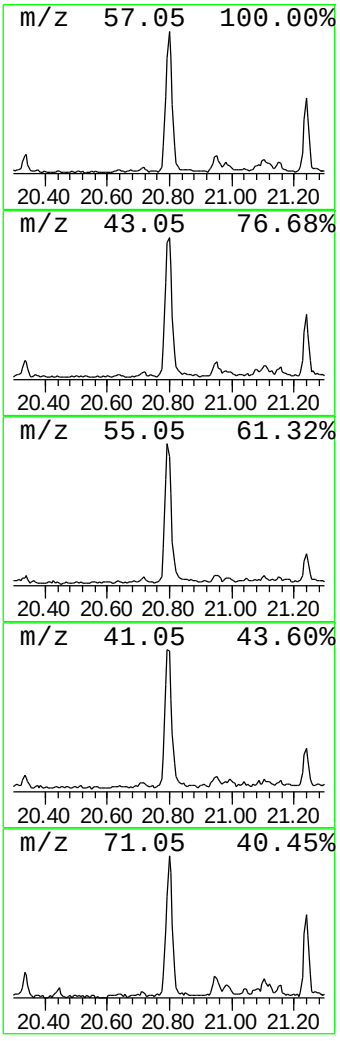
****

Peak Number 3 Oxalic acid, isobutyl tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.13 ng/ul	647579	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
3	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	83
4	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	74
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

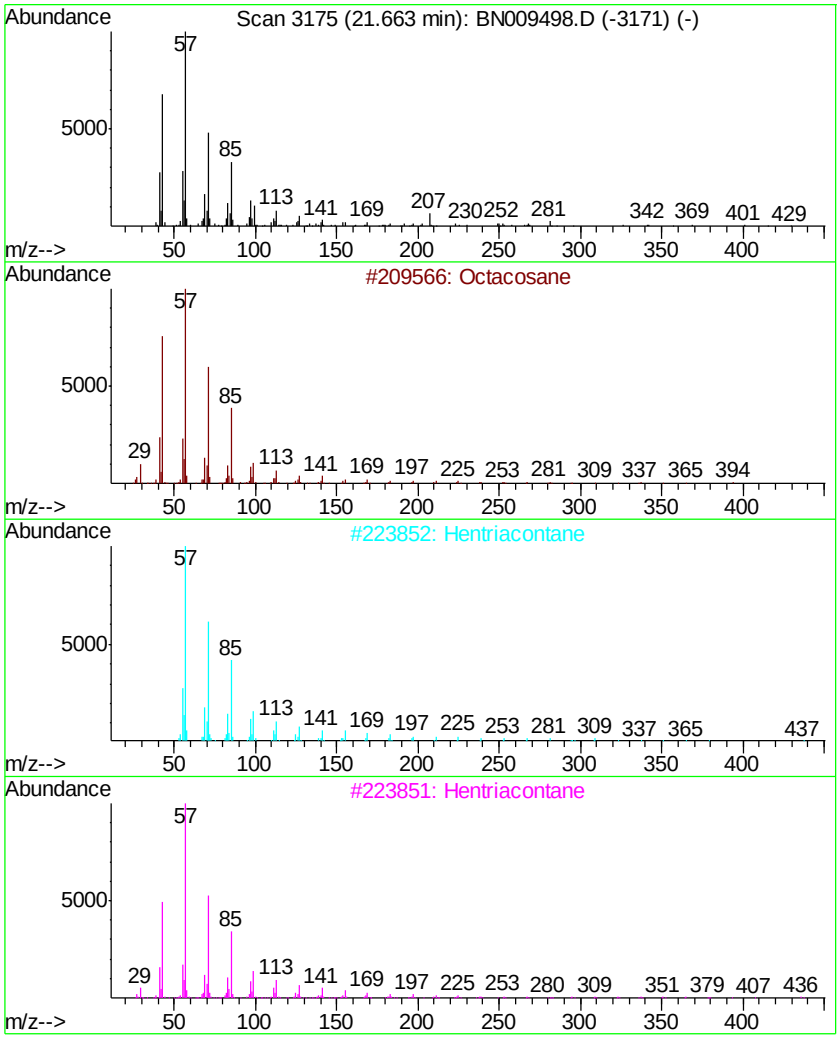
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

