LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

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-BM051320MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM026162.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.063	27	30	40	rVB	44718	71384	1.77%	0.144%
2	3.681	131	135	141	rVB	19298	27127	0.67%	0.055%
3	3.763	144	149	154	rBV	93846	122712	3.04%	0.248%
4	4.663	297	302	305	rBV	22352	34270	0.85%	0.069%
5	5.545	448	452	456	rVV	23754	31602	0.78%	0.064%
6	6.634	632	637	640	rBV	246321	373624	9.24%	0.755%
7	6.675	640	644	660	rVV	685498	1075449	26.60%	2.175%
8	6.834	663	671	682	rVV	492613	771678	19.09%	1.560%
9	7.022	696	703	712	rVB	656930	990490	24.50%	2.003%
10	7.128	717	721	727	rVB4	14833	24722	0.61%	0.050%
11	7.481	774	781	791	rBV	747750	1119667	27.70%	2.264%
12	7.569	791	796	801	rBV4	10366	16343	0.40%	0.033%
13	8.198	896	903	915	rBV	716815	1151933	28.50%	2.329%
14	8.304	915	921	930	rVB	72647	124986	3.09%	0.253%
15	8.622	968	975	985	rBV	606297	981351	24.28%	1.984%
16	8.722	987	992	1000	rVV5	9401	21128	0.52%	0.043%
17	8.810	1002	1007	1017	rVB3	19755	38568	0.95%	0.078%
18	9.092	1050	1055	1060	rBV2	28865	39996	0.99%	0.081%
19	9.339	1090	1097	1107	rBV	483298	765349	18.93%	1.548%
20	9.710	1157	1160	1164	rVV5	6767	10356	0.26%	0.021%
21	9.875	1178	1188	1200	rVB	734846	1182968	29.26%	2.392%
22	10.128	1226	1231	1235	rBV7	7051	12618	0.31%	0.026%
23	10.239	1241	1250	1256	rBV	1007903	1616317	39.98%	3.268%
24	10.286	1256	1258	1263	rVB2	24989	35639	0.88%	0.072%
25	10.386	1267	1275	1291	rBV	633153	1146524	28.36%	2.318%
26	10.804	1340	1346	1350	rBV6	7115	10848	0.27%	0.022%
27	11.704	1494	1499	1506	rVB4	11956	19013	0.47%	0.038%
28	11.845	1519	1523	1527	rVB2	16121	22983	0.57%	0.046%
29	11.916	1530	1535	1541	rBV	15006	24500	0.61%	0.050%
30	12.139	1569	1573	1577	rVB3	7518	11060	0.27%	0.022%
31	12.663	1658	1662	1665	rVV6	5325	11544	0.29%	0.023%
32	12.974	1708	1715	1719	rBV2	15681	25055	0.62%	0.051%
33	13.445	1790	1795	1800	rBV4	20784	30463	0.75%	0.062%
34	13.551	1807	1813	1818	rVV	1188179	1643195	40.65%	3.323%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

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-BM051320MA.M
Title : SVOA CALIBRATION

35	13.598	1818	1821	1826	rVV	27105	39750	0.98%	0.080%
36	13.810	1851	1857	1871	rVB	1339650	1941228	48.02%	3.925%
37	14.063	1896	1900	1904	rVB	12815	15679	0.39%	0.032%
38	14.127	1904	1911	1917	rBV	1375458	2004732	49.59%	4.054%
39	14.192	1919	1922	1925	rVB4	9347	12457	0.31%	0.025%
40	14.351	1942	1949	1963	rBV	598084	963941	23.85%	1.949%
41	14.527	1973	1979	1983	rBV2	15039	26406	0.65%	0.053%
42	14.610	1983	1993	2012	rBV	1414185	2256749	55.83%	4.563%
43	15.021	2060	2063	2066	rVB	11354	12172	0.30%	0.025%
44	15.127	2074	2081	2087	rBV	1769805	2418389	59.83%	4.890%
45	15.180	2087	2090	2095	rVB4	20256	27143	0.67%	0.055%
46	15.257	2097	2103	2115	rVV	584593	809254	20.02%	1.636%
47	15.368	2118	2122	2127	rVV2	22218	34848	0.86%	0.070%
48	15.480	2136	2141	2143	rBV5	8787	14825	0.37%	0.030%
49	15.627	2162	2166	2172	rVB6	8684	17090	0.42%	0.035%
50	15.721	2173	2182	2186	rVB10	8721	16918	0.42%	0.034%
51	15.880	2206	2209	2212	rVV3	9992	16138	0.40%	0.033%
52	15.910	2212	2214	2221	rVB8	11144	14862	0.37%	0.030%
53	16.239	2266	2270	2276	rVB6	17153	23460	0.58%	0.047%
54	16.421	2298	2301	2306	rBV7	6650	12800	0.32%	0.026%
55	16.539	2317	2321	2328	rVB7	10062	23019	0.57%	0.047%
56	16.621	2330	2335	2339	rBV7	12089	21745	0.54%	0.044%
57	16.686	2339	2346	2351	rVV6	14842	39844	0.99%	0.081%
58	16.874	2370	2378	2382	rBV	1725270	2372517	58.69%	4.797%
59	16.915	2382	2385	2389	rVV	214723	281887	6.97%	0.570%
60	16.974	2389	2395	2407	rVB	2027202	2883117	71.32%	5.830%
61	17.298	2444	2450	2458	rBV2	70749	103677	2.56%	0.210%
62	17.409	2465	2469	2472	rVB6	11927	13359	0.33%	0.027%
63	17.533	2487	2490	2493	rBV3	10806	11638	0.29%	0.024%
64	17.651	2508	2510	2518	rBV7	6883	12158	0.30%	0.025%
65	17.751	2522	2527	2531	rVV2	39463	54229	1.34%	0.110%
66	17.798	2531	2535	2544	rVV2	55244	79630	1.97%	0.161%
67	17.874	2544	2548	2552	rVV3	16912	29923	0.74%	0.061%
68	17.939	2554	2559	2563	rVV3	45304	77351	1.91%	0.156%
69	17.980	2563	2566	2571	rVB3	27289	38420	0.95%	0.078%
70	18.103	2584	2587	2592	rVB5	16068	18533	0.46%	0.037%
71	18.256	2607	2613	2618	rBV	27781	47137	1.17%	0.095%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

