LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022356.D
Acq On : 27 Aug 2019 07:39
Operator : HP/JU
Sample : K4464-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

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-BM082219MA.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	3.128	21	24	34	rVB2	5992	10049	0.65%	0.072%
2	3.710	118	123	130	rVB2	6001	9910	0.64%	0.071%
3	3.810	137	140	142	rBV2	1791	1671	0.11%	0.012%
4	4.199	203	206	212	rVB2	2190	2978	0.19%	0.021%
5	6.616	614	617	622	rBV2	1911	2719	0.18%	0.020%
6	6.746	634	639	653	rVB	34937	65687	4.25%	0.472%
7	6.899	659	665	679	rBV	112745	196991	12.73%	1.414%
8	7.081	690	696	705	rVV	164086	264501	17.09%	1.899%
9	7.540	769	774	783	rBB	147045	235775	15.24%	1.693%
10	8.269	892	898	914	rBB	120173	209255	13.52%	1.502%
11	8.645	958	962	965	rVB2	1561	2113	0.14%	0.015%
12	8.716	967	974	985	rBV	194745	327205	21.15%	2.349%
13	9.422	1089	1094	1108	rVB	181139	307876	19.90%	2.210%
14	9.963	1180	1186	1204	rBV	186071	426743	27.58%	3.064%
15	10.081	1204	1206	1210	rVB2	1662	1964	0.13%	0.014%
16	10.316	1239	1246	1252	rBV	219472	358876	23.19%	2.576%
17	10.516	1275	1280	1287	rBV3	7639	14232	0.92%	0.102%
18	11.016	1361	1365	1373	rBV2	5299	10934	0.71%	0.078%
19	11.933	1518	1521	1525	rBB	2575	3439	0.22%	0.025%
20	13.627	1803	1809	1814	rBV	563893	758543	49.02%	5.446%
21	13.675	1814	1817	1825	rVB	61009	82183	5.31%	0.590%
22	13.892	1847	1854	1866	rBV	616624	872779	56.41%	6.266%
23	14.198	1900	1906	1915	rBV	381808	544665	35.20%	3.910%
24	14.286	1918	1921	1925	rVB	5209	5798	0.37%	0.042%
25	14.527	1957	1962	1971	rBV5	10429	30398	1.96%	0.218%
26	14.898	2018	2025	2031	rVB2	14536	21024	1.36%	0.151%
27	14.992	2035	2041	2043	rBV2	1728	2505	0.16%	0.018%
28	15.045	2047	2050	2055	rBB	2362	2761	0.18%	0.020%
29	15.204	2071	2077	2088	rBV	808583	1109594	71.71%	7.966%
30	15.374	2102	2106	2116	rBV	180948	282196	18.24%	2.026%
31	15.445	2116	2118	2124	rVB2	6809	8266	0.53%	0.059%
32	15.592	2138	2143	2147	rVB	3561	5001	0.32%	0.036%
33	15.992	2209	2211	2214	rVB2	1887	1744	0.11%	0.013%
34	16.551	2303	2306	2310	rVB	5733	5493	0.36%	0.039%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022356.D
Acq On : 27 Aug 2019 07:39
Operator : HP/JU
Sample : K4464-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

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-BM082219MA.M
Title : SVOA CALIBRATION

35	16.916	2364	2368	2370	rBV2	3448	3419	0.22%	0.025%
36	16.963	2370	2376	2387	rVB2	502128	668978	43.24%	4.803%
37	17.068	2387	2394	2404	rBV	863037	1266545	81.86%	9.093%
38	17.468	2458	2462	2466	rVB2	3381	4212	0.27%	0.030%
39	17.627	2484	2489	2495	rVB	462503	533805	34.50%	3.832%
40	17.745	2504	2509	2511	rVB2	1566	1858	0.12%	0.013%
41	17.863	2524	2529	2535	rBV2	48451	72409	4.68%	0.520%
42	17.945	2538	2543	2549	rVB3	2586	5106	0.33%	0.037%
43	18.080	2560	2566	2583	rBV	458120	670927	43.36%	4.817%
44	18.245	2590	2594	2598	rVB5	1506	2458	0.16%	0.018%
45	18.386	2615	2618	2621	rBV3	1249	1989	0.13%	0.014%
46	18.551	2642	2646	2647	rBV3	1959	1949	0.13%	0.014%
47	18.651	2659	2663	2666	rBV3	3745	5506	0.36%	0.040%
48	18.774	2682	2684	2690	rVB3	4314	5186	0.34%	0.037%
49	19.009	2720	2724	2727	rBV2	9030	11552	0.75%	0.083%
50	19.151	2744	2748	2755	rBV4	23990	33353	2.16%	0.239%
51	19.268	2764	2768	2775	rVB2	10306	14725	0.95%	0.106%
52	19.333	2775	2779	2780	rBV4	2297	2573	0.17%	0.018%
53	19.374	2780	2786	2796	rBV	1229331	1547286	100.00%	11.108%
54	19.604	2824	2825	2827	rBV2	2779	1915	0.12%	0.014%
55	19.627	2827	2829	2830	rVB	2499	1555	0.10%	0.011%
56	19.645	2830	2832	2835	rBV4	2138	3069	0.20%	0.022%
57	19.904	2873	2876	2881	rVB2	14167	14849	0.96%	0.107%
58	20.168	2919	2921	2923	rBV3	3908	5193	0.34%	0.037%
59	20.309	2943	2945	2947	rBV3	4343	3708	0.24%	0.027%
60	20.404	2957	2961	2965	rBV	24133	29575	1.91%	0.212%
61	20.868	3037	3040	3047	rBV	71300	91681	5.93%	0.658%
62	21.180	3088	3093	3099	rBV	496554	655803	42.38%	4.708%
63	21.309	3111	3115	3120	rBV2	49345	57785	3.73%	0.415%
64	21.733	3183	3187	3190	rBV2	64302	72702	4.70%	0.522%
65	22.180	3259	3263	3267	rBV	65692	79918	5.17%	0.574%
66	22.662	3342	3345	3350	rVB	73057	97828	6.32%	0.702%
67	23.227	3434	3441	3453	rVB	615593	1185583	76.62%	8.512%
68	23.368	3459	3465	3476	rVB2	314035	588111	38.01%	4.222%