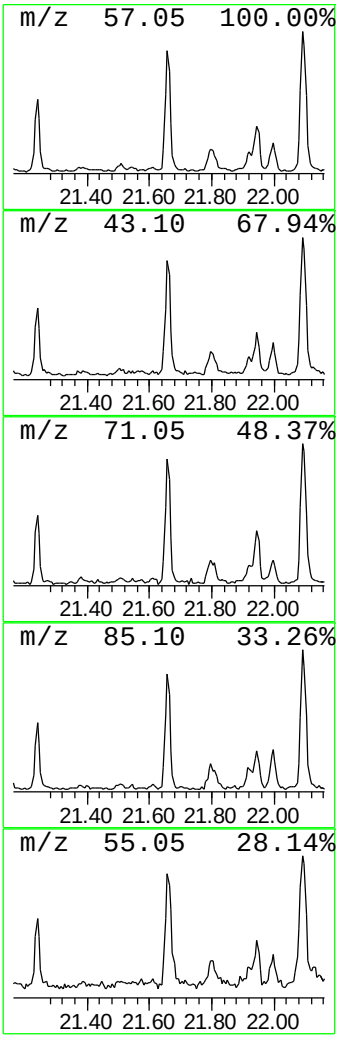
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.59 ng/ul	326372	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Heptacosane	380	C27H56	000593-49-7	76
5	Eicosane	282	C20H42	000112-95-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

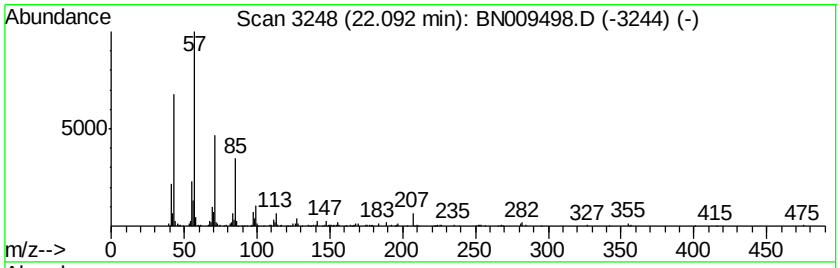
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

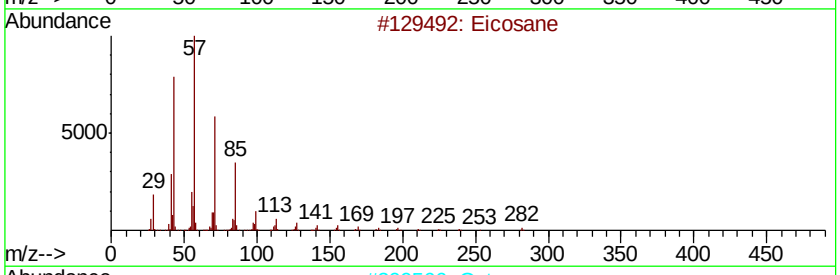
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

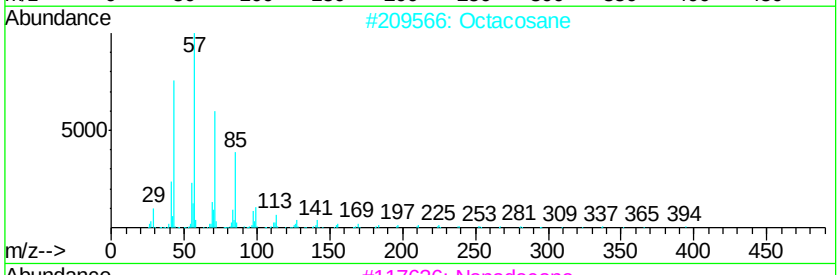
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

