LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026162.D
Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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

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	37	rVB	37031	53954	1.57%	0.111%
2	3.681	130	135	142	rBV2	17015	29957	0.87%	0.062%
3	3.763	144	149	158	rVV	68522	98389	2.86%	0.203%
4	4.657	297	301	306	rBV	19557	29154	0.85%	0.060%
5	6.675	634	644	657	rVV	707225	1123263	32.66%	2.313%
6	6.834	661	671	684	rBV	523945	815646	23.71%	1.680%
7	7.022	696	703	712	rBV	695378	1063982	30.94%	2.191%
8	7.128	717	721	728	rVV5	15915	27214	0.79%	0.056%
9	7.481	774	781	789	rBV	606031	930313	27.05%	1.916%
10	8.192	895	902	914	rBV	753164	1204959	35.03%	2.481%
11	8.304	914	921	929	rVB2	19373	37889	1.10%	0.078%
12	8.622	969	975	984	rVV	649943	1040782	30.26%	2.143%
13	8.810	1001	1007	1017	rVB4	22827	40927	1.19%	0.084%
14	9.092	1050	1055	1060	rBV	39654	55433	1.61%	0.114%
15	9.339	1090	1097	1105	rBV	502643	804087	23.38%	1.656%
16	9.875	1181	1188	1202	rVV	786777	1228606	35.72%	2.530%
17	10.239	1244	1250	1256	rBV	825266	1313533	38.19%	2.705%
18	10.292	1256	1259	1267	rVB	46336	70984	2.06%	0.146%
19	10.386	1267	1275	1289	rBV	666126	1193835	34.71%	2.458%
20	11.710	1491	1500	1504	rVB3	15246	28567	0.83%	0.059%
21	11.916	1527	1535	1543	rVB2	35025	57219	1.66%	0.118%
22	12.139	1569	1573	1578	rVB	24196	36146	1.05%	0.074%
23	12.974	1707	1715	1720	rVV2	25316	47488	1.38%	0.098%
24	13.298	1763	1770	1778	rBV5	15729	42692	1.24%	0.088%
25	13.445	1787	1795	1800	rBV2	27494	48962	1.42%	0.101%
26	13.498	1800	1804	1807	rBV2	19589	27610	0.80%	0.057%
27	13.545	1807	1812	1818	rVV	1189578	1631425	47.43%	3.360%
28	13.598	1818	1821	1825	rVB	38455	48959	1.42%	0.101%
29	13.810	1850	1857	1873	rBV	1357786	2039172	59.29%	4.199%
30	14.127	1904	1911	1917	rBV	1093802	1611827	46.86%	3.319%
31	14.192	1917	1922	1926	rVV2	50521	71732	2.09%	0.148%
32	14.345	1942	1948	1962	rBV	481456	822069	23.90%	1.693%
33	14.527	1974	1979	1985	rVV	67252	117320	3.41%	0.242%
34	14.586	1985	1989	1992	rVV2	32174	52597	1.53%	0.108%