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-BM051320MA.M
Title : SVOA CALIBRATION

72	18.509	2654	2656	2660	rVB5	14986	15538	0.38%	0.031%
73	18.562	2661	2665	2666	rBV3	14997	14991	0.37%	0.030%
74	18.680	2681	2685	2690	rBV3	30598	49543	1.23%	0.100%
75	18.745	2693	2696	2700	rVV4	27290	41845	1.04%	0.085%
76	18.827	2704	2710	2719	rBV6	42562	123393	3.05%	0.250%
77	18.939	2720	2729	2736	rVB	384490	545917	13.51%	1.104%
78	19.015	2740	2742	2745	rVV4	13678	12778	0.32%	0.026%
79	19.162	2763	2767	2777	rVB3	23532	49505	1.22%	0.100%
80	19.274	2780	2786	2795	rBV2	2818019	4042332	100.00%	8.174%
81	19.492	2820	2823	2826	rVB2	15289	17157	0.42%	0.035%
82	19.774	2868	2871	2872	rBV2	20579	22019	0.54%	0.045%
83	19.809	2874	2877	2880	rVV	43585	56697	1.40%	0.115%
84	19.868	2884	2887	2891	rVV	57522	62259	1.54%	0.126%
85	19.909	2891	2894	2897	rVB3	26519	31265	0.77%	0.063%
86	19.962	2900	2903	2907	rVB2	43785	56565	1.40%	0.114%
87	20.150	2932	2935	2940	rBV2	23063	39969	0.99%	0.081%
88	20.368	2969	2972	2975	rBV2	42844	43494	1.08%	0.088%
89	20.827	3046	3050	3061	rVB2	303919	476086	11.78%	0.963%
90	21.074	3086	3092	3096	rBV	2511707	3175710	78.56%	6.422%
91	21.109	3096	3098	3102	rVB	201974	202612	5.01%	0.410%
92	21.268	3122	3125	3128	rBV	128259	134043	3.32%	0.271%
93	21.686	3193	3196	3205	rVB2	333754	548488	13.57%	1.109%
94	22.121	3267	3270	3278	rVB	268414	326357	8.07%	0.660%
95	22.597	3348	3351	3355	rVB	516159	649703	16.07%	1.314%
96	22.638	3355	3358	3368	rVB3	260404	417323	10.32%	0.844%
97	23.056	3424	3429	3435	rBV	2185823	3615020	89.43%	7.310%
98	23.127	3438	3441	3446	rVB	335018	456774	11.30%	0.924%
99	23.191	3446	3452	3462	rVB	1729646	2959847	73.22%	5.985%
100	23.727	3538	3543	3550	rVB	529103	894173	22.12%	1.808%

