LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

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-BM061220MA.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	2.969	11	14	18	rBV5	7121	9280	0.45%	0.050%
2	3.463	96	98	101	rBV4	3412	3629	0.17%	0.020%
3	3.575	115	117	124	rVB6	5522	8601	0.41%	0.046%
4	3.652	127	130	136	rBV5	5949	10153	0.49%	0.055%
5	3.887	168	170	176	rVB7	4032	5558	0.27%	0.030%
6	4.093	203	205	208	rVB3	2428	2397	0.12%	0.013%
7	4.557	280	284	289	rVB	8597	10853	0.52%	0.058%
8	6.287	576	578	582	rVB4	1505	2112	0.10%	0.011%
9	6.581	622	628	640	rBV	128324	235949	11.34%	1.270%
10	6.693	642	647	649	rVV2	15318	22276	1.07%	0.120%
11	6.728	649	653	664	rVB	157241	252434	12.13%	1.359%
12	6.916	678	685	695	rBV	192352	324553	15.59%	1.748%
13	7.016	700	702	708	rVB6	2221	3365	0.16%	0.018%
14	7.369	756	762	772	rBV	349231	549280	26.39%	2.958%
15	7.463	775	778	781	rBV3	4488	6415	0.31%	0.035%
16	8.098	880	886	902	rBV	228574	396370	19.04%	2.134%
17	8.204	902	904	909	rVB4	2569	3555	0.17%	0.019%
18	8.522	951	958	967	rBV	183113	314708	15.12%	1.695%
19	8.716	986	991	993	rBV4	1847	2683	0.13%	0.014%
20	8.969	1032	1034	1041	rVB2	2731	3899	0.19%	0.021%
21	9.234	1073	1079	1090	rBV	97884	168934	8.12%	0.910%
22	9.775	1164	1171	1191	rBV	198628	400643	19.25%	2.157%
23	10.128	1224	1231	1239	rBV	554679	884045	42.47%	4.760%
24	10.286	1251	1258	1277	rBV	198755	431089	20.71%	2.321%
25	11.757	1502	1508	1513	rVB5	2091	4334	0.21%	0.023%
26	12.375	1609	1613	1617	rVB5	3184	4220	0.20%	0.023%
27	12.639	1652	1658	1662	rBV5	4061	6276	0.30%	0.034%
28	12.945	1702	1710	1715	rBV2	9239	13535	0.65%	0.073%
29	13.457	1791	1797	1801	rBV	555183	753811	36.22%	4.059%
30	13.504	1801	1805	1817	rVB	544078	747857	35.93%	4.027%
31	13.716	1835	1841	1853	rBV	392937	571310	27.45%	3.076%
32	13.969	1880	1884	1888	rVB4	2781	3874	0.19%	0.021%
33	14.027	1888	1894	1903	rBV	901838	1292014	62.07%	6.957%
34	14.392	1952	1956	1962	rBV5	1416	2669	0.13%	0.014%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

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-BM061220MA.M
Title : SVOA CALIBRATION

35	14.516	1973	1977	1981	rBV5	2053	3351	0.16%	0.018%
36	14.874	2033	2038	2040	rBV4	3651	4916	0.24%	0.026%
37	14.933	2045	2048	2052	rVB3	2869	3186	0.15%	0.017%
38	15.033	2059	2065	2079	rBV	417759	612556	29.43%	3.298%
39	15.204	2090	2094	2098	rVB5	1553	2360	0.11%	0.013%
40	15.274	2104	2106	2110	rBV4	2332	2690	0.13%	0.014%
41	15.727	2177	2183	2186	rBV4	2877	5456	0.26%	0.029%
42	15.792	2188	2194	2197	rBV6	7267	15423	0.74%	0.083%
43	15.974	2219	2225	2226	rBV4	1529	2588	0.12%	0.014%
44	16.586	2320	2329	2333	rBV5	6296	11012	0.53%	0.059%
45	16.645	2335	2339	2340	rBV3	1707	2106	0.10%	0.011%
46	16.786	2355	2363	2369	rBV	1185221	1611603	77.43%	8.677%
47	16.886	2374	2380	2389	rVV	380209	558013	26.81%	3.005%
48	17.262	2442	2444	2447	rBV4	2210	2883	0.14%	0.016%
49	17.321	2452	2454	2460	rVB5	2944	4487	0.22%	0.024%
50	17.498	2483	2484	2489	rBV4	2238	2354	0.11%	0.013%
51	17.674	2510	2514	2515	rBV4	2290	2700	0.13%	0.015%
52	17.721	2518	2522	2530	rBV2	35617	58609	2.82%	0.316%
53	17.786	2530	2533	2536	rVB2	7870	10998	0.53%	0.059%
54	17.862	2544	2546	2549	rVB3	3940	2517	0.12%	0.014%
55	18.015	2570	2572	2576	rVB5	3199	3606	0.17%	0.019%
56	18.086	2581	2584	2589	rBV7	1724	2950	0.14%	0.016%
57	18.180	2597	2600	2603	rBV5	2072	2345	0.11%	0.013%
58	18.262	2611	2614	2617	rBV5	2902	4115	0.20%	0.022%
59	18.368	2629	2632	2636	rBV5	3306	4457	0.21%	0.024%
60	18.480	2646	2651	2656	rBV8	2412	6244	0.30%	0.034%
61	18.662	2678	2682	2684	rBV4	6489	7274	0.35%	0.039%
62	18.827	2707	2710	2711	rBV3	3825	3103	0.15%	0.017%
63	18.857	2711	2715	2723	rVB	30202	43936	2.11%	0.237%
64	19.021	2739	2743	2748	rVV6	13977	25130	1.21%	0.135%
65	19.192	2766	2772	2780	rBV	496951	685284	32.92%	3.690%
66	19.251	2780	2782	2786	rVB4	8767	7673	0.37%	0.041%
67	19.786	2871	2873	2877	rVB	16159	17746	0.85%	0.096%
68	20.286	2956	2958	2962	rVB2	28668	30679	1.47%	0.165%
69	20.586	3007	3009	3012	rBV3	14491	14875	0.71%	0.080%
70	20.751	3033	3037	3048	rBV	191201	285517	13.72%	1.537%
71	20.951	3068	3071	3073	rBV2	23538	27473	1.32%	0.148%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

