LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029501.D
Acq On : 15 Apr 2021 13:46
Operator : CG/JU
Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

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_M\METHODS\SOM-EPA-BM040721MA.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	2.940	6	9	13	rVB	123118	130151	5.83%	0.949%
2	3.017	19	22	25	rBV	34749	34701	1.55%	0.253%
3	3.046	25	27	28	rVV	12428	11074	0.50%	0.081%
4	3.070	28	31	33	rVV2	22721	21100	0.95%	0.154%
5	3.105	33	37	42	rVB	2267849	2232443	100.00%	16.277%
6	3.411	84	89	90	rBV3	8557	11232	0.50%	0.082%
7	3.434	90	93	99	rVB	66017	81336	3.64%	0.593%
8	3.528	105	109	115	rBV4	5111	7784	0.35%	0.057%
9	3.811	153	157	163	rVB5	8033	12125	0.54%	0.088%
10	3.905	169	173	177	rBV	21908	28094	1.26%	0.205%
11	4.081	199	203	206	rBV6	3593	5244	0.23%	0.038%
12	4.246	227	231	236	rVB	14670	19379	0.87%	0.141%
13	4.440	261	264	271	rVB5	7122	9741	0.44%	0.071%
14	4.740	311	315	317	rBV3	4354	4796	0.21%	0.035%
15	4.846	329	333	337	rVB3	5599	6349	0.28%	0.046%
16	5.146	379	384	387	rBV5	5696	9096	0.41%	0.066%
17	5.205	392	394	398	rVB3	7601	9380	0.42%	0.068%
18	5.281	403	407	412	rVB2	5665	7692	0.34%	0.056%
19	5.334	412	416	424	rBV	22335	50927	2.28%	0.371%
20	5.487	439	442	450	rBV8	3066	5598	0.25%	0.041%
21	5.711	474	480	486	rVB3	41608	65023	2.91%	0.474%
22	5.964	518	523	528	rBV7	4041	7638	0.34%	0.056%
23	6.175	556	559	566	rVB4	4415	8890	0.40%	0.065%
24	6.240	568	570	575	rVV4	4000	6652	0.30%	0.048%
25	6.328	580	585	587	rBV4	4013	6020	0.27%	0.044%
26	6.681	640	645	651	rVB5	5589	11231	0.50%	0.082%
27	6.734	651	654	656	rBV3	3846	5468	0.24%	0.040%
28	6.775	656	661	665	rVV	19378	29509	1.32%	0.215%
29	6.834	665	671	677	rVV2	19213	32837	1.47%	0.239%
30	6.905	677	683	689	rVB2	12674	18873	0.85%	0.138%
31	7.069	706	711	715	rBV3	11212	18580	0.83%	0.135%
32	7.234	735	739	745	rVB6	2698	5150	0.23%	0.038%
33	7.311	745	752	759	rBV2	35230	74878	3.35%	0.546%
34	7.675	807	814	821	rBV	582965	919227	41.18%	6.702%

LSC Area Percent Report

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Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

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_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

35	7.793	829	834	844	rVB3	11218	21742	0.97%	0.159%
36	7.963	859	863	869	rVB5	3624	5328	0.24%	0.039%
37	8.169	892	898	902	rBV4	5863	9267	0.42%	0.068%
38	8.222	902	907	911	rVV3	12666	19519	0.87%	0.142%
39	8.310	918	922	931	rBV3	15889	27349	1.23%	0.199%
40	8.675	980	984	988	rVB2	4371	6636	0.30%	0.048%
41	8.775	995	1001	1008	rBV3	12776	22520	1.01%	0.164%
42	8.905	1018	1023	1028	rVB	26640	39758	1.78%	0.290%
43	9.104	1052	1057	1064	rBV8	2894	6150	0.28%	0.045%
44	9.357	1095	1100	1109	rVB2	6395	12931	0.58%	0.094%
45	9.557	1126	1134	1137	rBV5	3246	6486	0.29%	0.047%
46	9.740	1163	1165	1172	rVB4	4690	7100	0.32%	0.052%
47	9.828	1172	1180	1182	rBV3	4506	8159	0.37%	0.059%
48	9.863	1182	1186	1190	rBV5	6207	8735	0.39%	0.064%
49	9.928	1195	1197	1203	rVB6	3965	5327	0.24%	0.039%
50	10.322	1260	1264	1268	rBV6	3952	5742	0.26%	0.042%
51	10.457	1279	1287	1293	rBV	744786	1281533	57.40%	9.344%
52	10.504	1293	1295	1304	rVB	29335	39243	1.76%	0.286%
53	10.628	1312	1316	1320	rVB4	4165	6020	0.27%	0.044%
54	10.928	1363	1367	1375	rVB5	2337	5051	0.23%	0.037%
55	11.381	1438	1444	1448	rBV6	2992	5072	0.23%	0.037%
56	11.493	1458	1463	1466	rBV4	5064	7961	0.36%	0.058%
57	11.893	1524	1531	1541	rBV4	8610	16307	0.73%	0.119%
58	12.122	1565	1570	1575	rBV	14128	22704	1.02%	0.166%
59	12.345	1603	1608	1613	rBV2	8412	14174	0.63%	0.103%
60	12.857	1692	1695	1699	rVB3	4021	4816	0.22%	0.035%
61	13.151	1741	1745	1750	rVB2	9883	12087	0.54%	0.088%
62	13.469	1795	1799	1801	rBV5	6856	8785	0.39%	0.064%
63	13.634	1822	1827	1832	rVV3	10073	18074	0.81%	0.132%
64	13.687	1832	1836	1840	rVV4	8384	12677	0.57%	0.092%
65	13.734	1840	1844	1849	rVB7	6303	10241	0.46%	0.075%
66	13.810	1852	1857	1861	rVB6	8879	11502	0.52%	0.084%
67	13.869	1861	1867	1870	rBV8	7177	13020	0.58%	0.095%
68	14.045	1891	1897	1899	rBV5	6063	9691	0.43%	0.071%
69	14.145	1911	1914	1919	rVB5	8168	11293	0.51%	0.082%
70	14.228	1924	1928	1933	rVB3	14077	19519	0.87%	0.142%
71	14.316	1933	1943	1953	rBV	1043909	1603804	71.84%	11.693%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C0B48