Sum of corrected areas: 13928979

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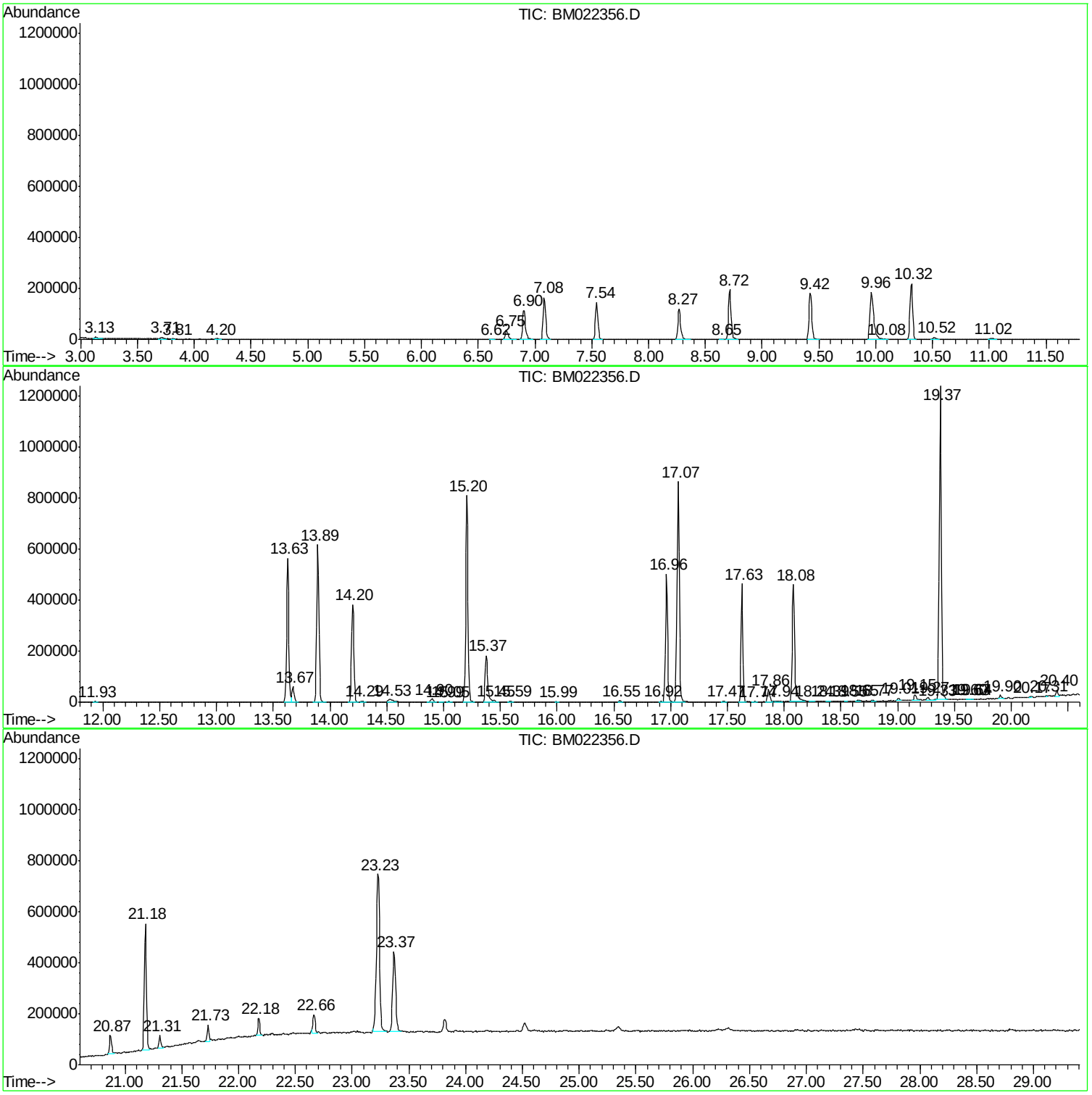
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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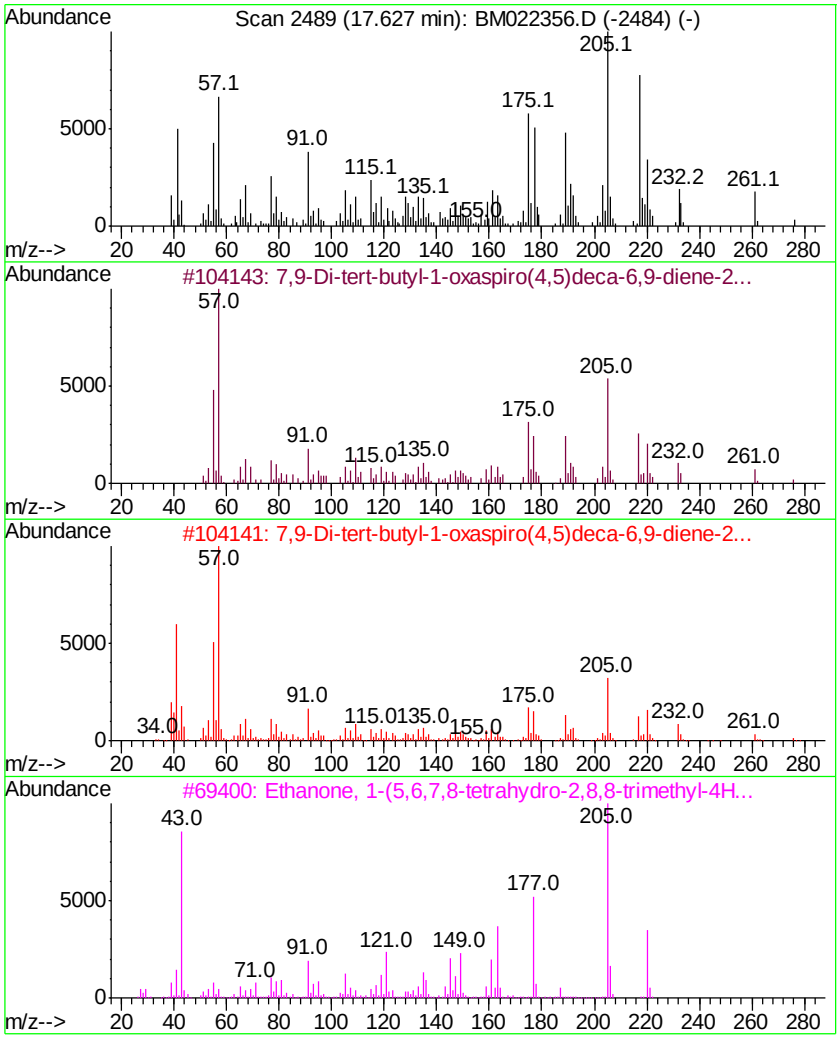