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-BM061220MA.M
Title : SVOA CALIBRATION

72	20.998	3074	3079	3090	rVV	1697711	2081486	100.00%	11.207%
73	21.192	3108	3112	3116	rBV	123426	130608	6.27%	0.703%
74	21.609	3179	3183	3191	rBV	226745	284382	13.66%	1.531%
75	22.039	3252	3256	3262	rVB	287152	337957	16.24%	1.820%
76	22.503	3331	3335	3341	rVB	424409	522322	25.09%	2.812%
77	22.950	3407	3411	3417	rBV	282302	464039	22.29%	2.499%
78	23.015	3418	3422	3427	rVV	312122	457007	21.96%	2.461%
79	23.086	3427	3434	3445	rVB	1136096	2009881	96.56%	10.822%
80	23.597	3516	3521	3529	rBV	273285	451010	21.67%	2.428%
81	24.268	3631	3635	3642	rVB	161604	288681	13.87%	1.554%

Sum of corrected areas: 18572269

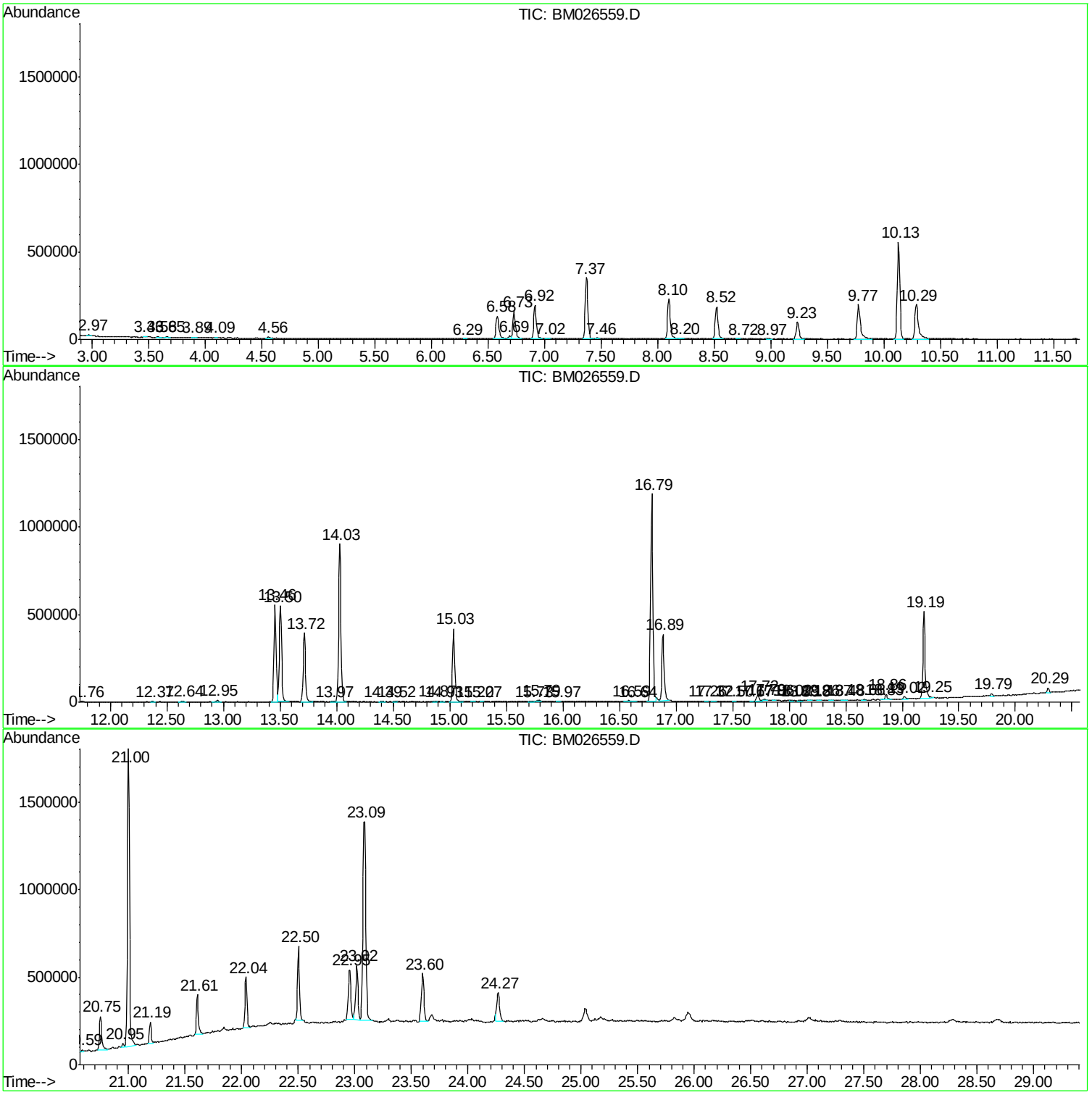
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.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 M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