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_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

72	14.404	1956	1958	1962	rVV4	6586	9077	0.41%	0.066%
73	14.528	1975	1979	1983	rBV6	5886	10447	0.47%	0.076%
74	14.716	2007	2011	2015	rVV3	10712	17329	0.78%	0.126%
75	14.792	2021	2024	2028	rVB5	6773	8264	0.37%	0.060%
76	14.845	2031	2033	2038	rVB6	7308	10376	0.46%	0.076%
77	14.981	2054	2056	2061	rVB4	9241	12155	0.54%	0.089%
78	15.104	2071	2077	2081	rBV7	17147	31319	1.40%	0.228%
79	15.181	2087	2090	2093	rBV	14428	16738	0.75%	0.122%
80	15.363	2118	2121	2126	rBV5	10505	14413	0.65%	0.105%
81	15.628	2164	2166	2169	rBV3	6742	7250	0.32%	0.053%
82	16.045	2233	2237	2238	rBV3	26738	36509	1.64%	0.266%
83	17.057	2403	2409	2413	rBV	1206831	1670607	74.83%	12.180%
84	17.098	2413	2416	2421	rVB	146018	190231	8.52%	1.387%
85	17.663	2509	2512	2518	rVB5	52773	85232	3.82%	0.621%
86	19.110	2755	2758	2765	rVB	203680	279946	12.54%	2.041%
87	19.392	2803	2806	2811	rVB	231963	248008	11.11%	1.808%
88	19.474	2818	2820	2824	rVB	75772	69048	3.09%	0.503%
89	19.510	2824	2826	2830	rVB3	47705	46917	2.10%	0.342%
90	19.968	2901	2904	2908	rVB5	105189	123163	5.52%	0.898%
91	20.010	2908	2911	2916	rBV2	66832	80177	3.59%	0.585%
92	20.245	2948	2951	2955	rVB3	100276	126935	5.69%	0.925%
93	20.439	2981	2984	2988	rVB	186009	198797	8.90%	1.449%
94	20.504	2992	2995	2998	rBV	101304	102596	4.60%	0.748%
95	20.963	3071	3073	3080	rVB2	107960	159281	7.13%	1.161%
96	21.233	3114	3119	3123	rBV	1089643	1364535	61.12%	9.949%
97	21.398	3144	3147	3152	rVB	119760	120086	5.38%	0.876%
98	21.827	3217	3220	3225	rVB2	121074	145645	6.52%	1.062%
99	22.280	3295	3297	3303	rVB	116699	150719	6.75%	1.099%
100	23.439	3489	3494	3503	rVB2	591011	1125187	50.40%	8.204%