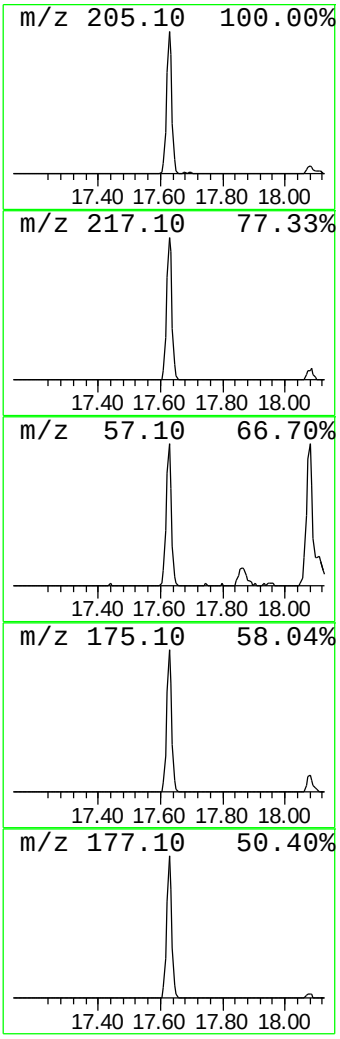
Peak Number 1 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	15.96 ng/ul	533805	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	83
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	76
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	35