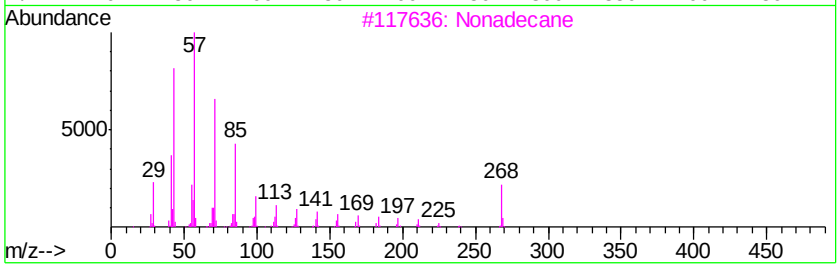
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.91 ng/ul	367068	Chrysene-d12	21.05

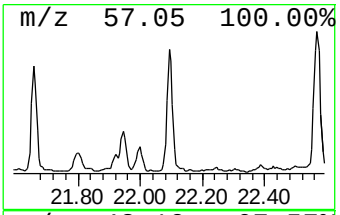
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	87
3	Nonadecane	268	C19H40	000629-92-5	83
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
5	Hexadecane	226	C16H34	000544-76-3	76

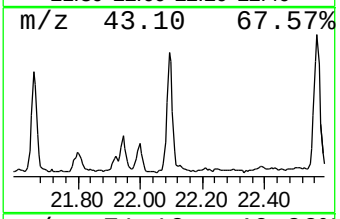


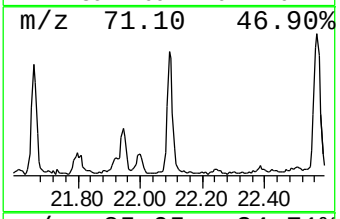


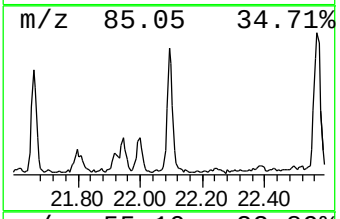


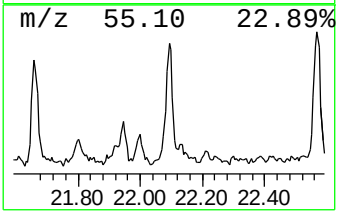












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
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Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

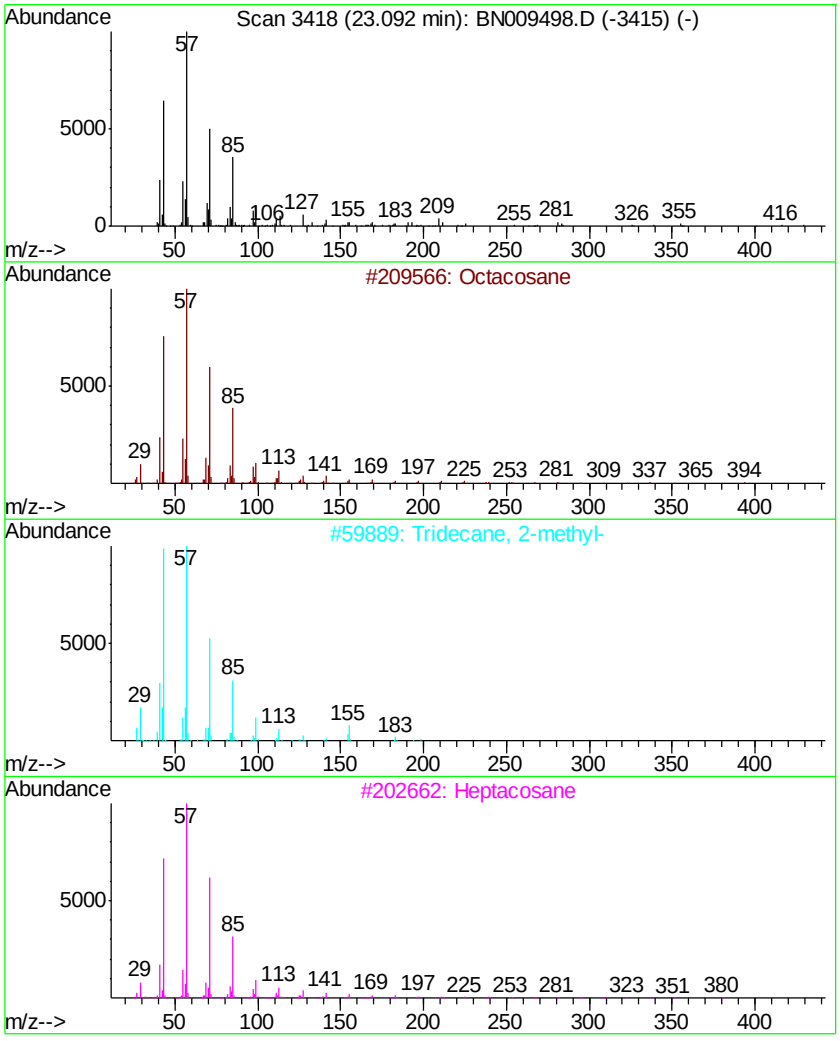
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