LSC Area Percent Report

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Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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	15.127	2074	2081	2086	rBV	1764381	2441860	71.00%	5.028%
36	15.180	2086	2090	2095	rVB2	88539	121527	3.53%	0.250%
37	15.257	2095	2103	2110	rBV	460737	656420	19.09%	1.352%
38	15.480	2136	2141	2145	rBV	36150	48949	1.42%	0.101%
39	15.627	2161	2166	2173	rBV2	36185	75773	2.20%	0.156%
40	15.715	2176	2181	2186	rVB9	14018	27497	0.80%	0.057%
41	15.880	2199	2209	2212	rBV7	15377	36270	1.05%	0.075%
42	16.186	2255	2261	2266	rVV4	20375	50173	1.46%	0.103%
43	16.233	2266	2269	2276	rVV5	17227	29566	0.86%	0.061%
44	16.427	2297	2302	2304	rVV2	26049	39136	1.14%	0.081%
45	16.457	2304	2307	2311	rVV3	25100	40257	1.17%	0.083%
46	16.533	2316	2320	2328	rVB4	26897	56365	1.64%	0.116%
47	16.615	2328	2334	2340	rBV4	29191	67713	1.97%	0.139%
48	16.692	2340	2347	2351	rVV2	43201	87008	2.53%	0.179%
49	16.874	2372	2378	2382	rBV	1359903	1876383	54.56%	3.864%
50	16.915	2382	2385	2390	rVB	801693	988667	28.75%	2.036%
51	16.974	2390	2395	2399	rBV	1824078	2500193	72.69%	5.149%
52	17.286	2443	2448	2452	rBV	41676	66220	1.93%	0.136%
53	17.327	2452	2455	2462	rVV8	14058	26931	0.78%	0.055%
54	17.404	2465	2468	2473	rBV3	19941	28043	0.82%	0.058%
55	17.751	2521	2527	2531	rVV	121417	172441	5.01%	0.355%
56	17.798	2531	2535	2542	rVB	179630	241633	7.03%	0.498%
57	17.880	2543	2549	2553	rBV3	53044	83312	2.42%	0.172%
58	17.939	2554	2559	2563	rVV2	146077	247991	7.21%	0.511%
59	17.980	2563	2566	2574	rVB	82540	116873	3.40%	0.241%
60	18.104	2583	2587	2592	rVB3	27782	32491	0.94%	0.067%
61	18.256	2609	2613	2617	rBV	74091	99018	2.88%	0.204%
62	18.509	2652	2656	2660	rVB	35287	43745	1.27%	0.090%
63	18.562	2660	2665	2668	rBV2	33662	52592	1.53%	0.108%
64	18.598	2668	2671	2675	rVB	28580	40404	1.17%	0.083%
65	18.680	2679	2685	2690	rBV2	83195	145309	4.22%	0.299%
66	18.745	2690	2696	2699	rVV7	56497	107156	3.12%	0.221%
67	18.774	2699	2701	2704	rVV2	33566	35233	1.02%	0.073%
68	18.815	2704	2708	2717	rVV3	52424	107446	3.12%	0.221%
69	18.939	2720	2729	2739	rVV	1103752	1468871	42.71%	3.025%
70	19.015	2739	2742	2745	rVV2	23482	33516	0.97%	0.069%
71	19.045	2745	2747	2752	rVV6	19381	26751	0.78%	0.055%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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	19.274	2780	2786	2789	rBV	2473236	3439378	100.00%	7.083%
73	19.303	2789	2791	2800	rVV	951837	1079347	31.38%	2.223%
74	19.380	2800	2804	2812	rVB2	62771	124827	3.63%	0.257%
75	19.486	2819	2822	2830	rBV	63425	89668	2.61%	0.185%
76	19.645	2842	2849	2859	rBV5	79404	222426	6.47%	0.458%
77	19.768	2866	2870	2872	rBV3	69155	91940	2.67%	0.189%
78	19.803	2873	2876	2884	rVB	151476	220613	6.41%	0.454%
79	19.868	2884	2887	2889	rBV3	30664	35874	1.04%	0.074%
80	19.909	2890	2894	2898	rVB	96063	109767	3.19%	0.226%
81	19.962	2898	2903	2907	rBV2	134996	207245	6.03%	0.427%
82	20.045	2915	2917	2922	rBV2	24928	37980	1.10%	0.078%
83	20.103	2923	2927	2931	rBV	71377	86967	2.53%	0.179%
84	20.150	2931	2935	2940	rBV2	69504	109025	3.17%	0.225%
85	20.368	2969	2972	2974	rBV3	37048	46854	1.36%	0.096%
86	20.556	3002	3004	3011	rVB2	66235	87054	2.53%	0.179%
87	20.762	3035	3039	3042	rBV	81221	99521	2.89%	0.205%
88	20.792	3042	3044	3046	rVV	58775	63199	1.84%	0.130%
89	20.821	3046	3049	3061	rVB4	206214	397818	11.57%	0.819%
90	21.074	3085	3092	3096	rBV2	2023908	3211836	93.38%	6.614%
91	21.109	3096	3098	3106	rVB	554661	615368	17.89%	1.267%
92	21.615	3181	3184	3187	rVB	120409	125065	3.64%	0.258%
93	21.686	3193	3196	3202	rVB3	152339	218967	6.37%	0.451%
94	22.121	3267	3270	3276	rVB	171756	213662	6.21%	0.440%
95	22.568	3341	3346	3348	rBV	439496	739314	21.50%	1.522%
96	22.597	3349	3351	3356	rVB2	485104	637367	18.53%	1.312%
97	23.009	3418	3421	3424	rBV	188991	264054	7.68%	0.544%
98	23.062	3424	3430	3434	rBV	1752474	2901933	84.37%	5.976%
99	23.191	3446	3452	3457	rBV	1323792	2246210	65.31%	4.625%
100	23.727	3538	3543	3549	rVB	385627	671796	19.53%	1.383%