Library Search Compound Report

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Operator : HP/JU
Sample : K4464-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

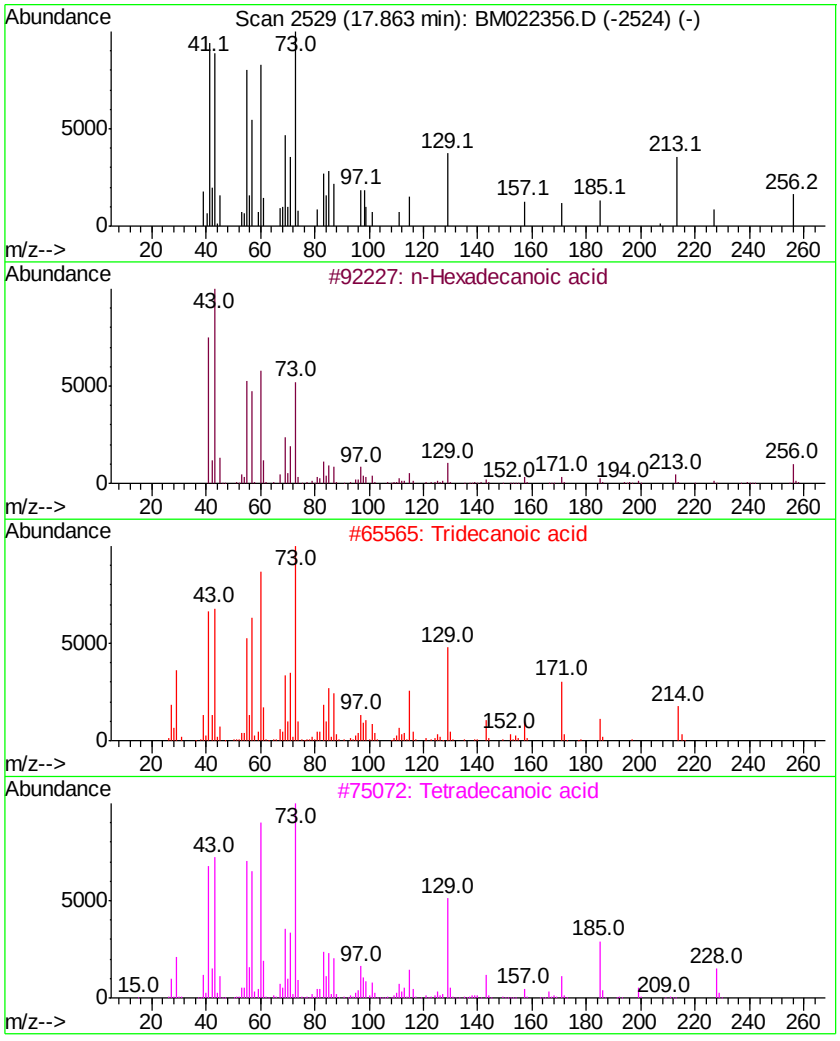
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

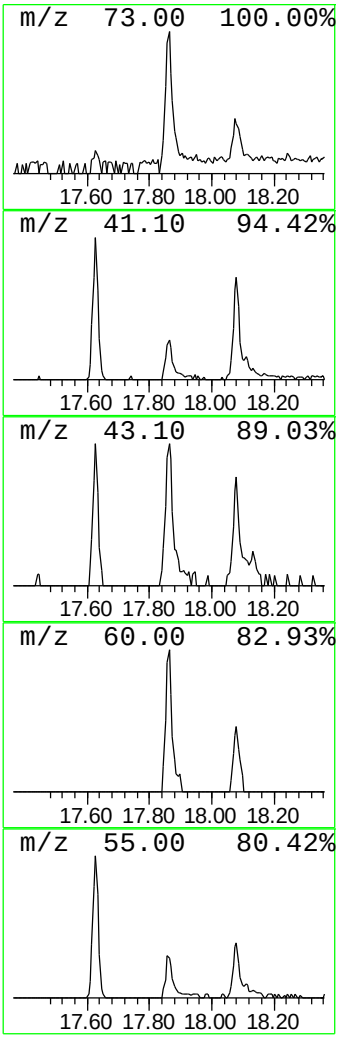
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.16 ng/ul	72409	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2	Tridecanoic acid	214	C13H26O2	000638-53-9	59
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Library Search Compound Report

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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

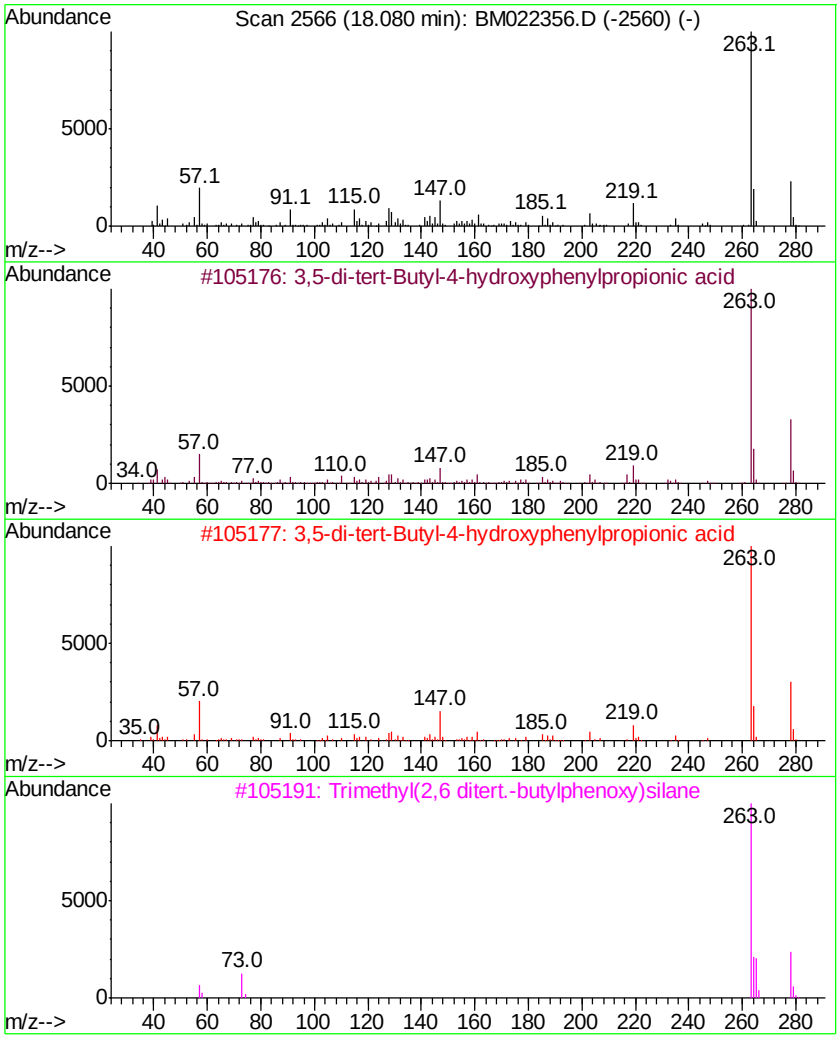
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