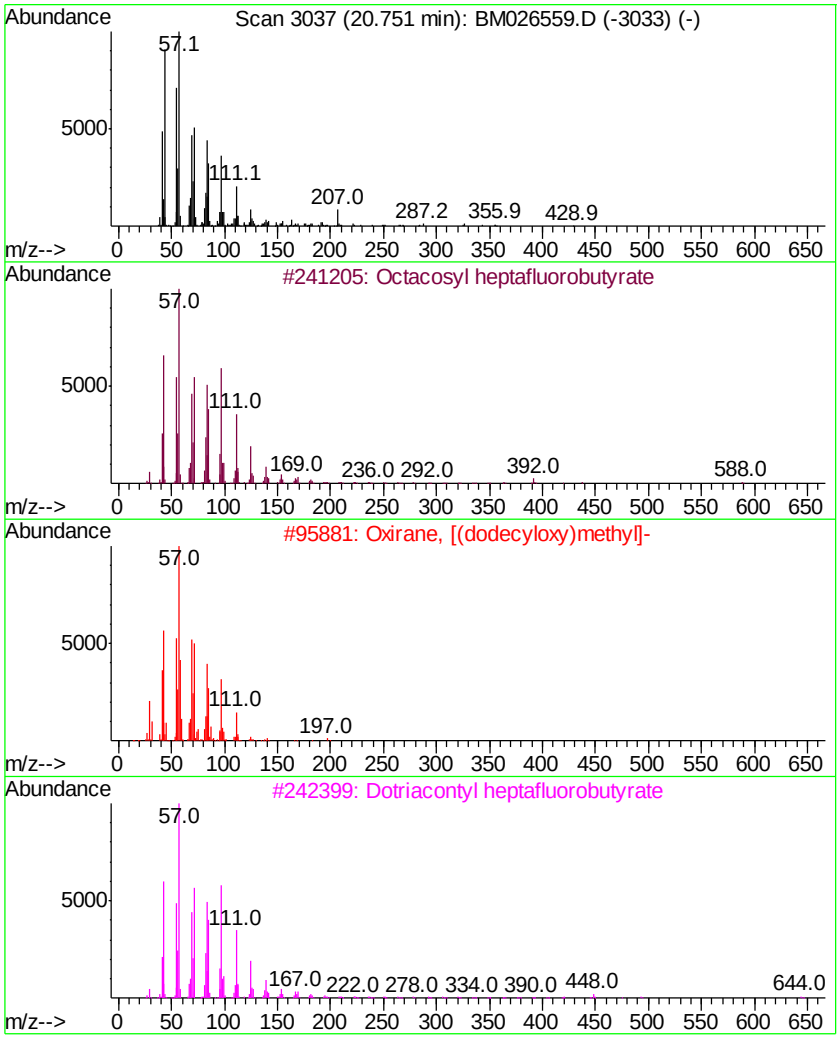
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

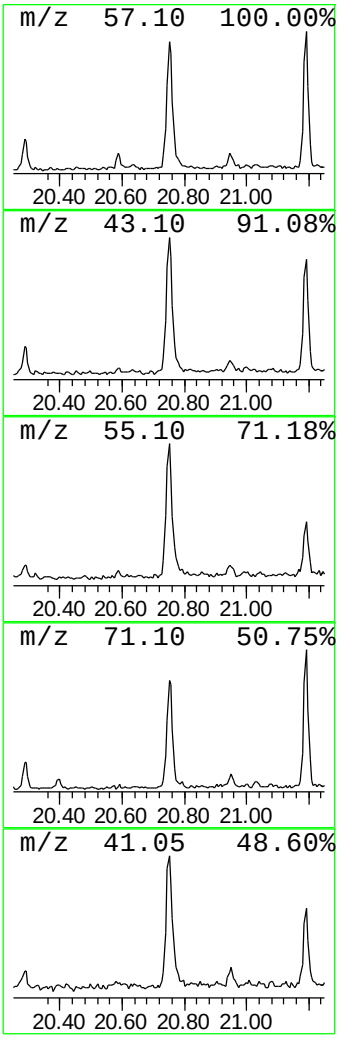
****

Peak Number 1 Octacosyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.74 ng/ul	285517	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
3	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91
4	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