Sum of corrected areas: 13715528

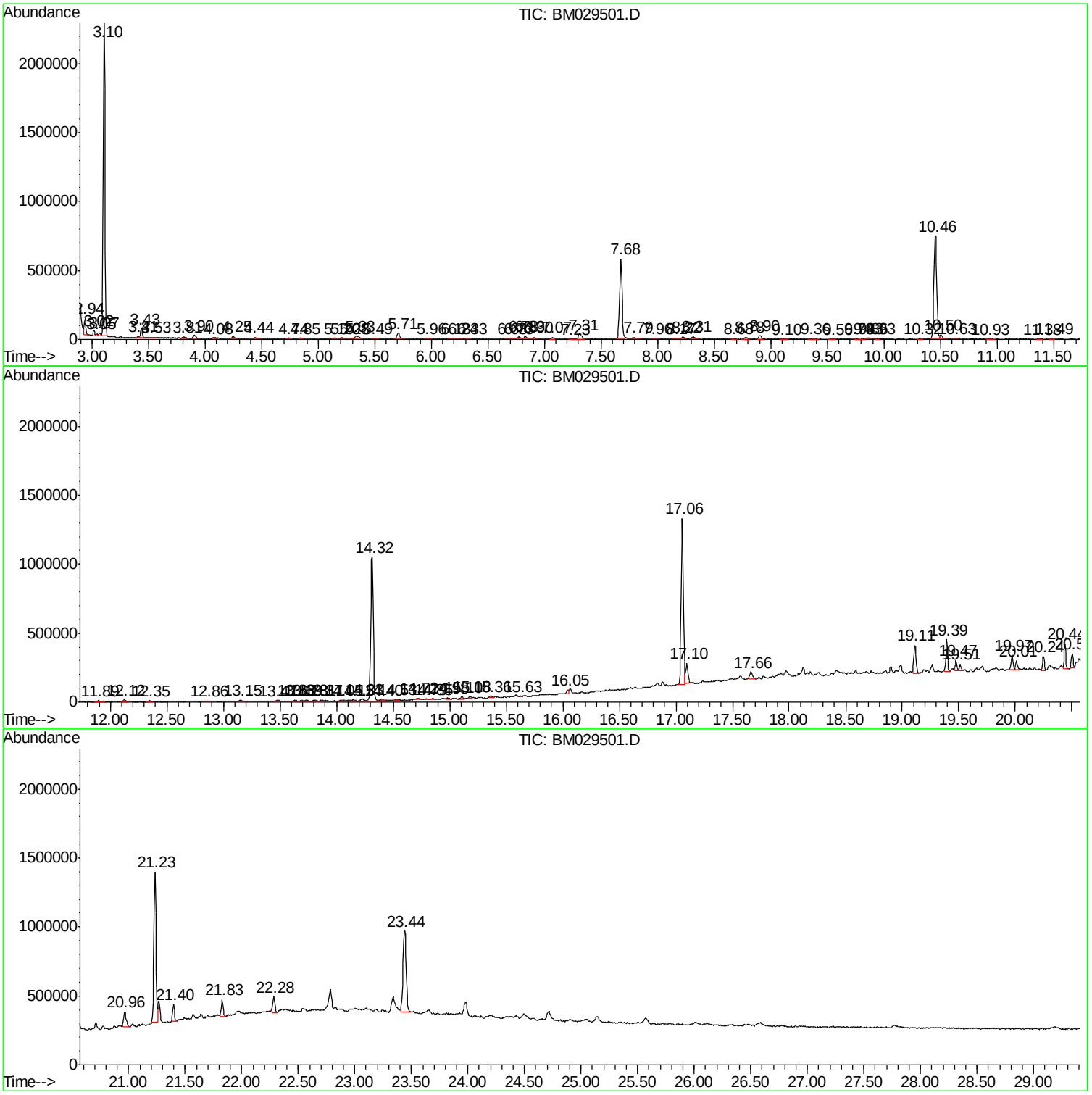
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029501.D
Acq On : 15 Apr 2021 13:46
Operator : CG/JU
Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029501.D
Acq On : 15 Apr 2021 13:46
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Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

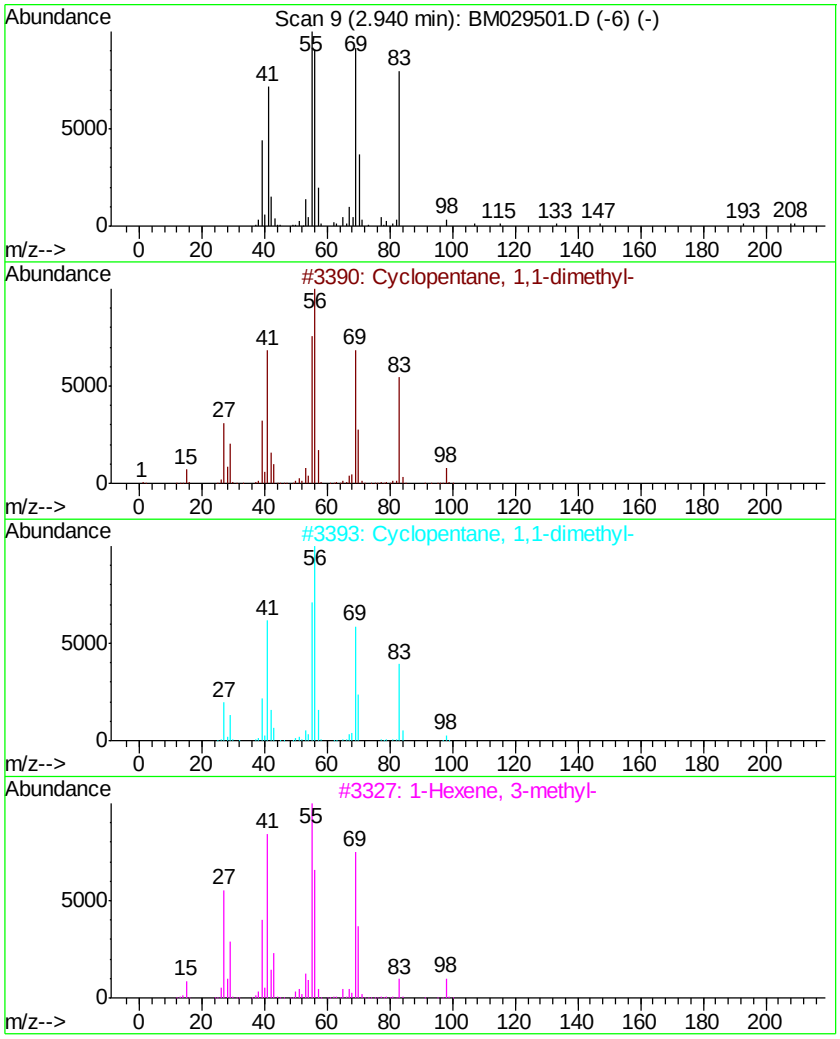
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