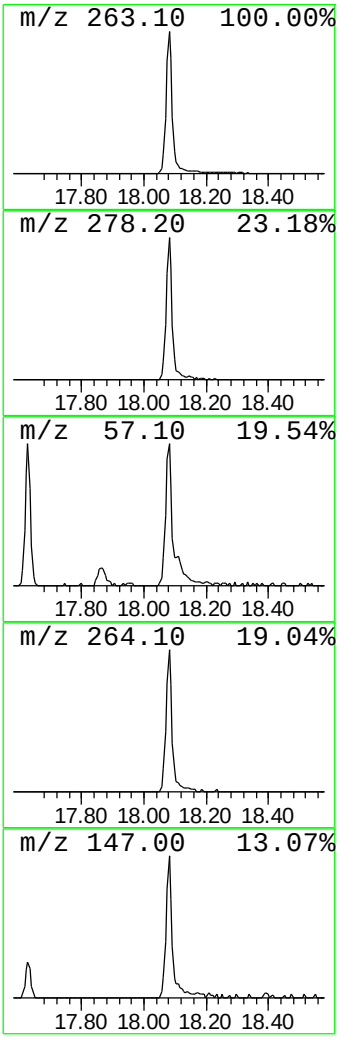
****

Peak Number 3 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	20.06 ng/ul	670927	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	94
2	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	93
3	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	64
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	60
5	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	53





Library Search Compound Report

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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

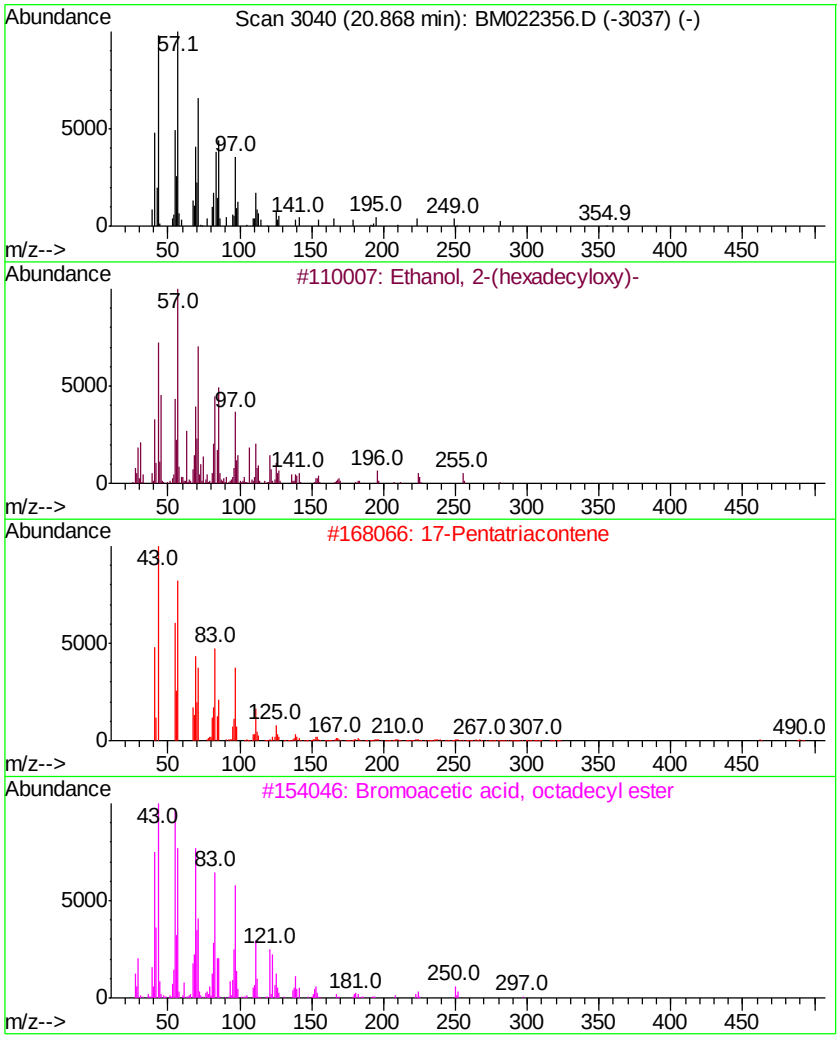
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