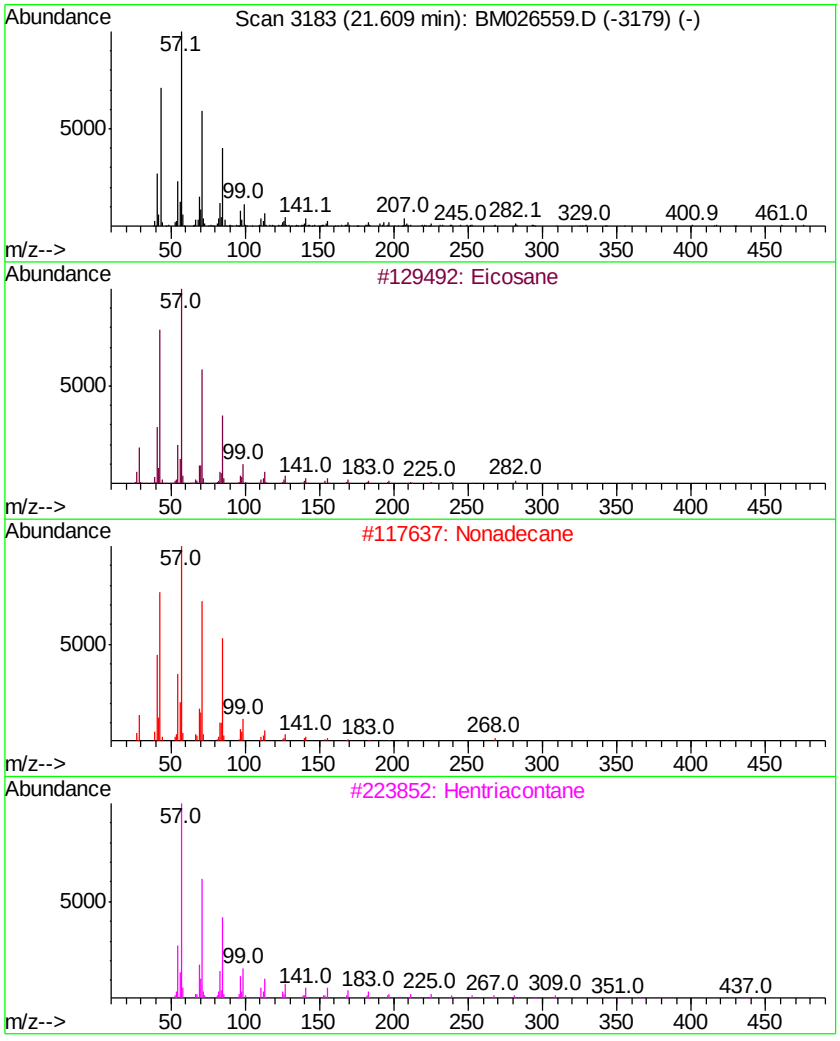
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

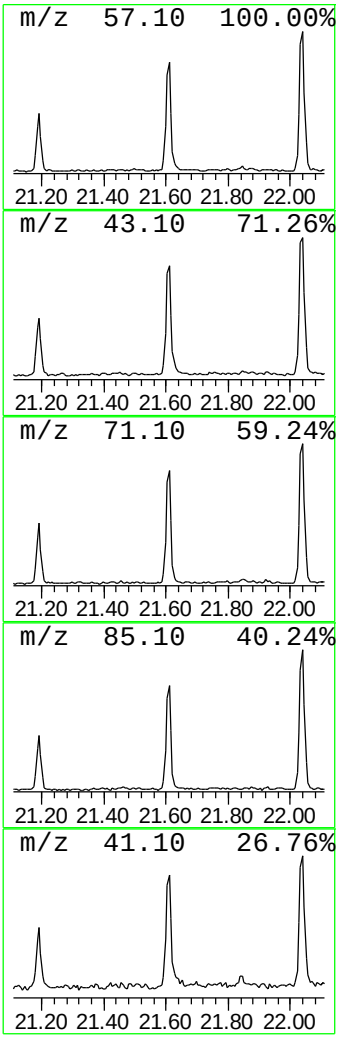
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	2.73 ng/ul	284382	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane	268	C19H40	000629-92-5	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