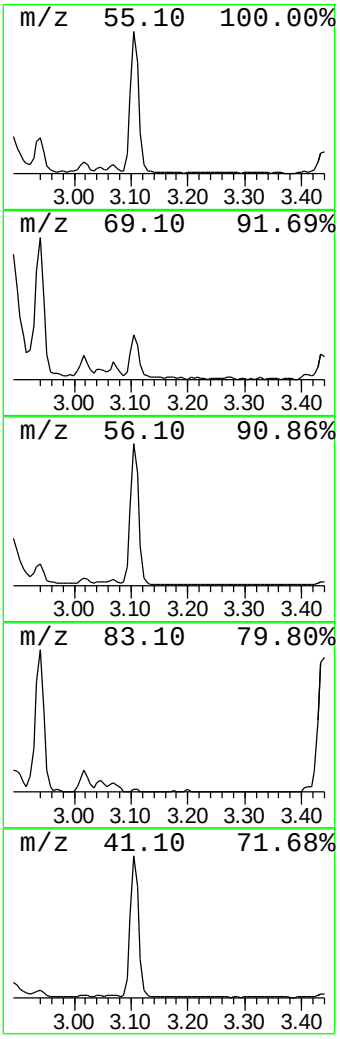
****

Peak Number 1 (DEL) Alkane: Cyclic2.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	2.83 ng/ul	130151	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	59
4	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	56
5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029501.D
Acq On : 15 Apr 2021 13:46
Operator : CG/JU
Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

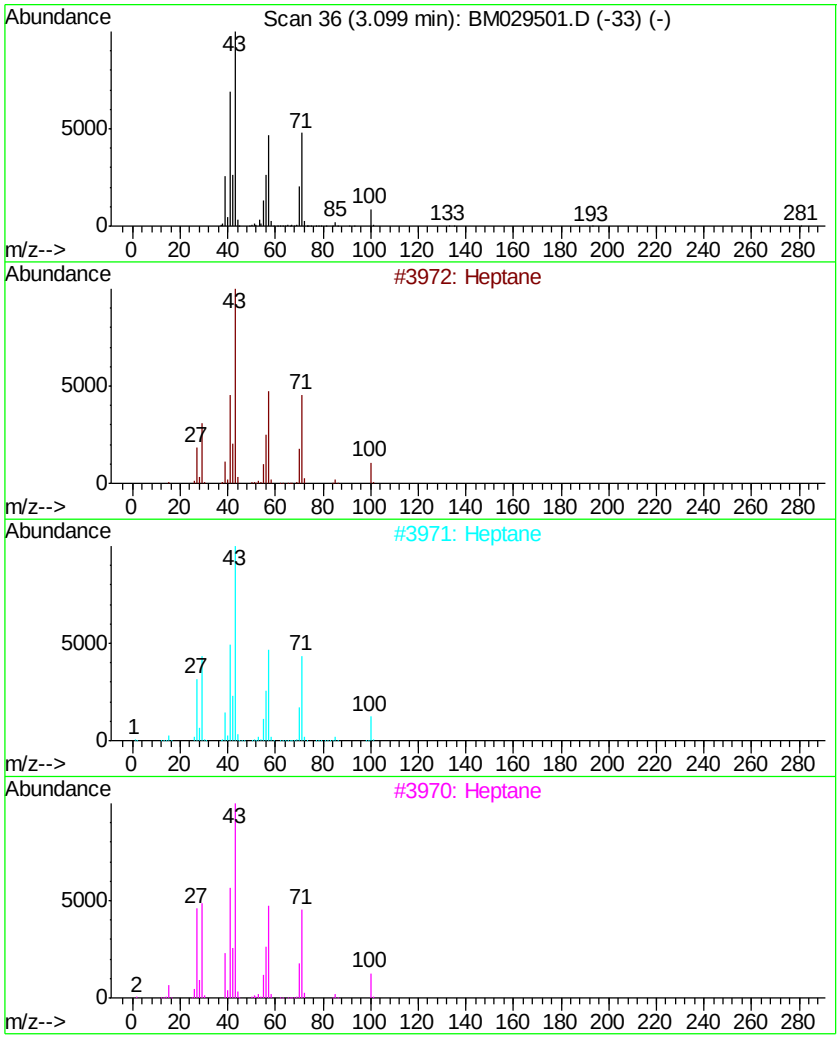
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