Sum of corrected areas: 48561500

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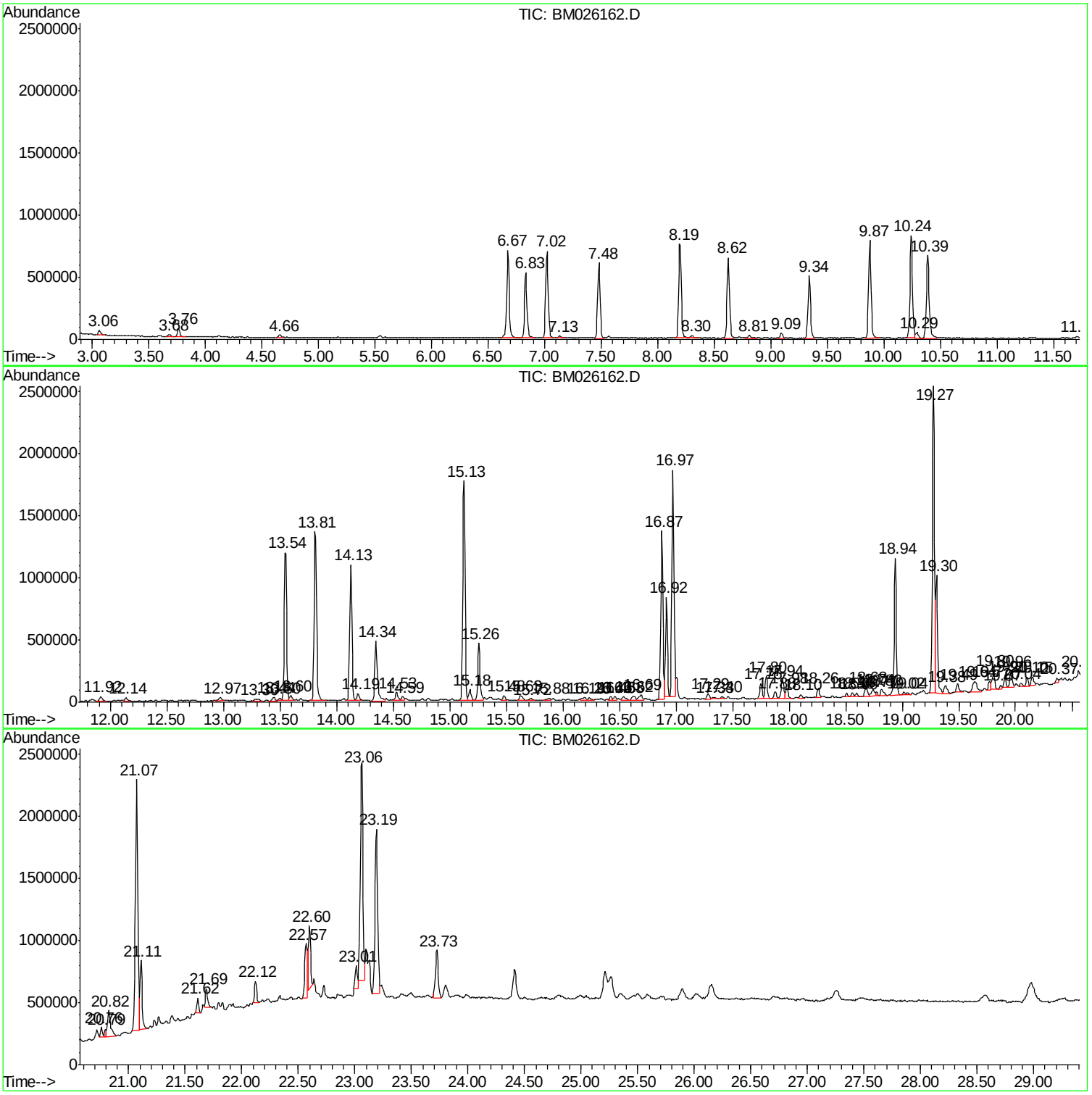
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026162.D
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

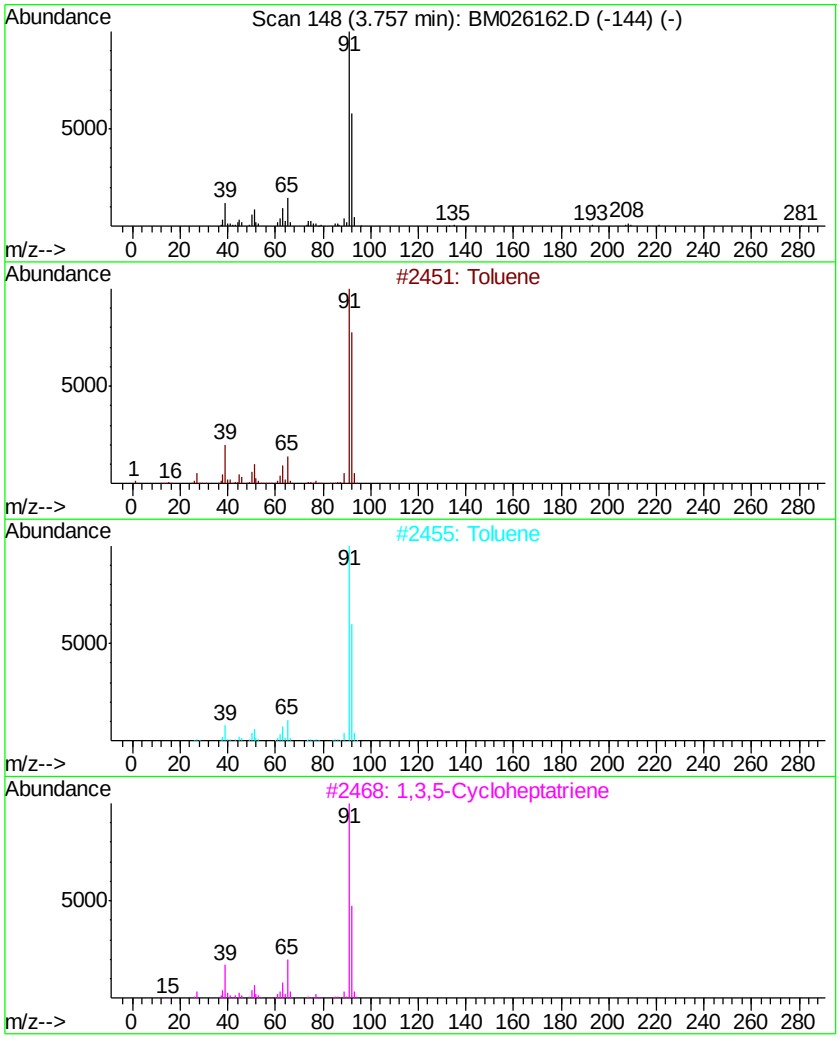
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