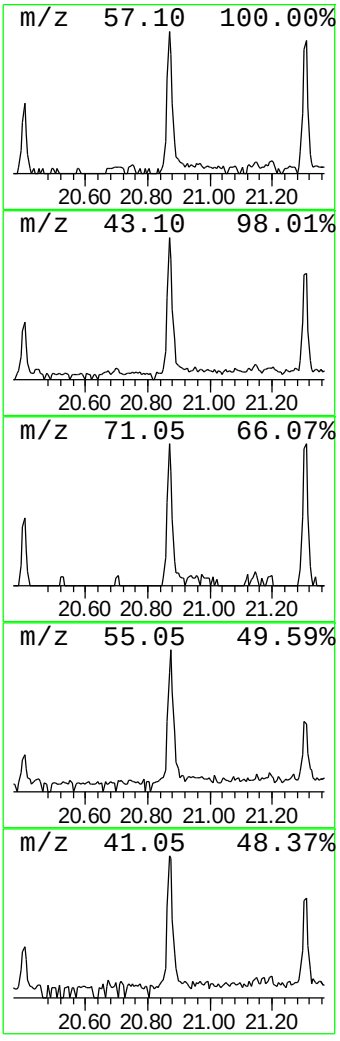
****

Peak Number 4 Ethanol, 2-(hexadecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.80 ng/ul	91681	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	64
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	58
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	58
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	58





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Data File : BM022356.D
Acq On : 27 Aug 2019 07:39
Operator : HP/JU
Sample : K4464-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

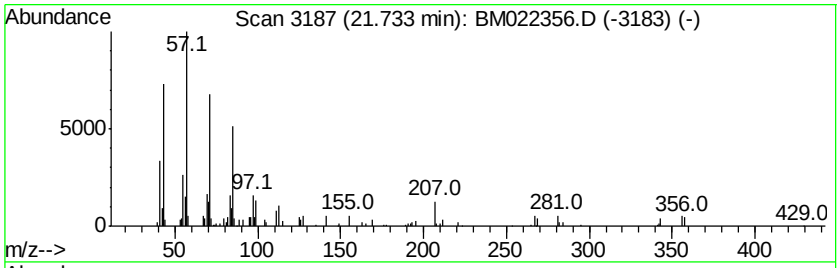
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

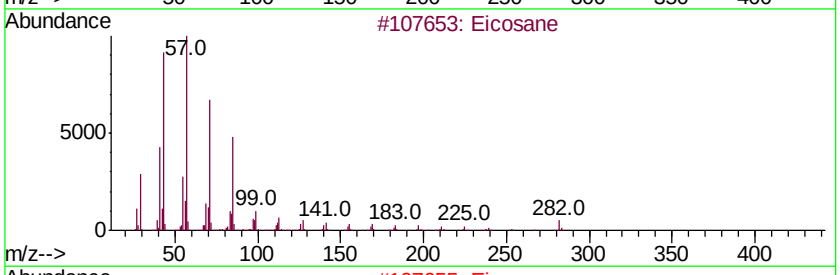
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

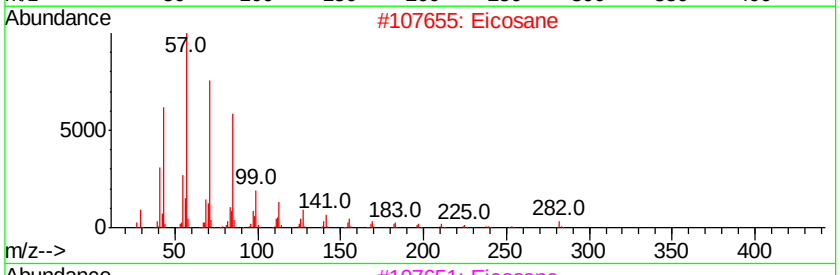
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

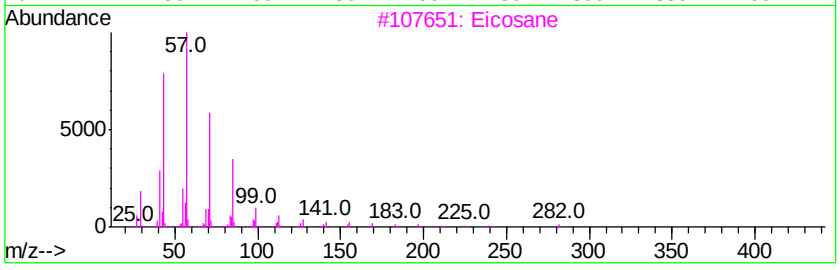
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.22 ng/ul	72702	Chrysene-d12	21.18

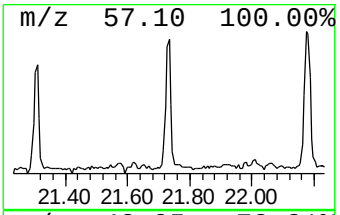
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetratetracontane	619	C44H90	007098-22-8	76
5	Tetracosane	338	C24H50	000646-31-1	72