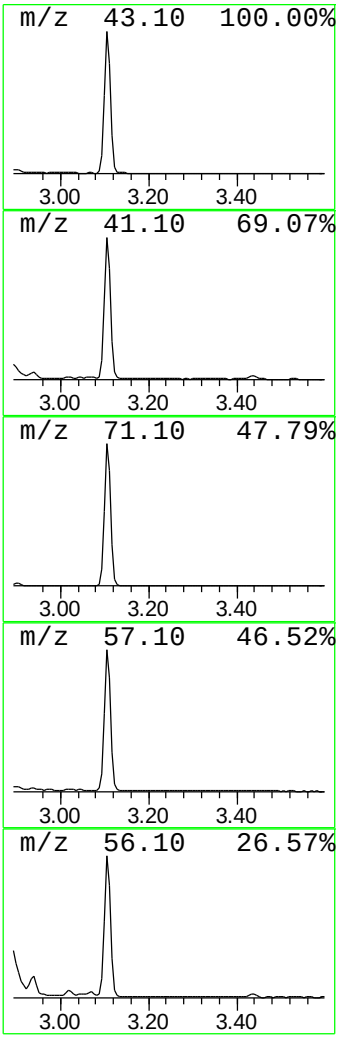
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	48.57 ng/ul	2232440	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	87
3	Heptane	100	C7H16	000142-82-5	86
4	Heptane	100	C7H16	000142-82-5	47
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





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Instrument : BNA_M
ClientSampleId : C0B48

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Quant Title : SVOA CALIBRATION

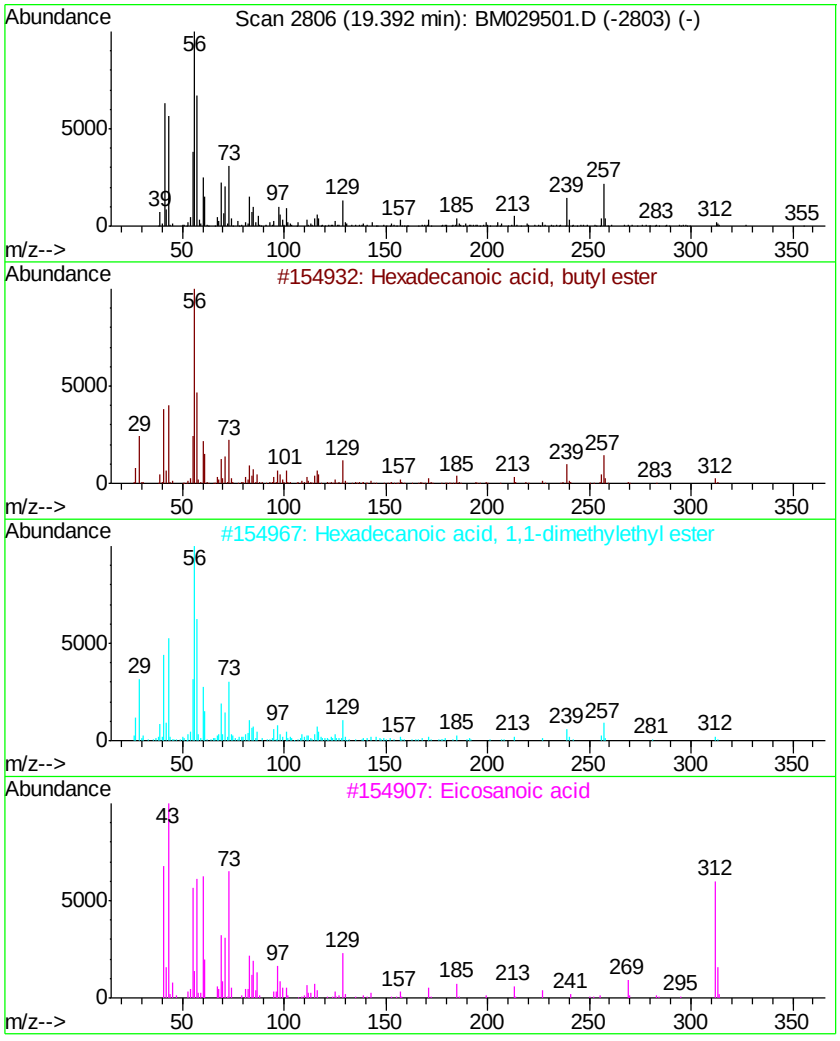
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

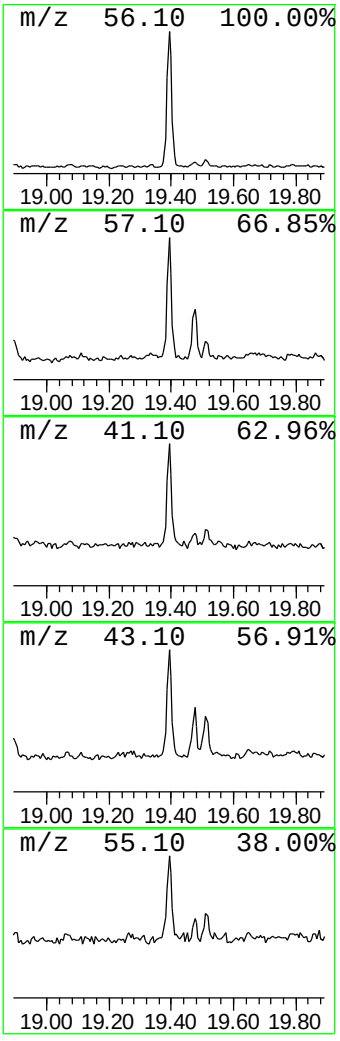
****

Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	3.64 ng/ul	248008	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
3	Eicosanoic acid	312	C20H40O2	000506-30-9	80
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	50
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	43