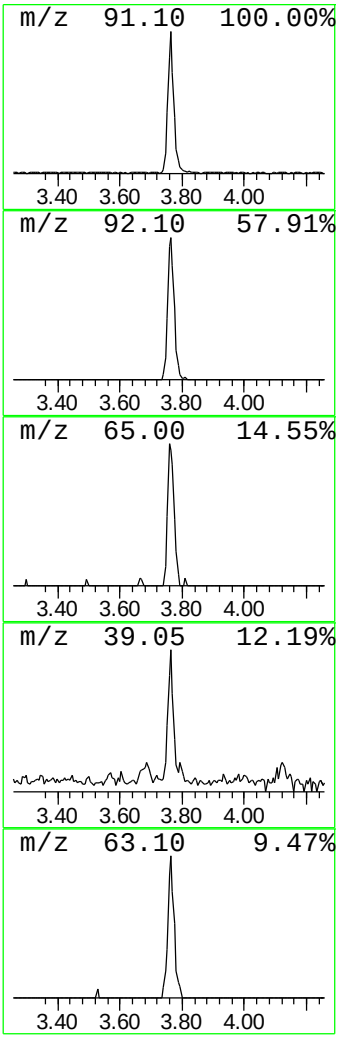
****

Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.12 ng/ul	98389	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	93
2	Toluene	92	C7H8	000108-88-3	90
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
4	Toluene	92	C7H8	000108-88-3	81
5	Toluene	92	C7H8	000108-88-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026162.D
Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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

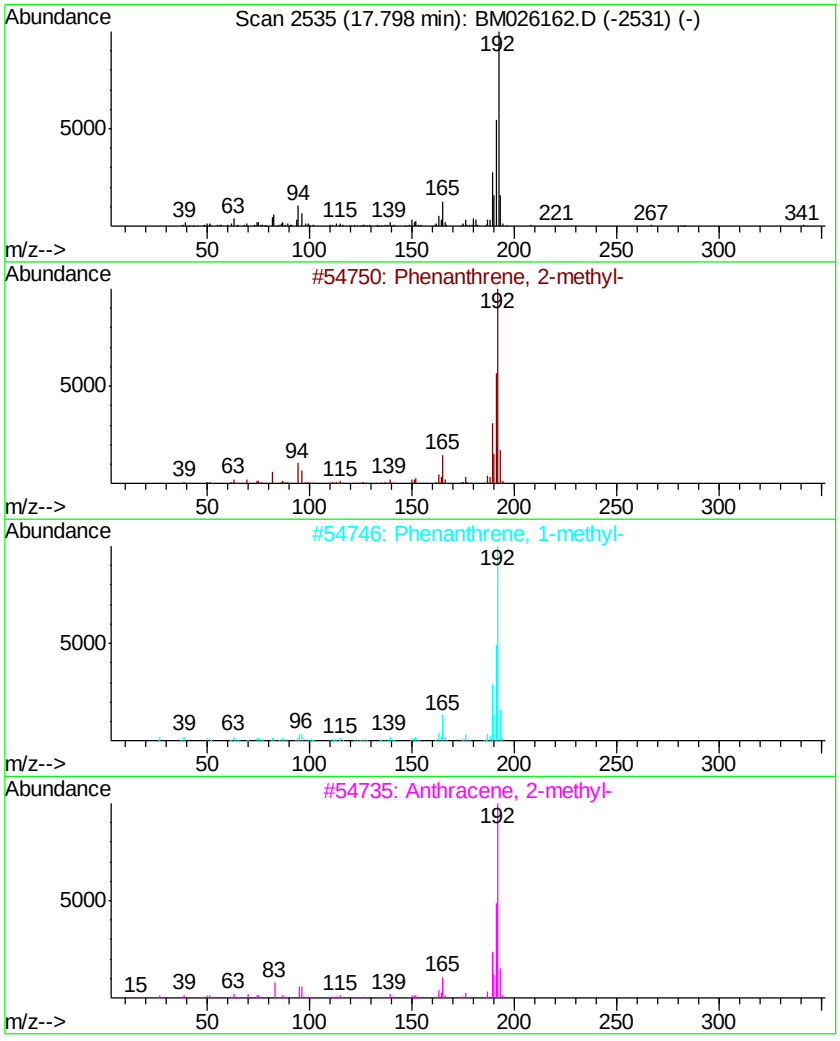
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