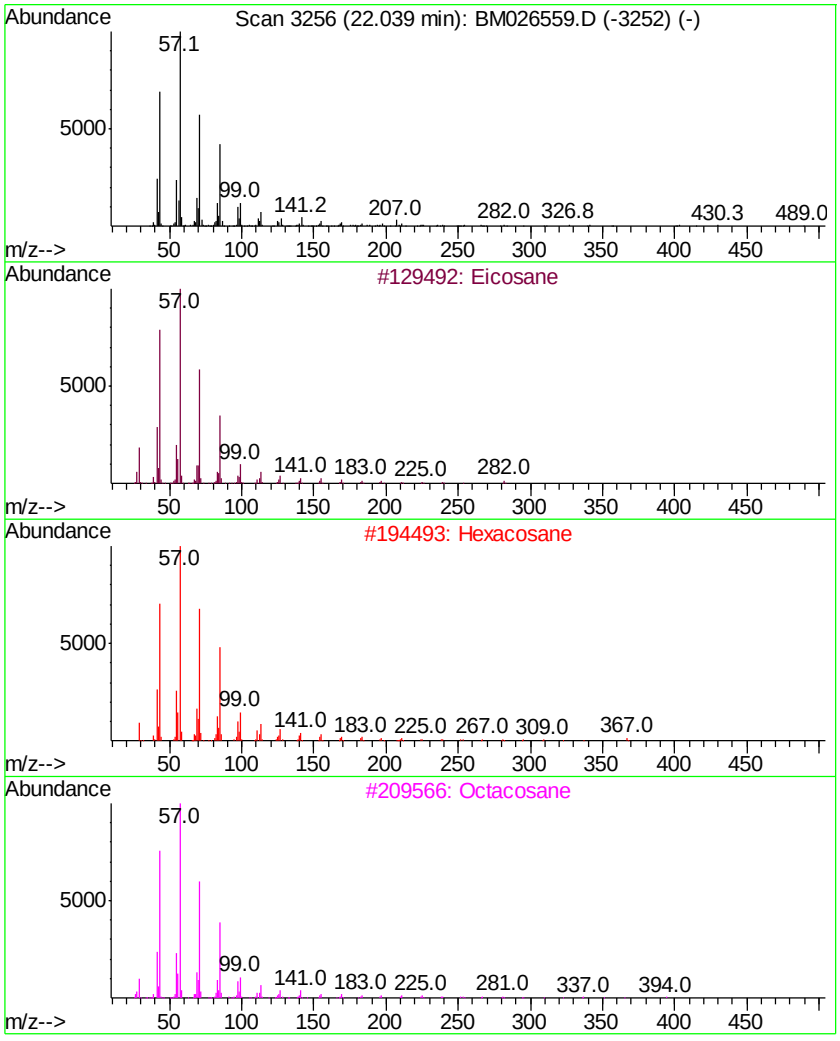
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

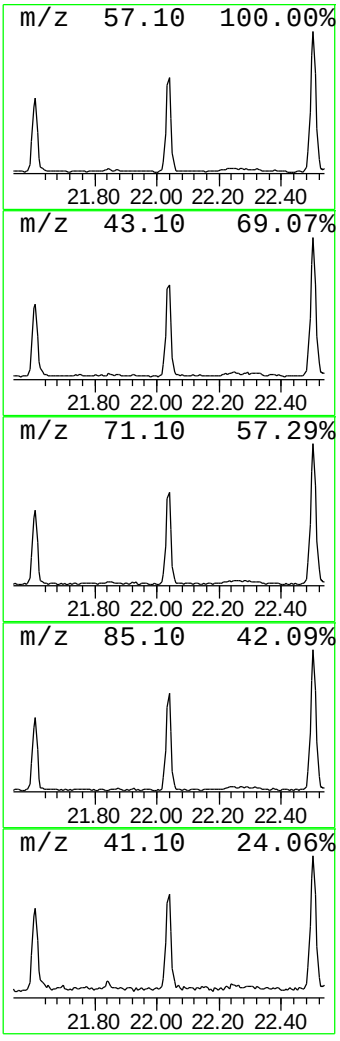
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	3.25 ng/ul	337957	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

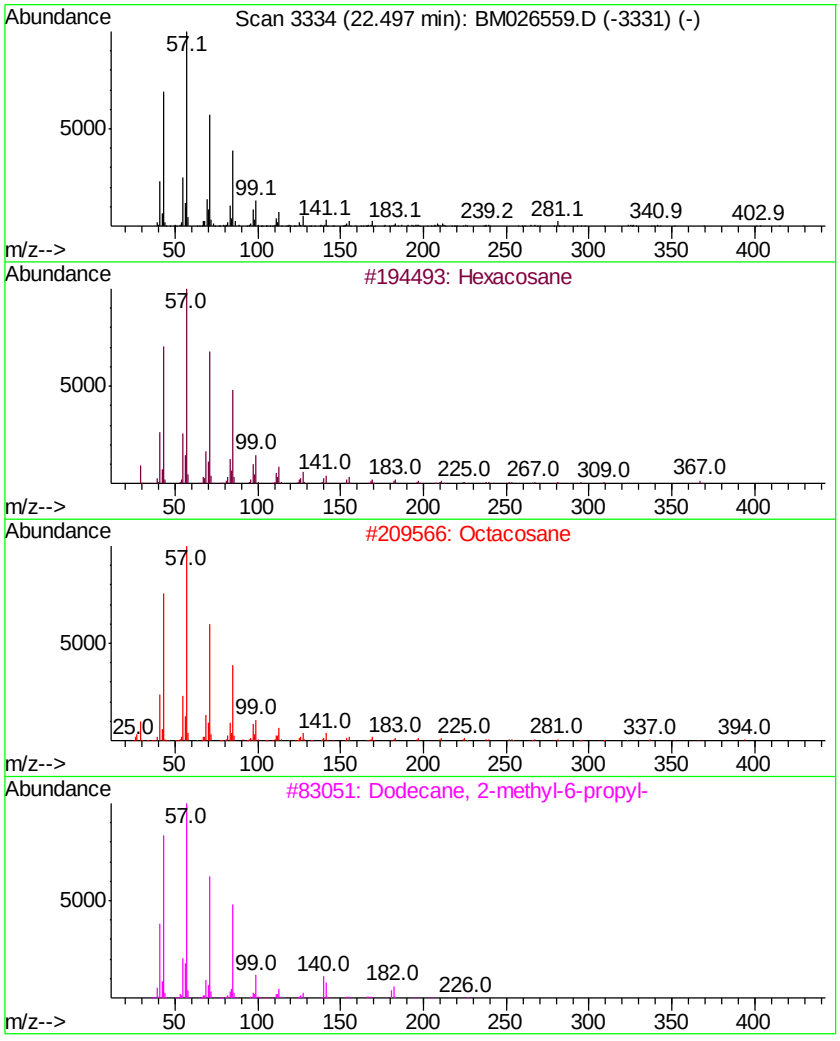
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