Library Search Compound Report

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Data File : BM029501.D
Acq On : 15 Apr 2021 13:46
Operator : CG/JU
Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

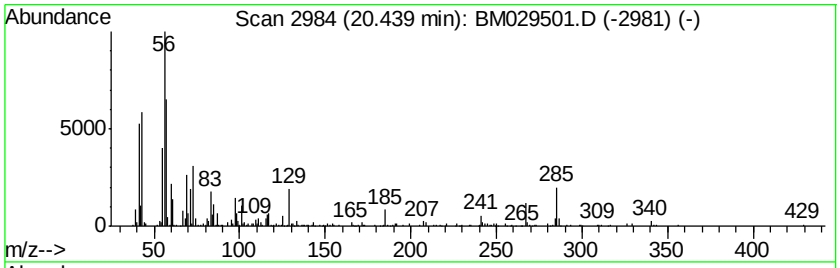
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

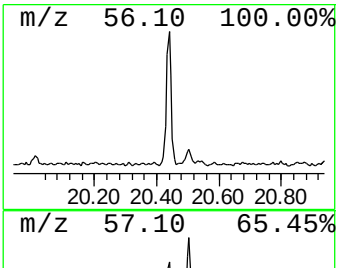
****

Peak Number 4 Butyl 15-methylhexadecanoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.91 ng/ul	198797	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl 15-methylhexadecanoate	326	C21H42O2	1000336-52-4	64
2	Butyl myristate	284	C18H36O2	000110-36-1	53
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	45
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	42
5	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	35





Library Search Compound Report

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

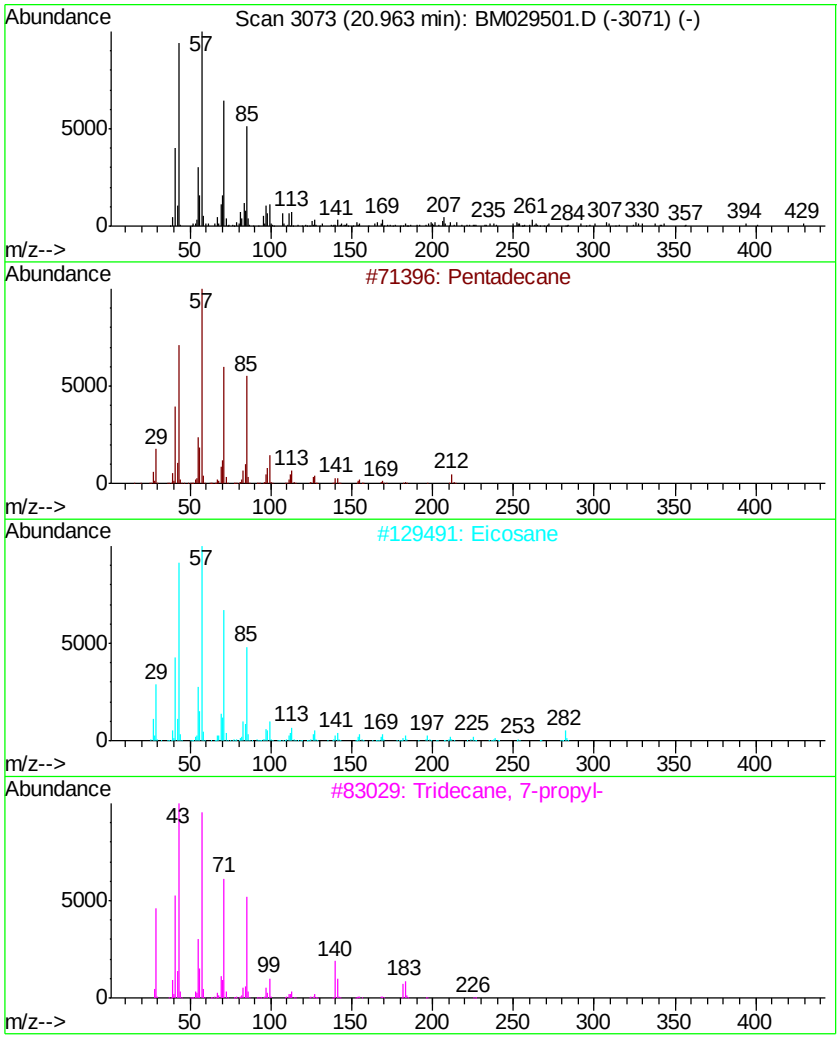
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