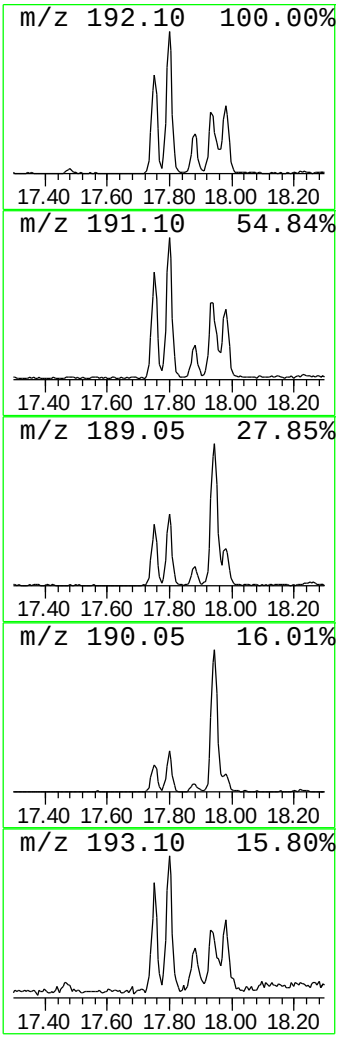
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.58 ng/ul	241633	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026162.D
Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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

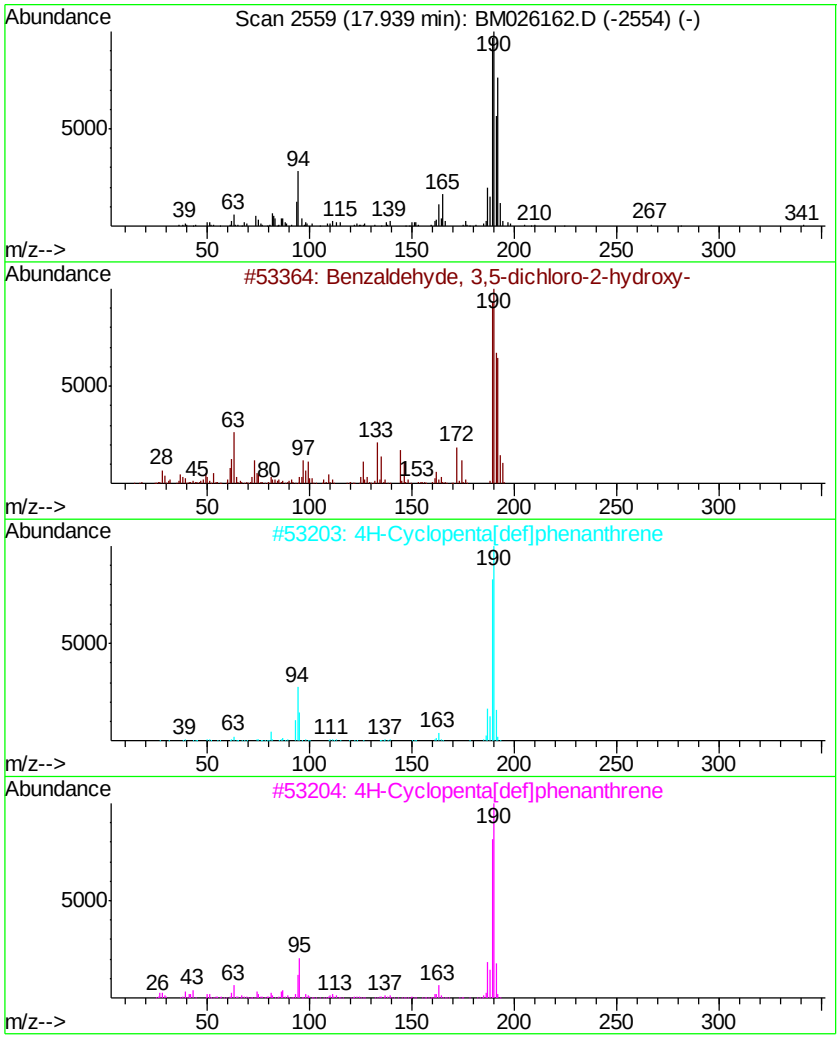
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