Sum of corrected areas: 49453890

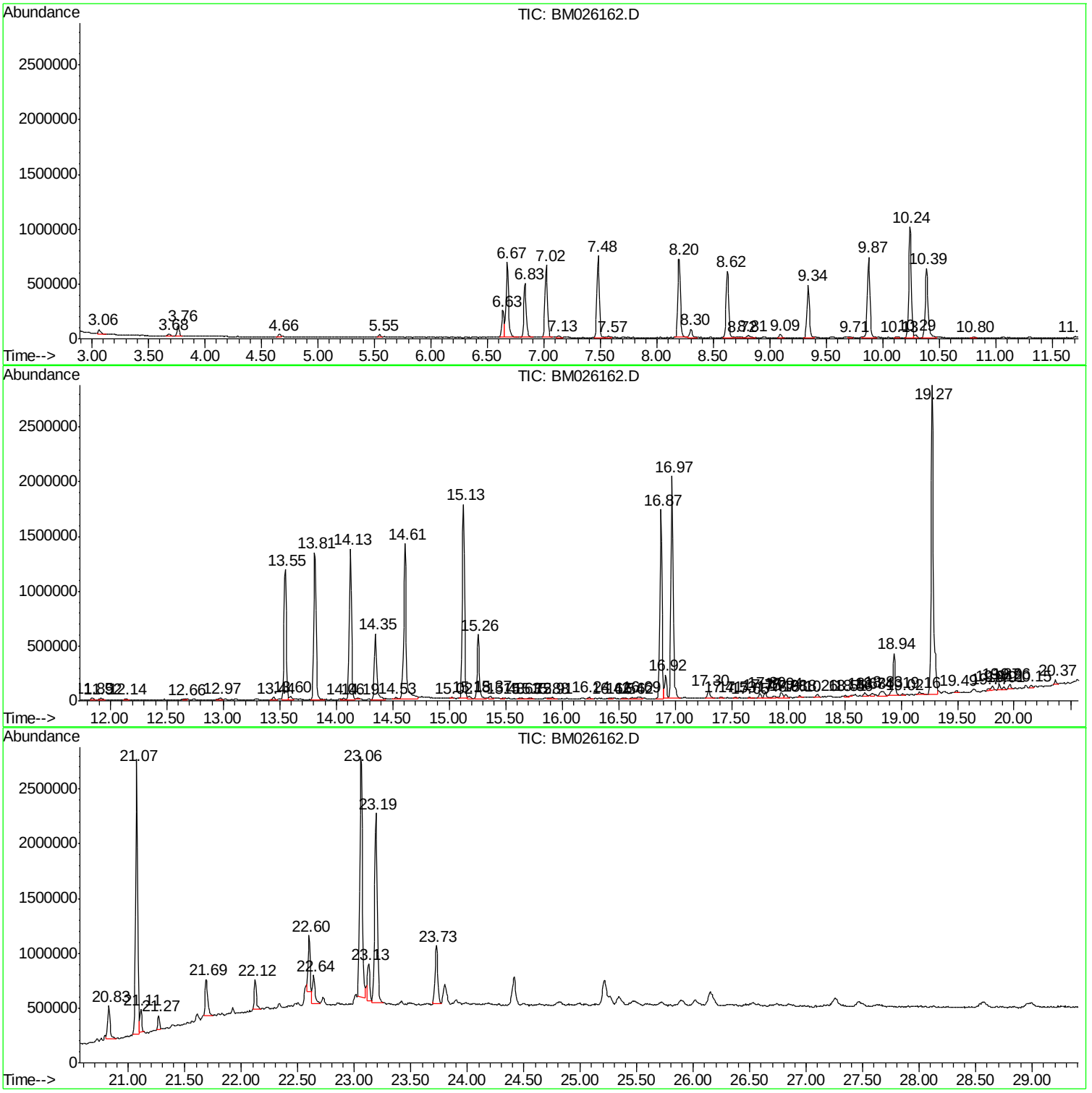
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

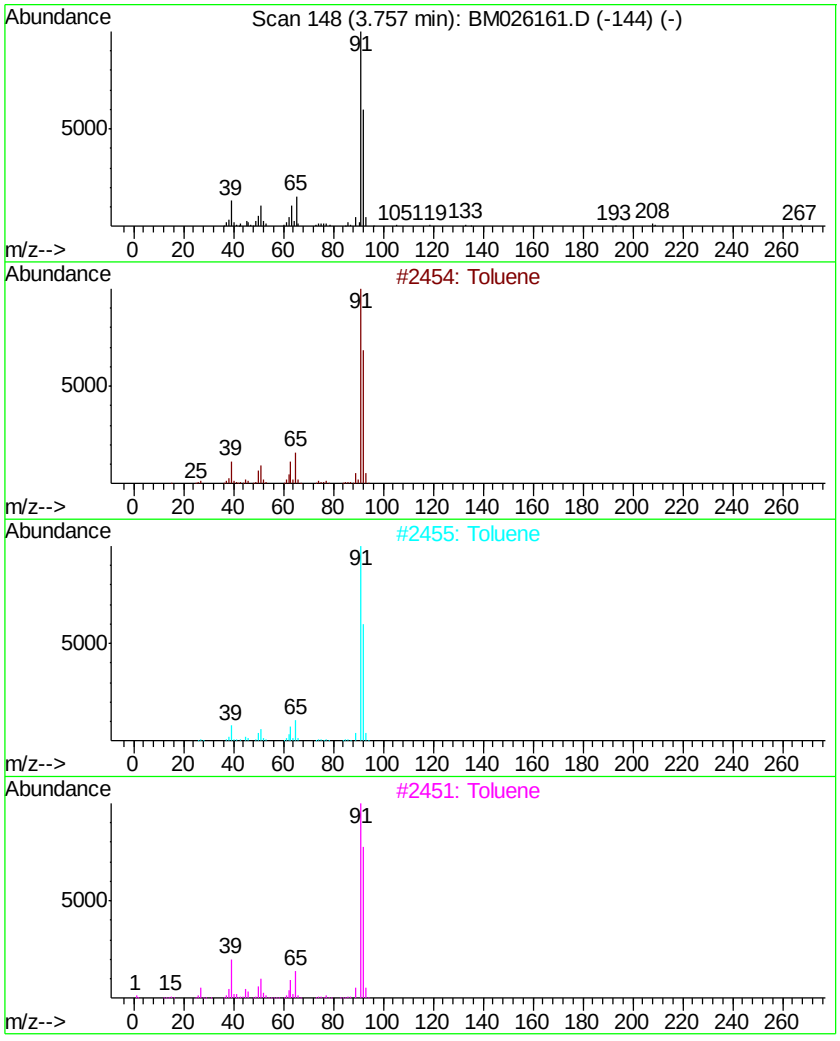
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