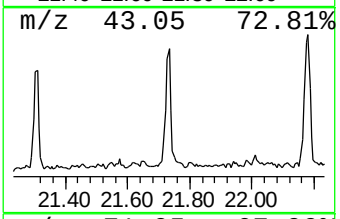


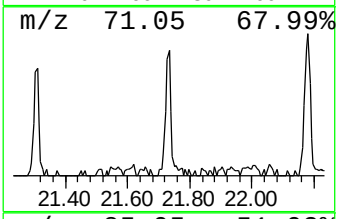


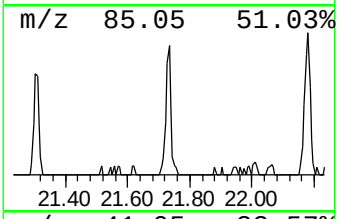


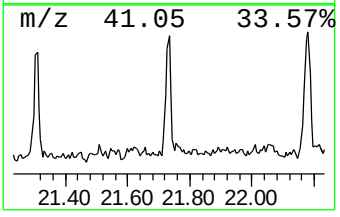












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022356.D
Acq On : 27 Aug 2019 07:39
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

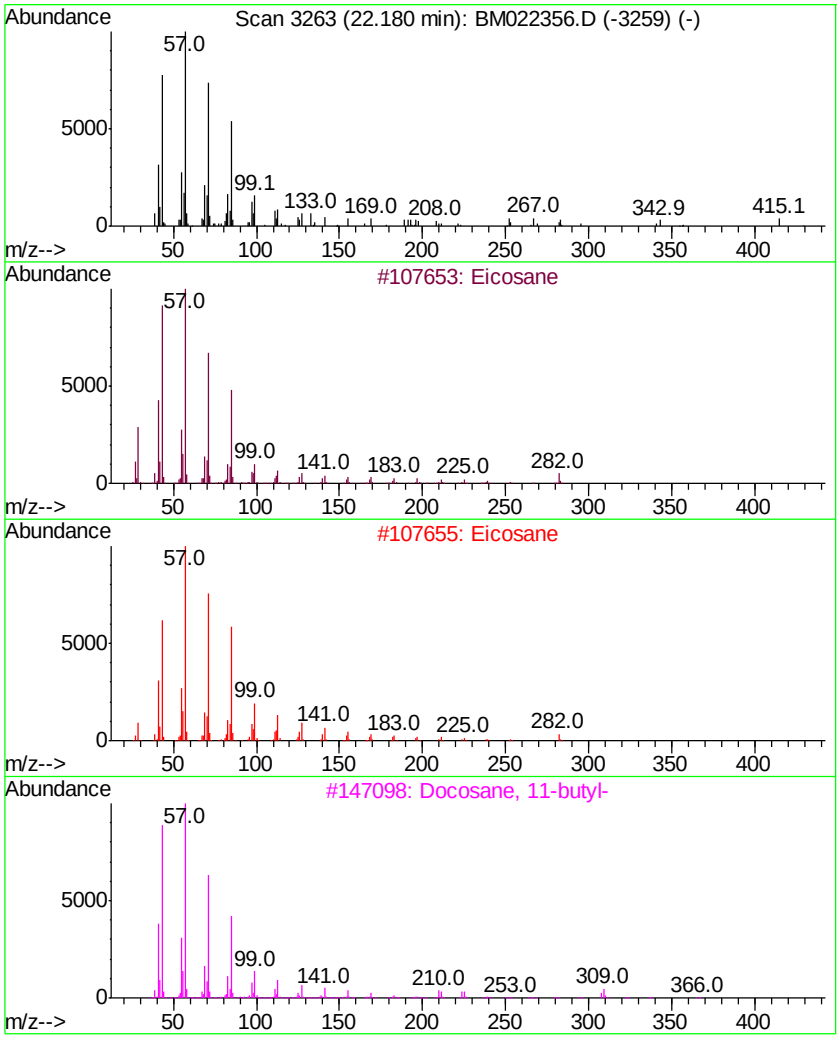
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

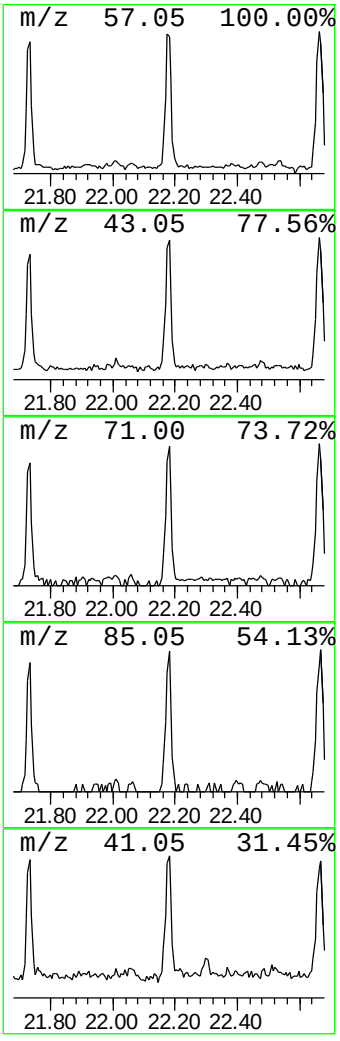
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	2.44 ng/ul	79918	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022356.D
Acq On : 27 Aug 2019 07:39
Operator : HP/JU
Sample : K4464-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJT8