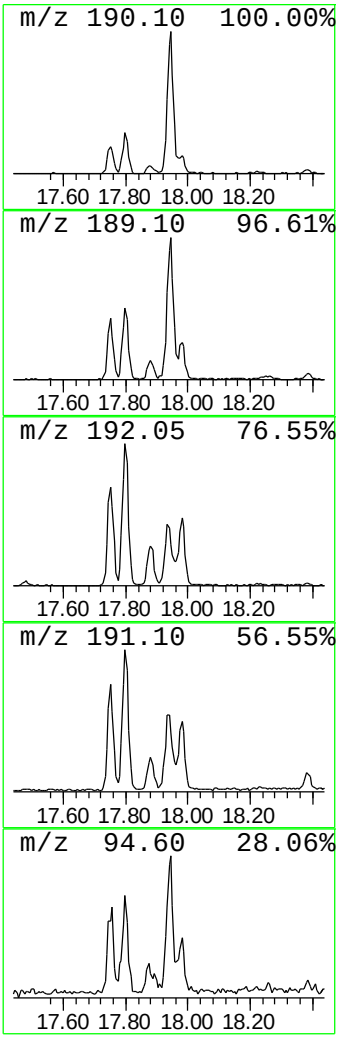
****

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.64 ng/ul	247991	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Data File : BM026162.D
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Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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

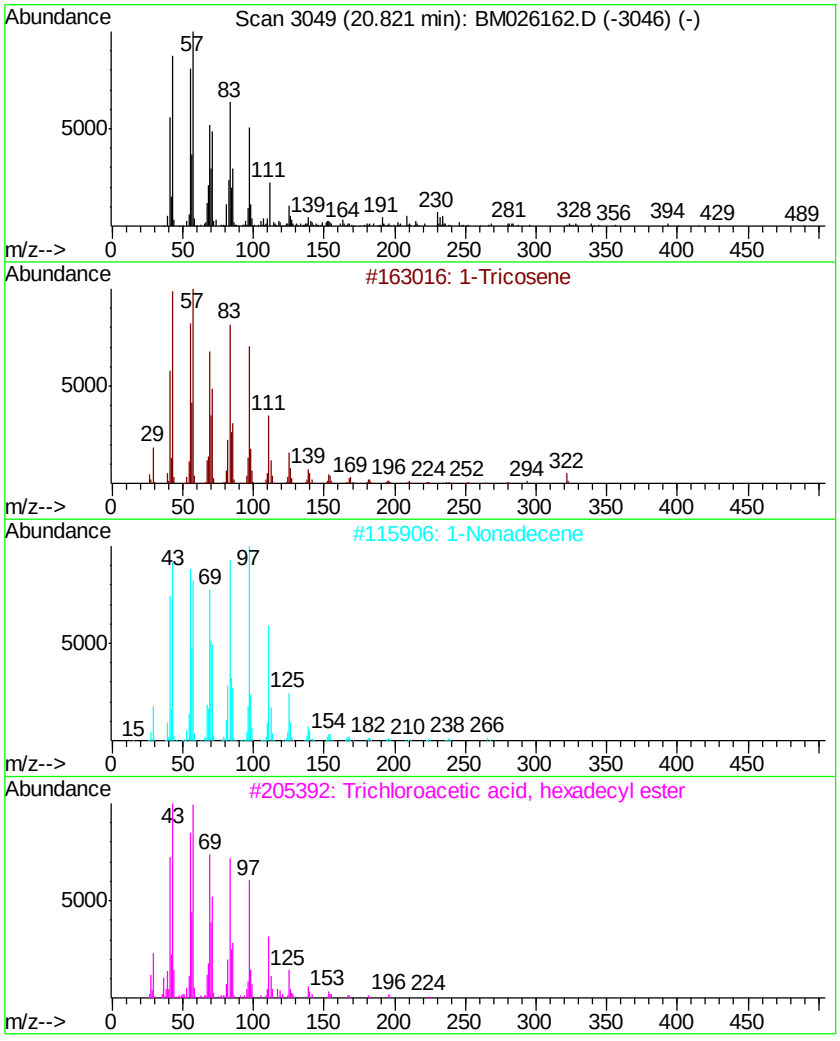
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

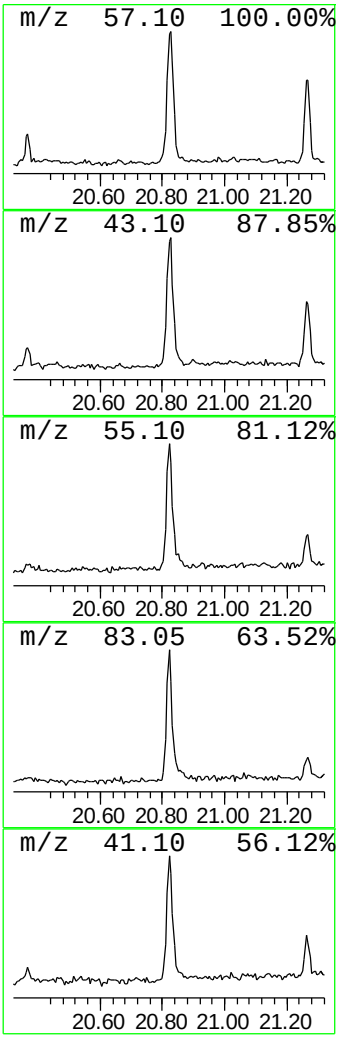
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.48 ng/ul	397818	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	97
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026162.D
Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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