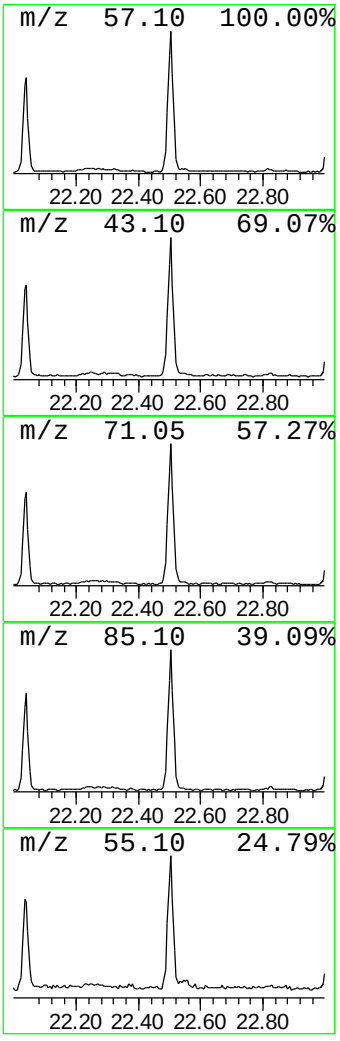
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	5.20 ng/ul	522322	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

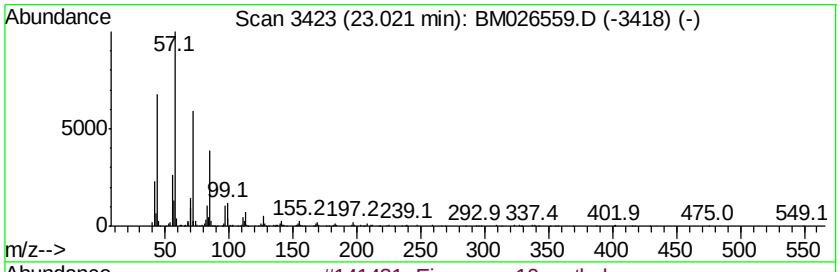
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

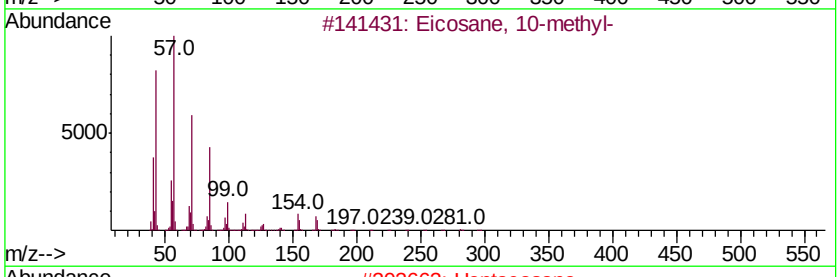
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

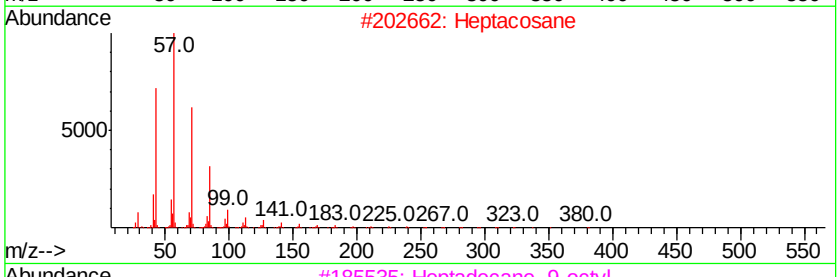
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

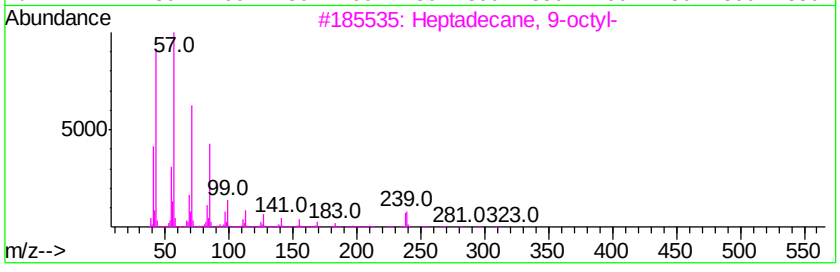
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	4.55 ng/ul	457007	Perylene-d12	23.09

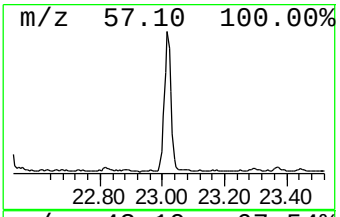
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
5	Heneicosane	296	C21H44	000629-94-7	87