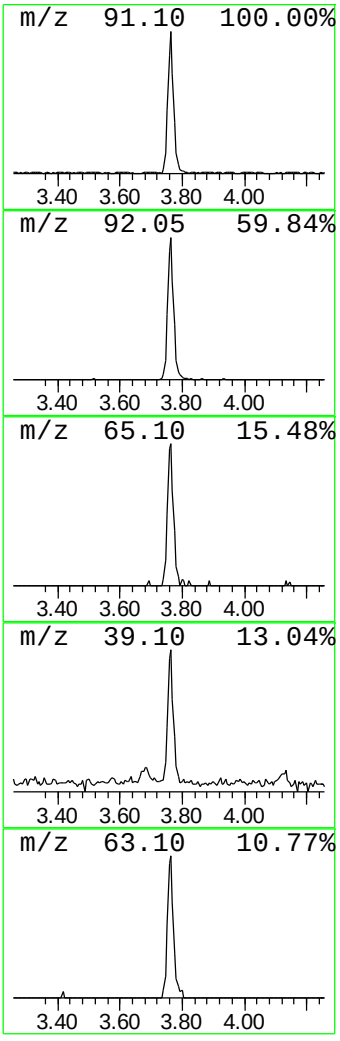
****

Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.19 ng/ul	122712	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	94
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

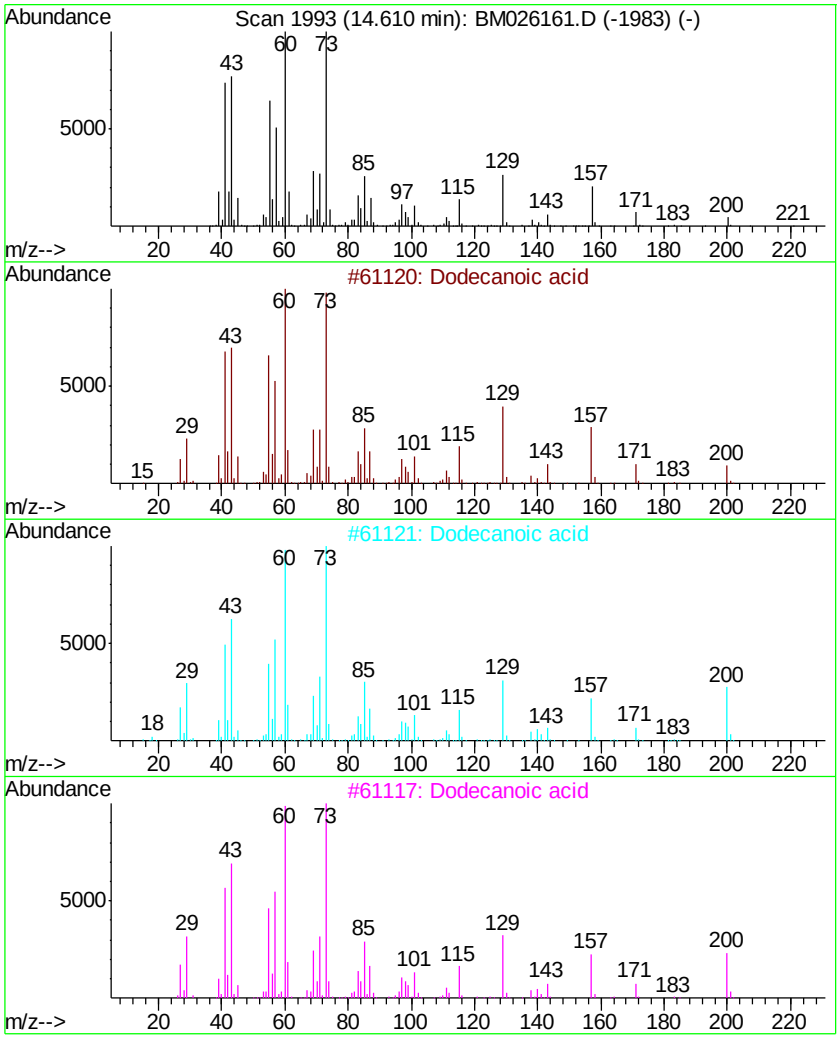
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

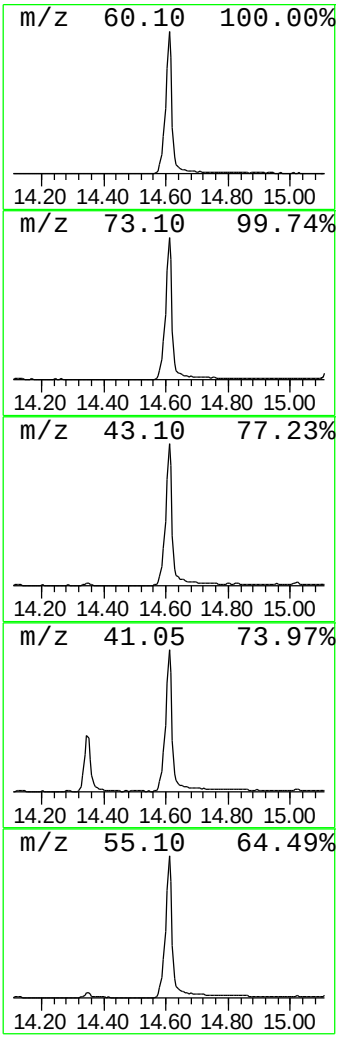
****

Peak Number 2 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	22.51 ng/ul	2256750	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