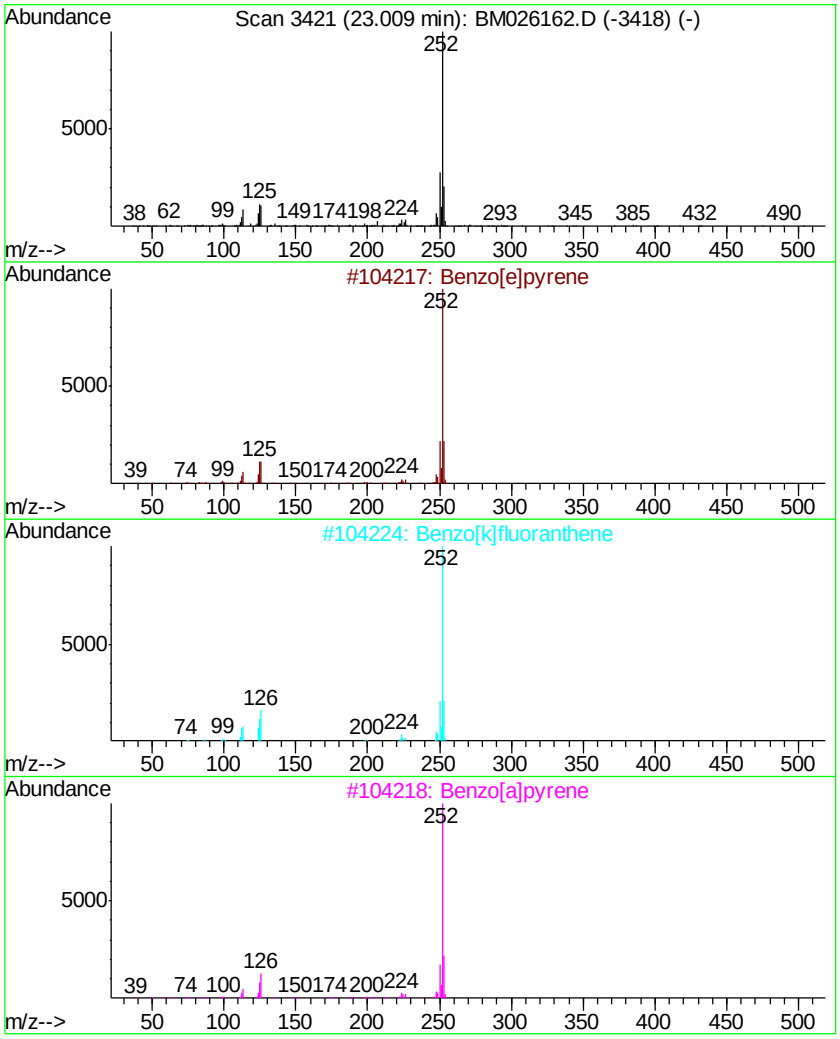
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

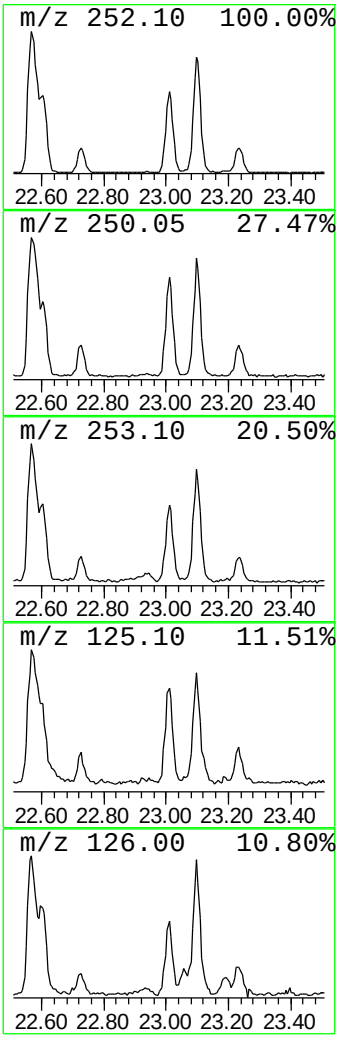
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	2.35 ng/ul	264054	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





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Data File : BM026162.D
Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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