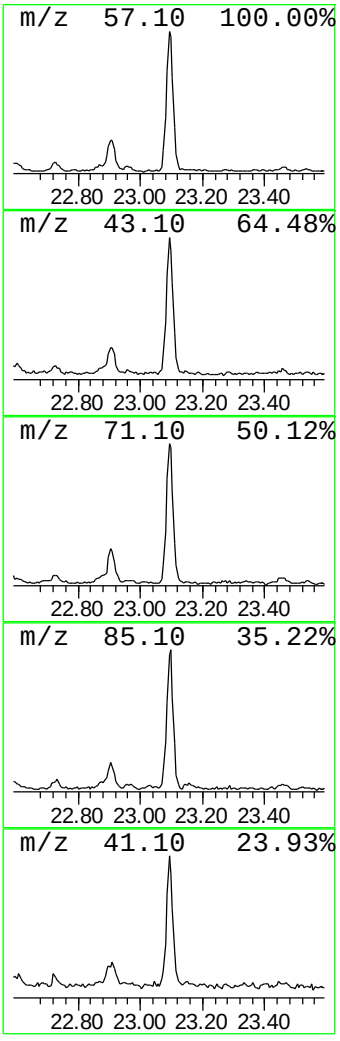
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	3.83 ng/ul	470285	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