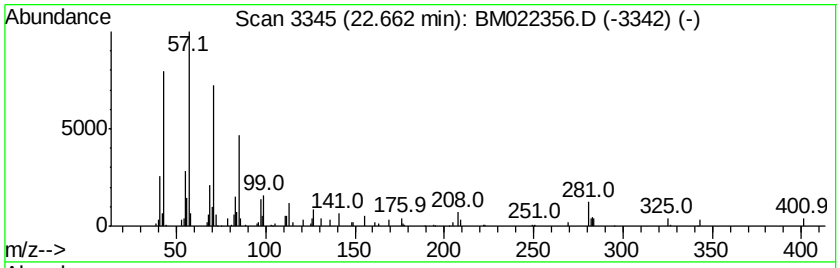
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

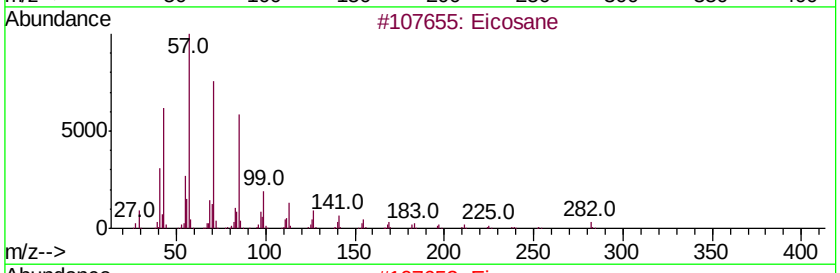
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

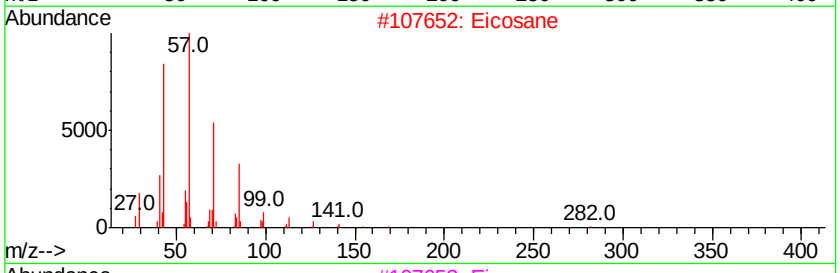
****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

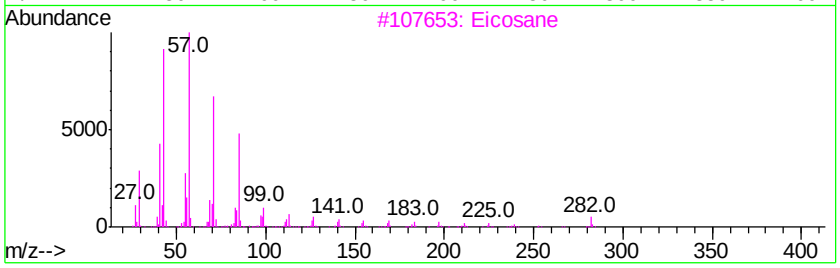
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	3.33 ng/ul	97828	Perylene-d12	23.37

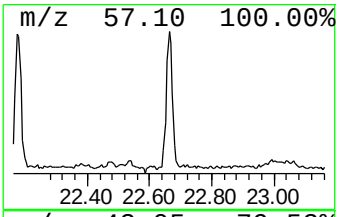
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	95
3	Eicosane	282	C20H42	000112-95-8	89
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
5	Octacosane	394	C28H58	000630-02-4	76

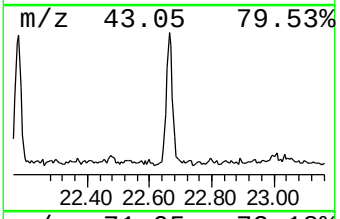


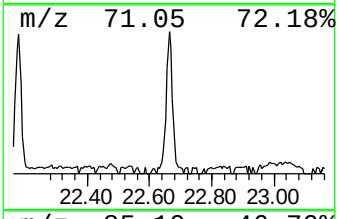


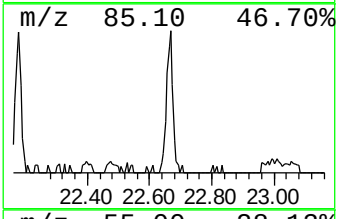


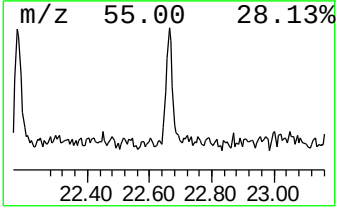












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022356.D
Acq On : 27 Aug 2019 07:39
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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
7,9-Di-tert-butyl...	17.63	16.0	ng/ul	533805	4	16.96	668978	20.0
n-Hexadecanoic acid	17.86	2.2	ng/ul	72409	4	16.96	668978	20.0
3,5-di-tert-Butyl...	18.08	20.1	ng/ul	670927	4	16.96	668978	20.0
Ethanol, 2-(hexad...	20.87	2.8	ng/ul	91681	5	21.18	655803	20.0
(DEL) Alkane: Str...	21.73	2.2	ng/ul	72702	5	21.18	655803	20.0
(DEL) Alkane: Str...	22.18	2.4	ng/ul	79918	5	21.18	655803	20.0
(DEL) Alkane: Str...	22.66	3.3	ng/ul	97828	6	23.37	588111	20.0