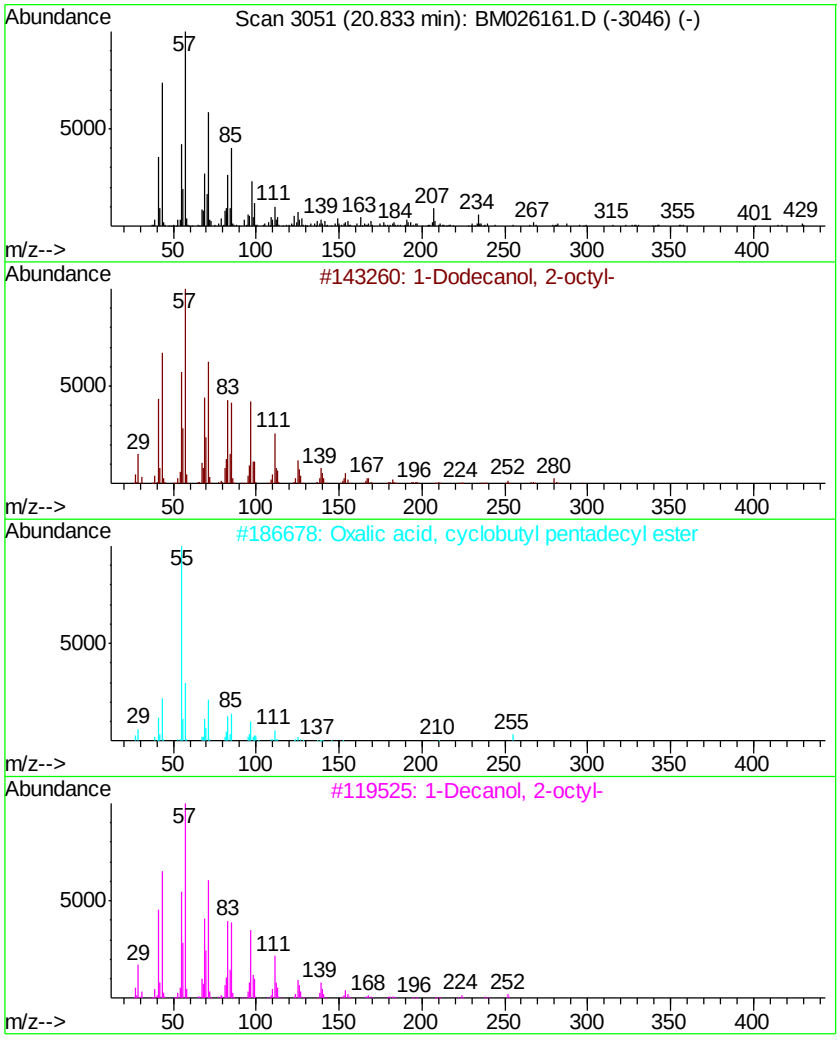
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

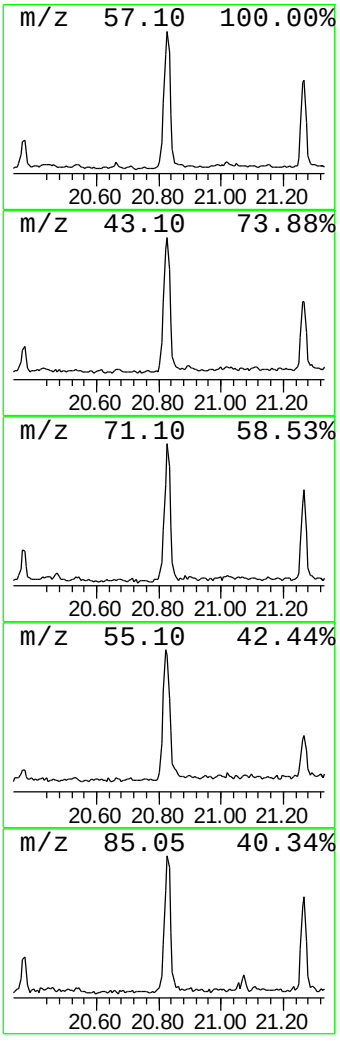
****

Peak Number 3 1-Dodecanol, 2-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.00 ng/ul	476086	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	91
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
5	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

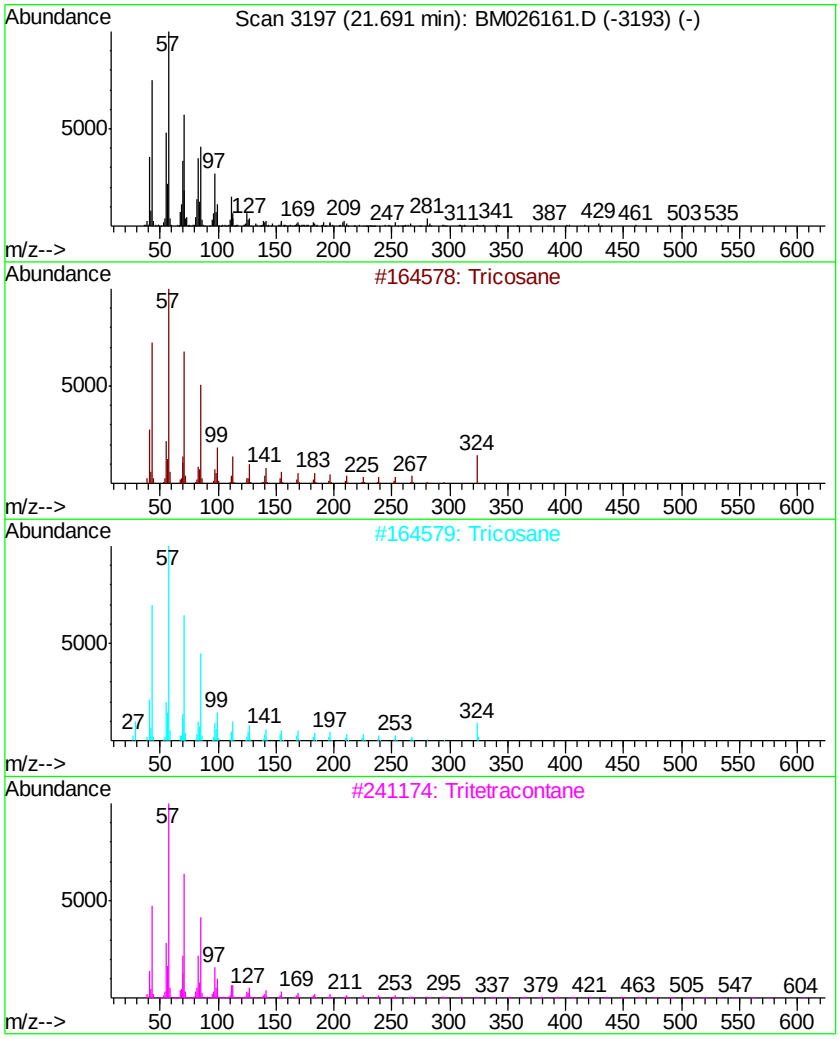
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