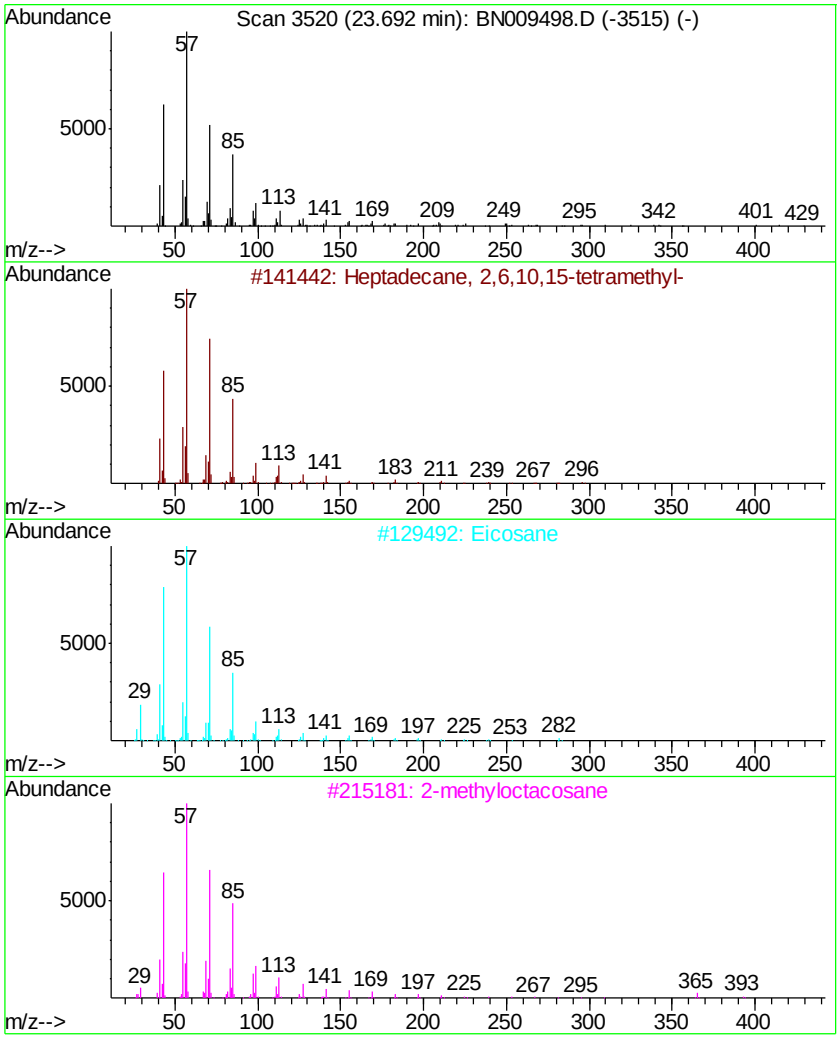
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

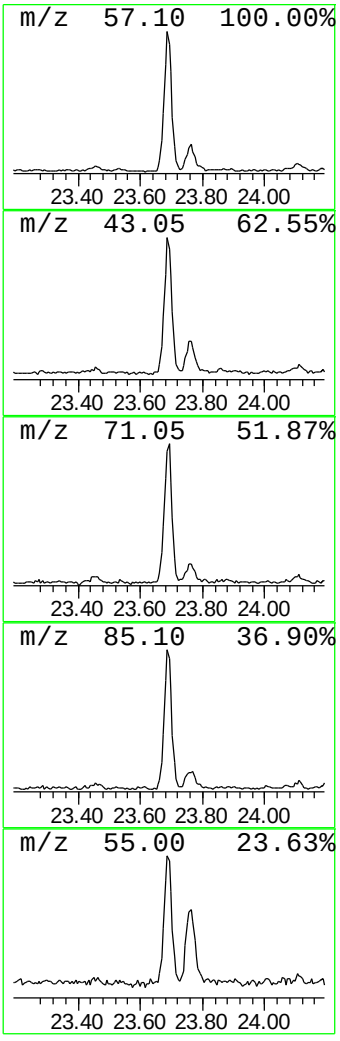
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.67 ng/ul	451684	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
2	Eicosane	282	C20H42	000112-95-8	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	81
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Tetratetracontane	619	C44H90	007098-22-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009498.D
Acq On : 31 Jan 2020 05:49
Operator : CG/JU
Sample : L1300-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AS0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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
(DEL) Alkane: Str...	8.68	7.4	ng/ul	391861	1	7.45	1065310	20.0
2-Dodecanone	13.99	2.9	ng/ul	286083	3	14.09	1978980	20.0
Oxalic acid, isob...	20.80	5.1	ng/ul	647579	5	21.05	2524540	20.0
(DEL) Alkane: Str...	21.66	2.6	ng/ul	326372	5	21.05	2524540	20.0
(DEL) Alkane: Str...	22.09	2.9	ng/ul	367068	5	21.05	2524540	20.0
(DEL) Alkane: Str...	23.09	3.8	ng/ul	470285	6	23.16	2458370	20.0
(DEL) Alkane: Str...	23.69	3.7	ng/ul	451684	6	23.16	2458370	20.0