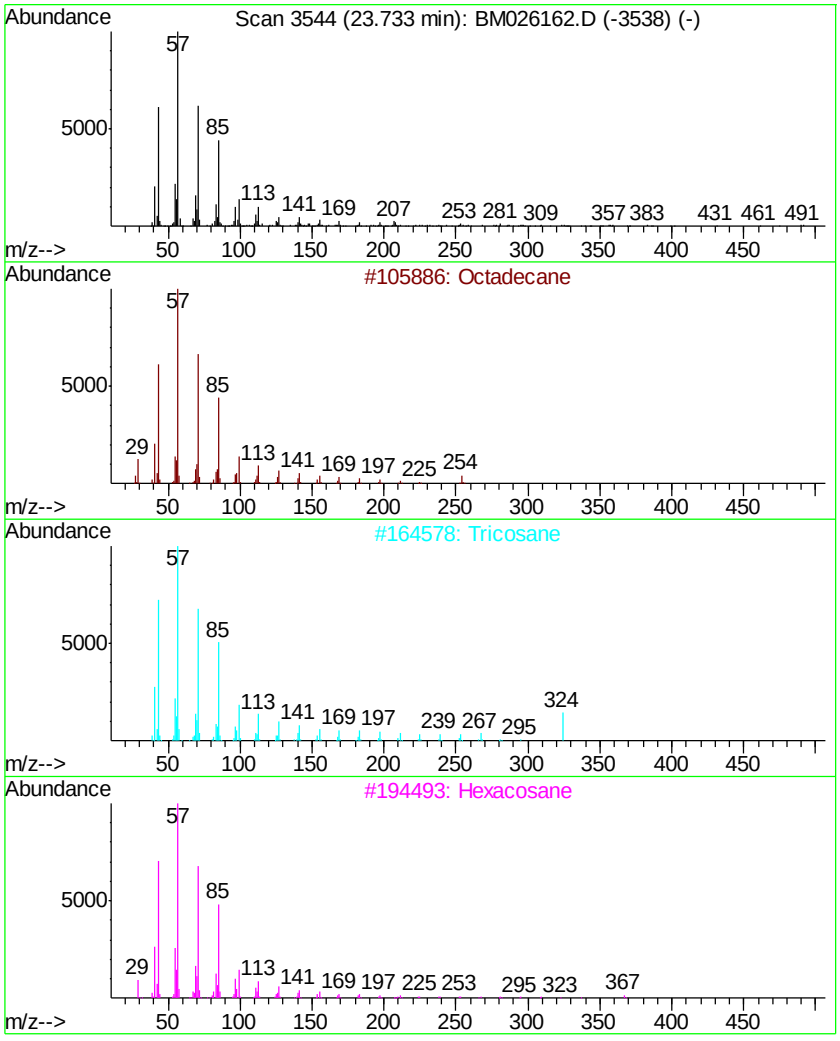
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

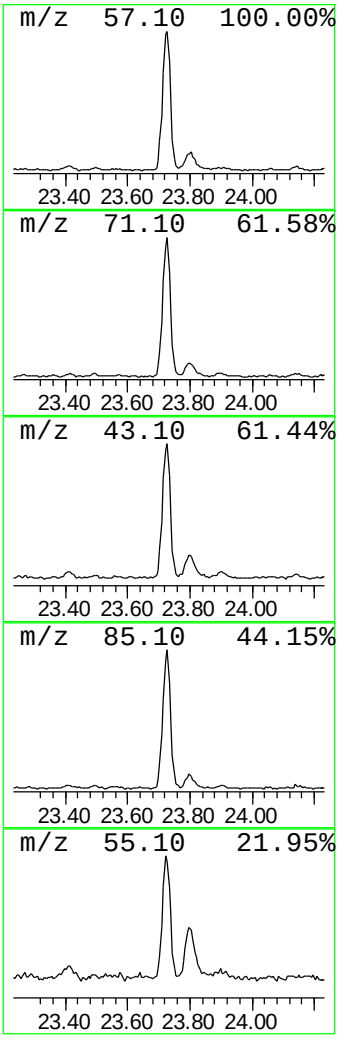
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	5.98 ng/ul	671796	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Tricosane	324	C23H48	000638-67-5	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052820\
Data File : BM026162.D
Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7D5

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	2.1	ng/ul	98389	1	7.48	930313	20.0
Phenanthrene, 2-m...	17.80	2.6	ng/ul	241633	4	16.87	1876380	20.0
Benzaldehyde, 3,5...	17.94	2.6	ng/ul	247991	4	16.87	1876380	20.0
(DEL) Alkane: Str...	20.82	2.5	ng/ul	397818	5	21.07	3211840	20.0
Benzo[e]pyrene	23.01	2.4	ng/ul	264054	6	23.19	2246210	20.0
(DEL) Alkane: Str...	23.73	6.0	ng/ul	671796	6	23.19	2246210	20.0