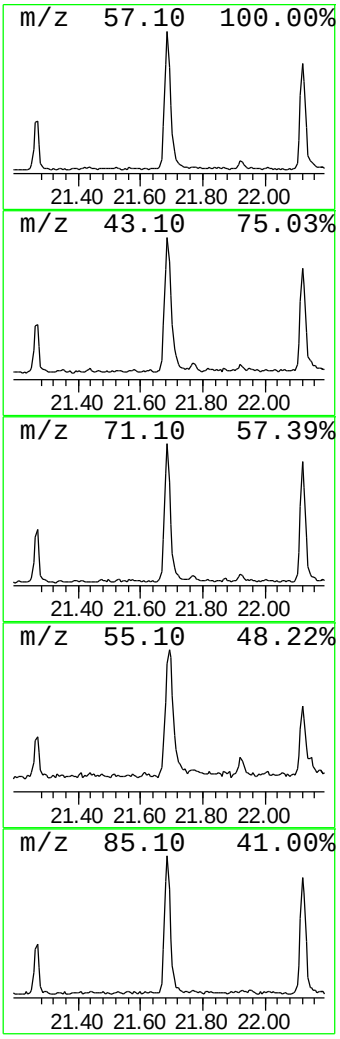
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.45 ng/ul	548488	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tricosane	324	C23H48	000638-67-5	93
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

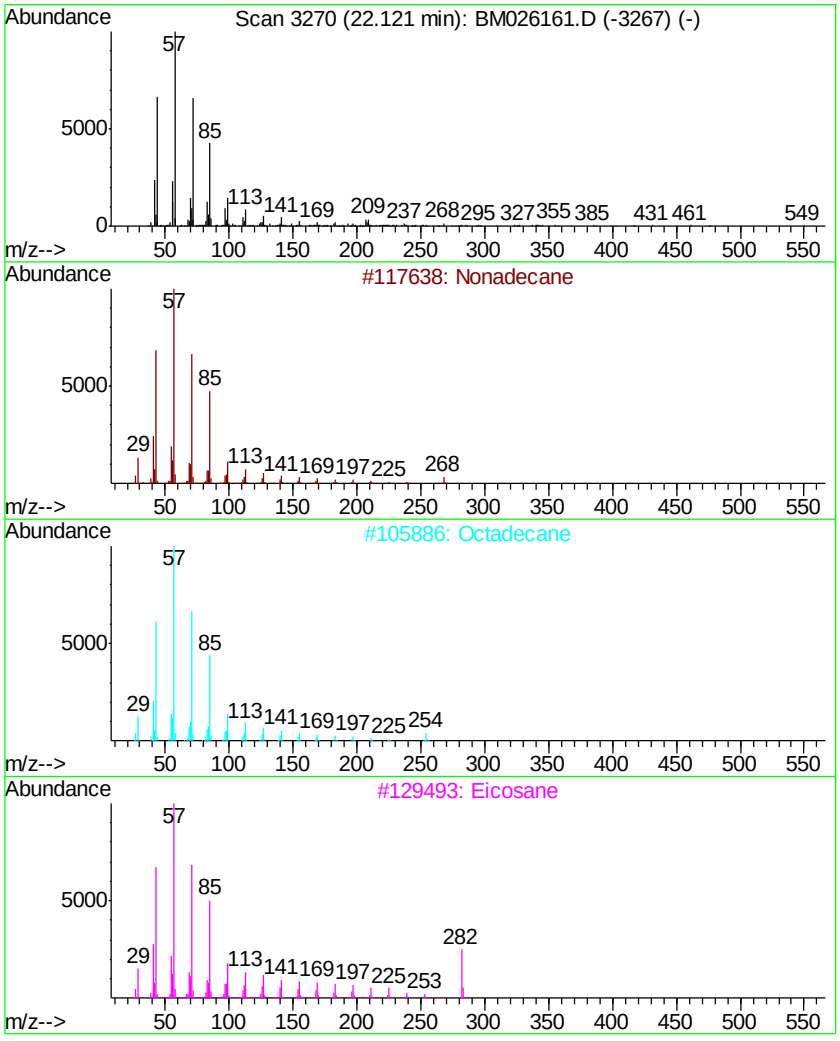
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