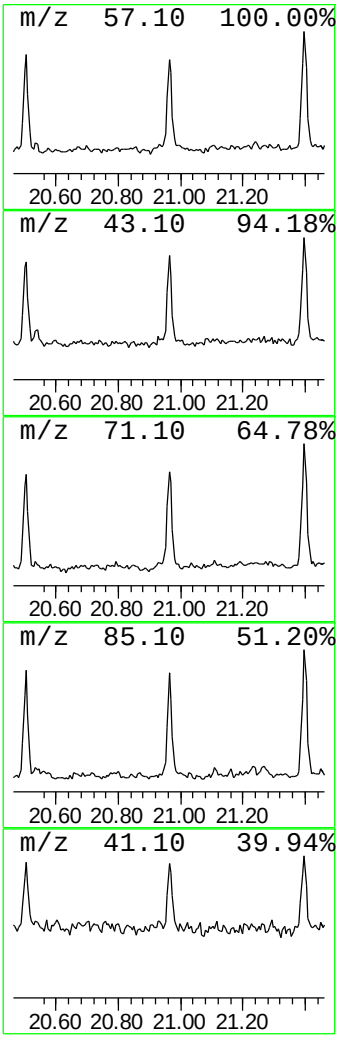
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.33 ng/ul	159281	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	80
2	Eicosane	282	C20H42	000112-95-8	80
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	80
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	80





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Data File : BM029501.D
Acq On : 15 Apr 2021 13:46
Operator : CG/JU
Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

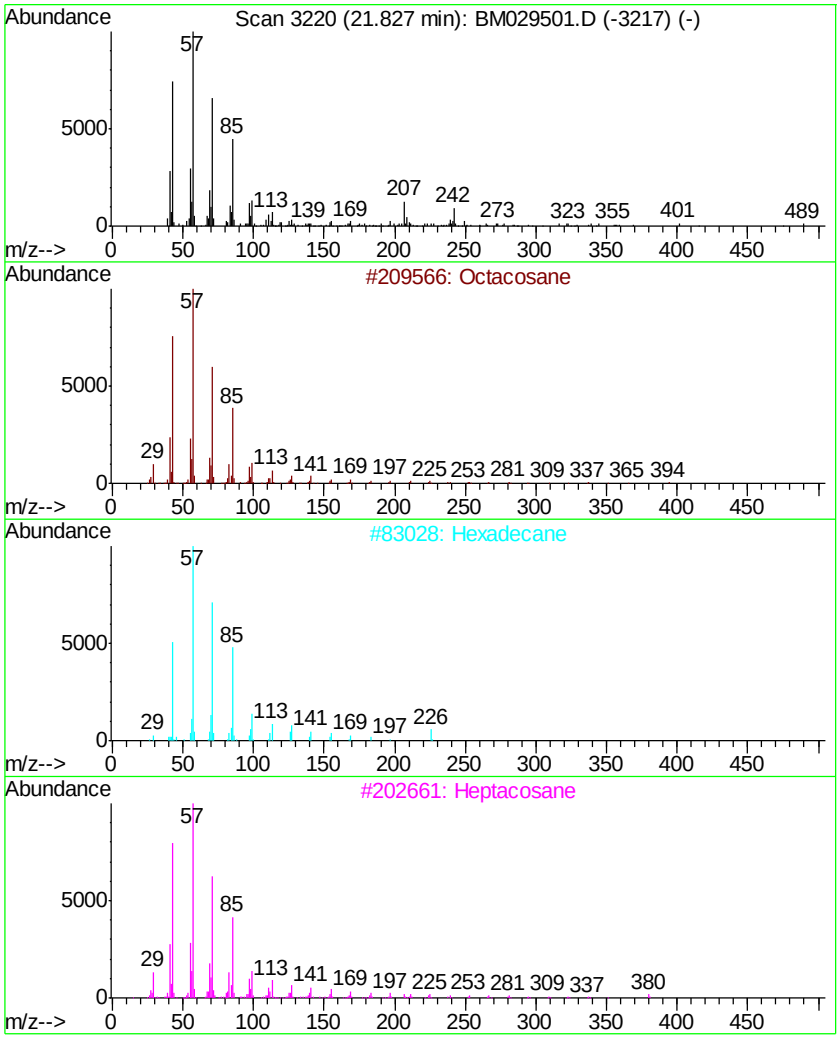
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

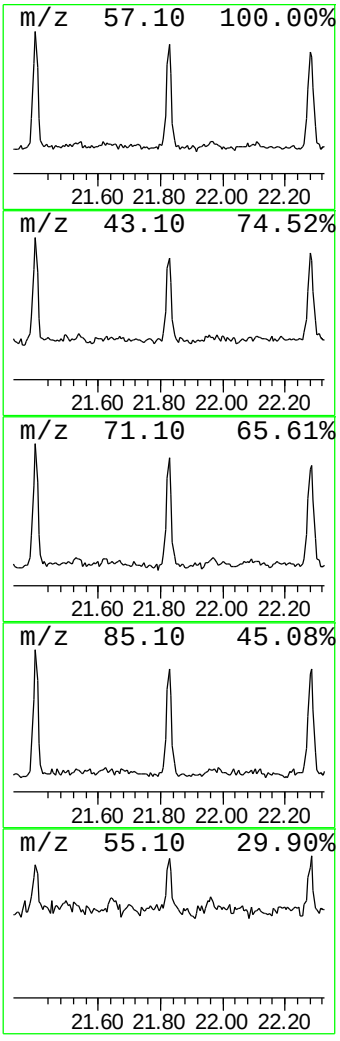
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.13 ng/ul	145645	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	81
2	Hexadecane	226	C16H34	000544-76-3	76
3	Heptacosane	380	C27H56	000593-49-7	74
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Tetracosane	338	C24H50	000646-31-1	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029501.D
Acq On : 15 Apr 2021 13:46
Operator : CG/JU
Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