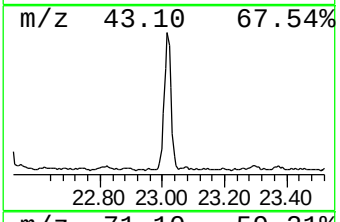


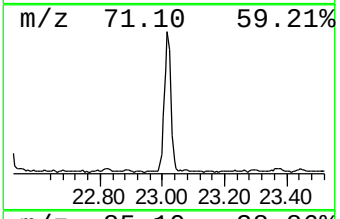


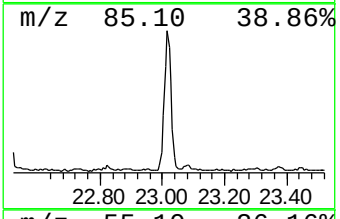


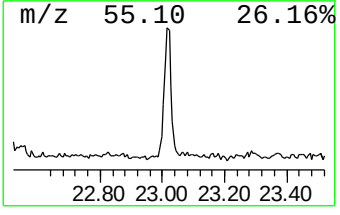












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Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

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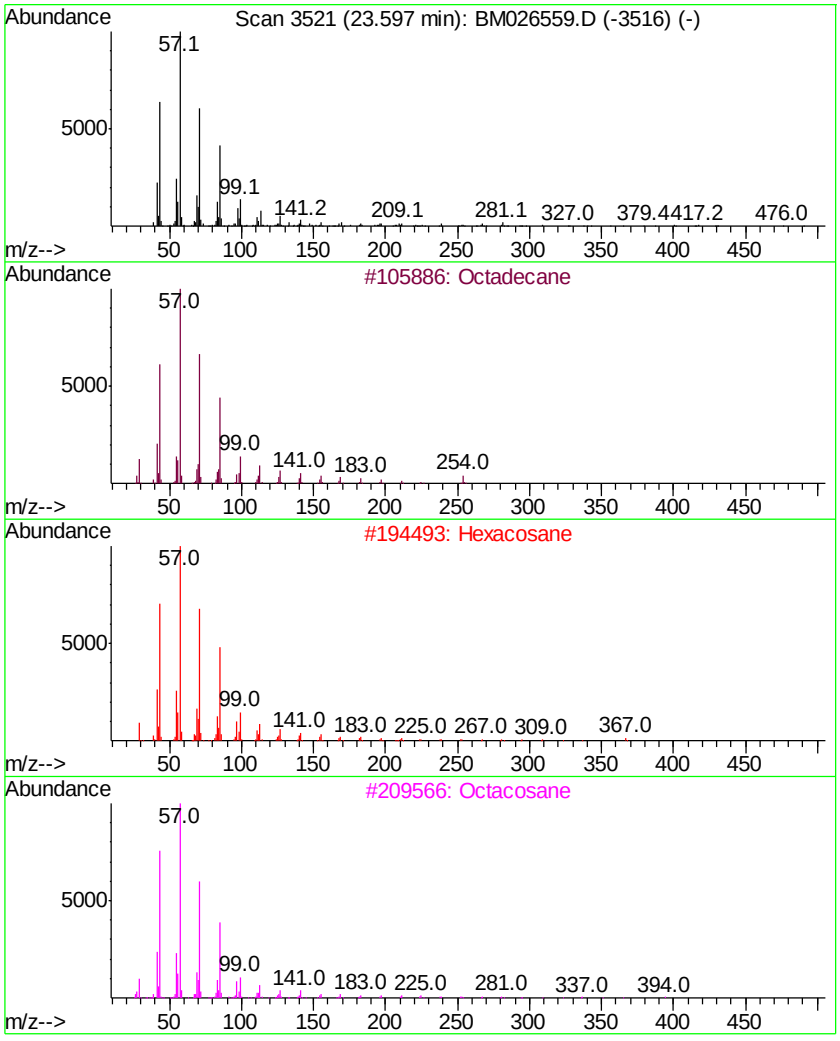
Quant Title : SVOA CALIBRATION

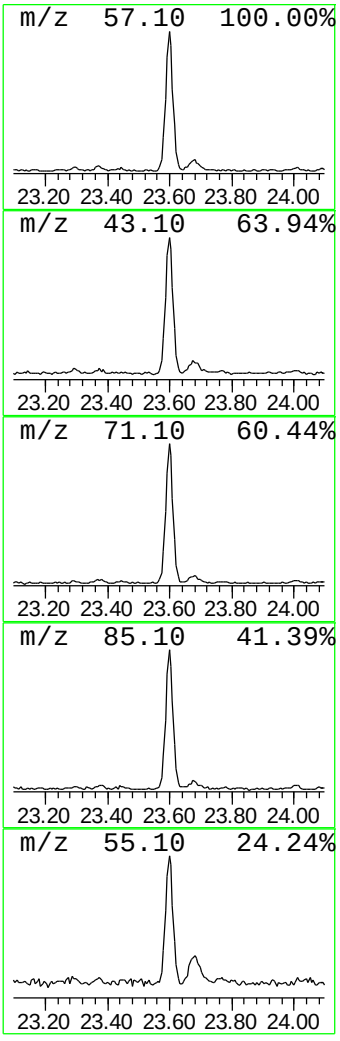
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	4.49 ng/ul	451010	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Hexacosane	366	C26H54	000630-01-3	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