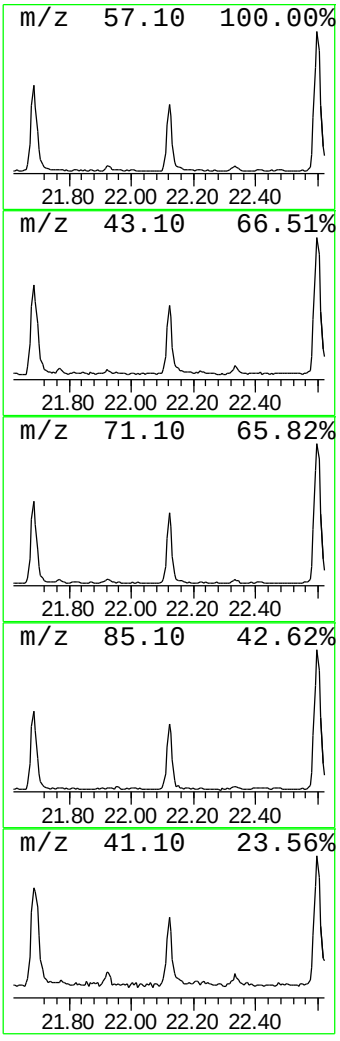
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.06 ng/ul	326357	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octadecane	254	C18H38	000593-45-3	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

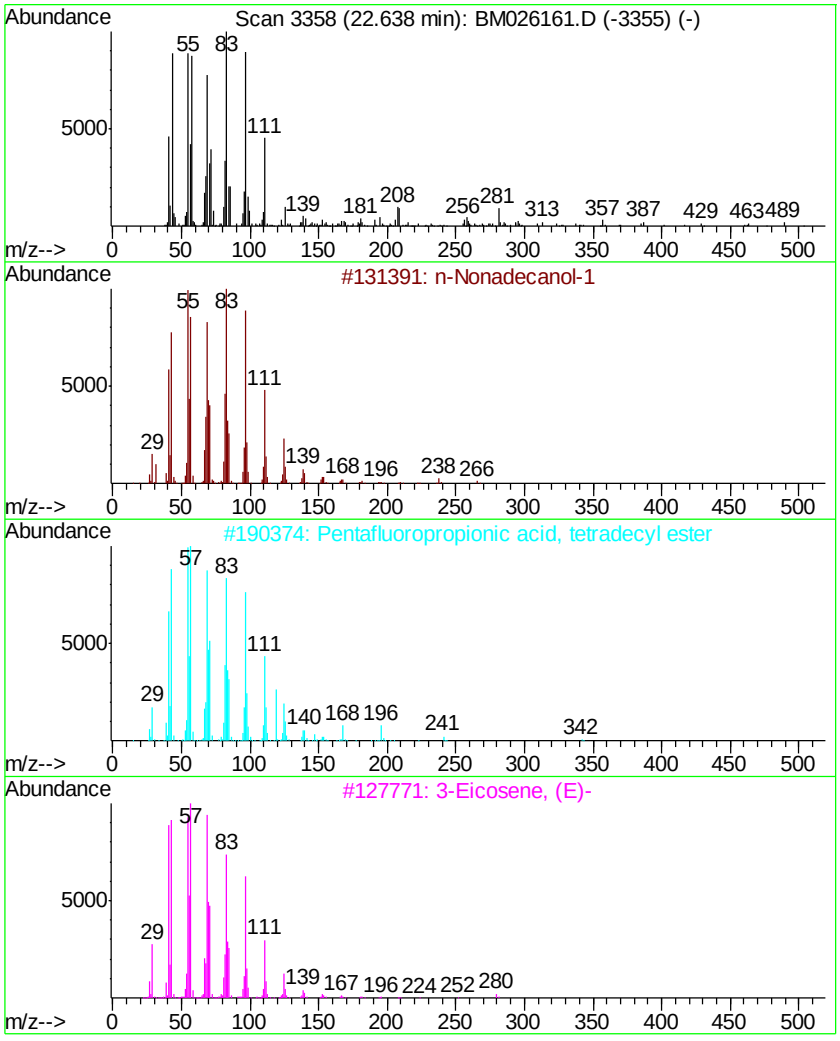
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

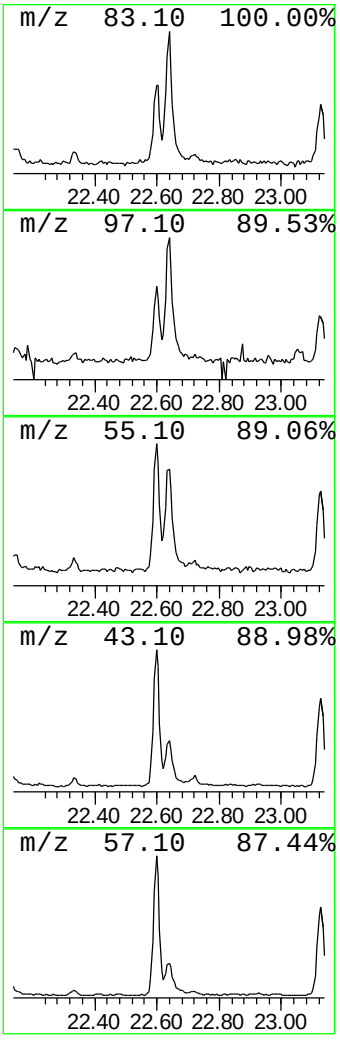
****

Peak Number 6 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.82 ng/ul	417323	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	62
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	62
4	1-Heneicosanol	312	C21H44O	015594-90-8	60
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