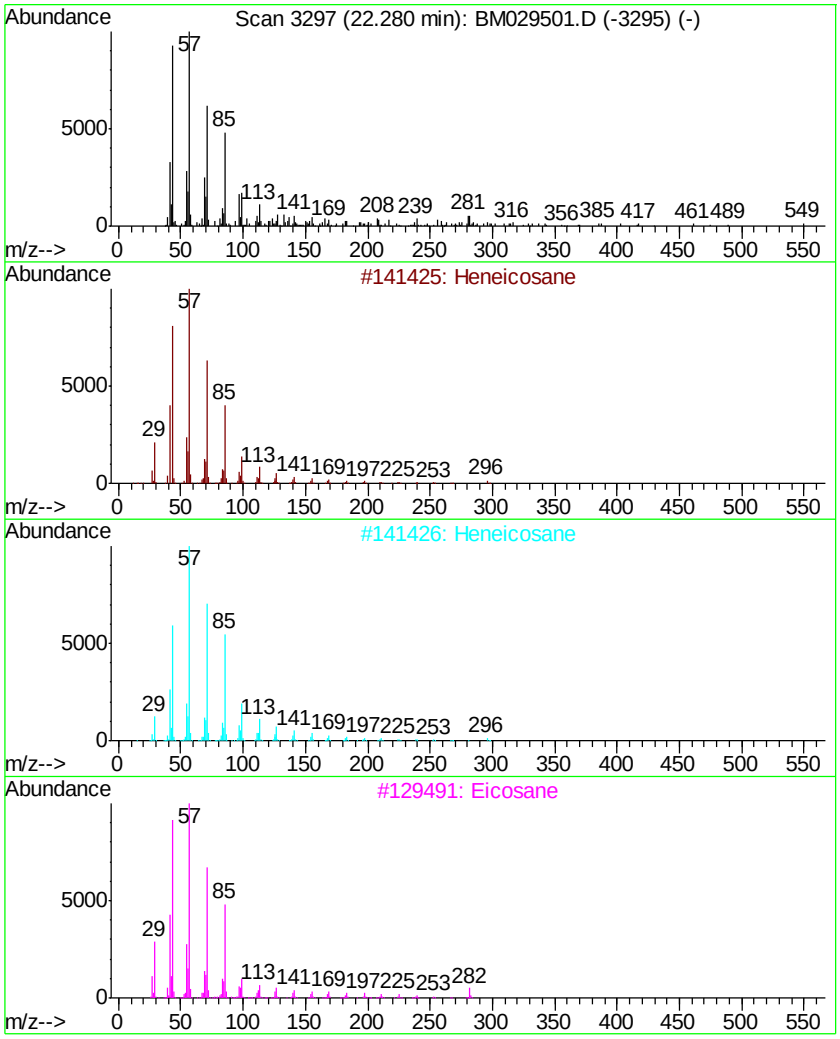
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

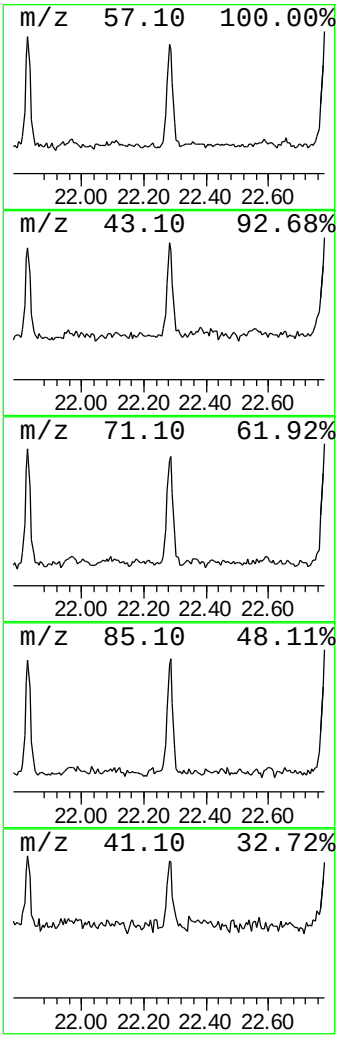
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	2.21 ng/ul	150719	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	93
3	Eicosane	282	C20H42	000112-95-8	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041521\
Data File : BM029501.D
Acq On : 15 Apr 2021 13:46
Operator : CG/JU
Sample : M1957-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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: Cyc...	2.94	2.8	ng/ul	130151	1	7.68	919227	20.0
(DEL) Alkane: Str...	3.10	48.6	ng/ul	2232440	1	7.68	919227	20.0
Hexadecanoic acid...	19.39	3.6	ng/ul	248008	5	21.23	1364540	20.0
Butyl 15-methylhe...	20.44	2.9	ng/ul	198797	5	21.23	1364540	20.0
(DEL) Alkane: Str...	20.96	2.3	ng/ul	159281	5	21.23	1364540	20.0
(DEL) Alkane: Str...	21.83	2.1	ng/ul	145645	5	21.23	1364540	20.0
(DEL) Alkane: Str...	22.28	2.2	ng/ul	150719	5	21.23	1364540	20.0