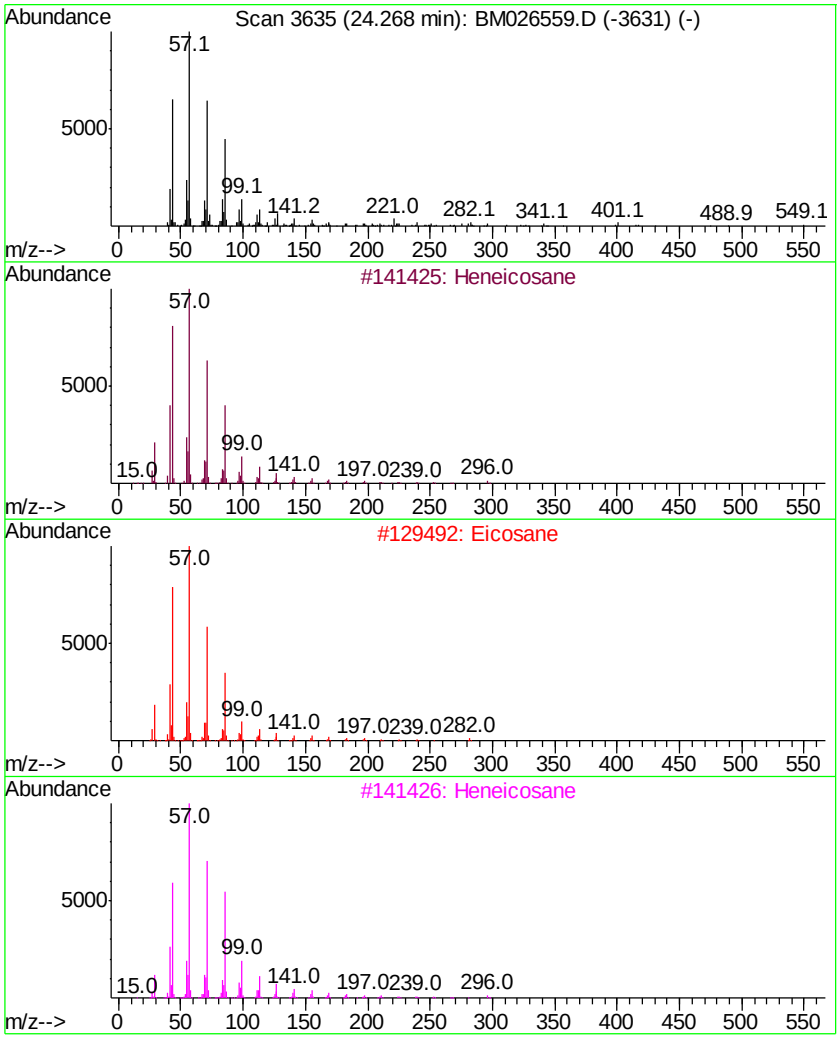
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

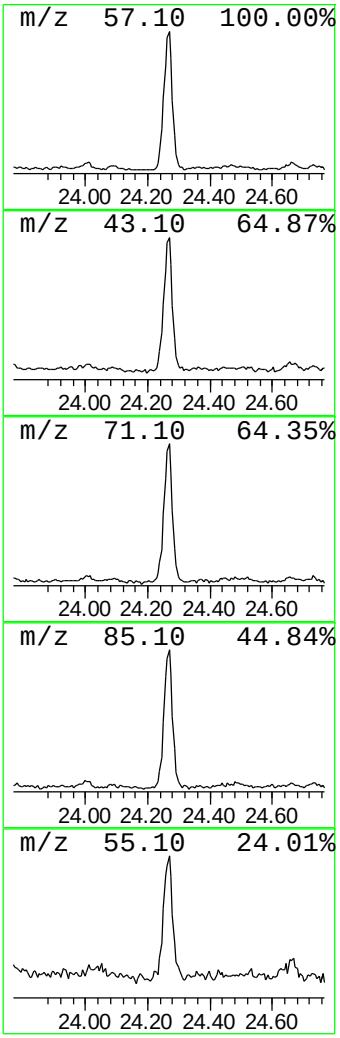
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	2.87 ng/ul	288681	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane	282	C20H42	000112-95-8	96
3	Heneicosane	296	C21H44	000629-94-7	96
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062520\
Data File : BM026559.D
Acq On : 25 Jun 2020 15:24
Operator : JU/CG
Sample : L3062-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET152

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.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
Octacosyl heptafl...	20.75	2.7	ng/ul	285517	5	21.00	2081490	20.0
(DEL) Alkane: Str...	21.61	2.7	ng/ul	284382	5	21.00	2081490	20.0
(DEL) Alkane: Str...	22.04	3.3	ng/ul	337957	5	21.00	2081490	20.0
(DEL) Alkane: Str...	22.50	5.2	ng/ul	522322	6	23.09	2009880	20.0
(DEL) Alkane: Str...	23.02	4.5	ng/ul	457007	6	23.09	2009880	20.0
(DEL) Alkane: Str...	23.60	4.5	ng/ul	451010	6	23.09	2009880	20.0
(DEL) Alkane: Str...	24.27	2.9	ng/ul	288681	6	23.09	2009880	20.0