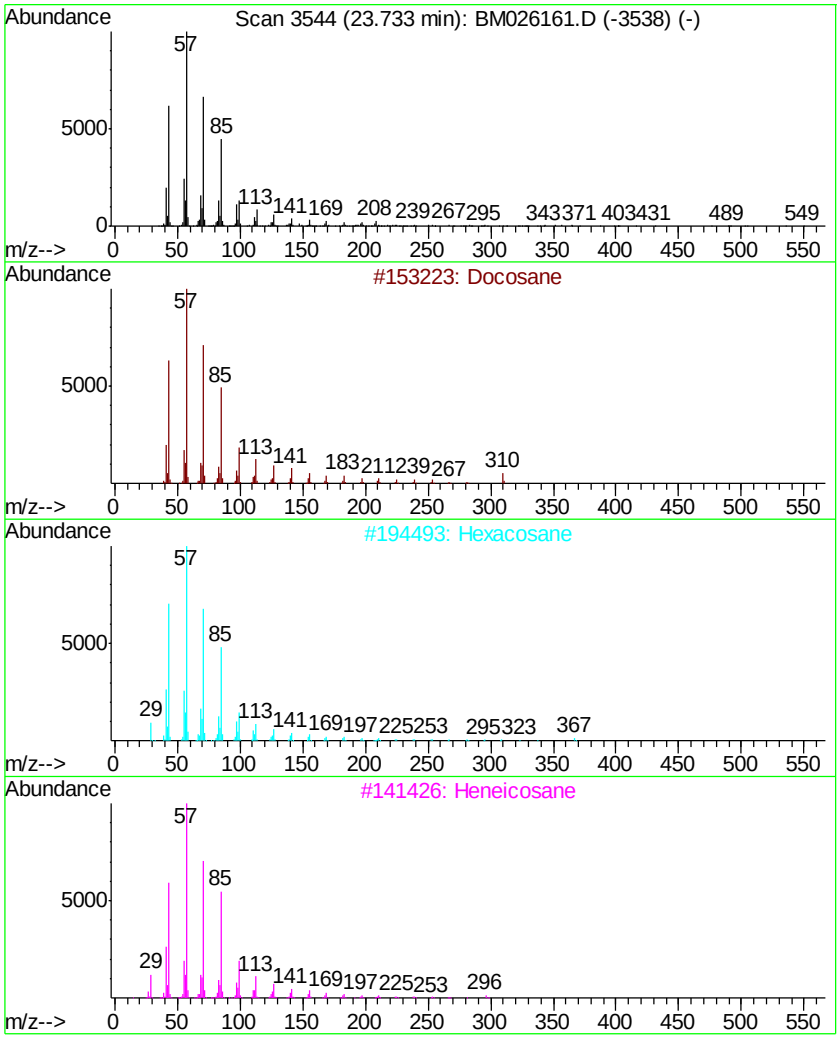
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

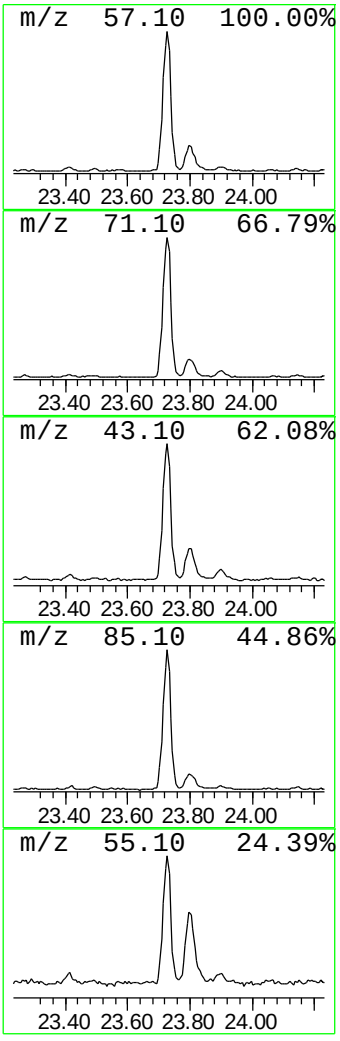
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	6.04 ng/ul	894173	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052820\
Data File : BM026161.D
Acq On : 28 May 2020 16:45
Operator : MA/SJ
Sample : L2785-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
Toluene	3.76	2.2	ng/ul	122712	1	7.48	1119670	20.0
Dodecanoic acid	14.61	22.5	ng/ul	2256750	3	14.13	2004730	20.0
1-Dodecanol, 2-oc...	20.83	3.0	ng/ul	476086	5	21.07	3175710	20.0
(DEL) Alkane: Str...	21.69	3.5	ng/ul	548488	5	21.07	3175710	20.0
(DEL) Alkane: Str...	22.12	2.1	ng/ul	326357	5	21.07	3175710	20.0
n-Nonadecanol-1	22.64	2.8	ng/ul	417323	6	23.19	2959850	20.0
(DEL) Alkane: Str...	23.73	6.0	ng/ul	894173	6	23.19	2959850	20.0