LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024743.D
Acq On : 07 Feb 2020 00:27
Operator : CG/JU
Sample : L1398-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6E3

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-BM020620MA.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	3.016	19	22	28	rVB	40210	44351	0.80%	0.061%
2	3.634	122	127	131	rVB	21744	30064	0.54%	0.041%
3	3.716	136	141	146	rVB	163506	217919	3.92%	0.300%
4	3.934	174	178	185	rVB2	23698	29602	0.53%	0.041%
5	4.598	286	291	301	rVB	26670	47857	0.86%	0.066%
6	6.604	623	632	644	rBV	637597	1010302	18.17%	1.392%
7	6.757	653	658	666	rBV	517928	806246	14.50%	1.111%
8	6.951	685	691	700	rBV	736025	1143774	20.57%	1.576%
9	7.069	706	711	718	rVB6	22319	33917	0.61%	0.047%
10	7.410	762	769	780	rVV	1043407	1616363	29.06%	2.228%
11	8.122	883	890	900	rBV	846686	1337235	24.04%	1.843%
12	8.545	955	962	972	rBV	646815	1040700	18.71%	1.434%
13	8.739	989	995	1005	rVB5	24126	44690	0.80%	0.062%
14	9.045	1041	1047	1051	rBV	98773	142183	2.56%	0.196%
15	9.263	1077	1084	1092	rBV	566853	911235	16.38%	1.256%
16	9.798	1169	1175	1188	rVV	904429	1511199	27.17%	2.083%
17	10.169	1230	1238	1244	rBV	1409671	2328771	41.87%	3.209%
18	10.216	1244	1246	1255	rVB	70430	93812	1.69%	0.129%
19	10.310	1255	1262	1281	rBV	764924	1399056	25.16%	1.928%
20	11.651	1481	1490	1494	rBV7	17460	33869	0.61%	0.047%
21	11.769	1507	1510	1517	rVB2	16779	27872	0.50%	0.038%
22	11.845	1517	1523	1529	rBV	46582	78166	1.41%	0.108%
23	12.069	1554	1561	1567	rVB2	29723	48003	0.86%	0.066%
24	12.921	1703	1706	1716	rVB4	22232	32972	0.59%	0.045%
25	13.227	1751	1758	1759	rBV3	21698	35122	0.63%	0.048%
26	13.380	1779	1784	1790	rBV2	36374	56956	1.02%	0.078%
27	13.433	1790	1793	1796	rBV2	21573	28381	0.51%	0.039%
28	13.486	1796	1802	1808	rVV	1735343	2305382	41.45%	3.177%
29	13.745	1840	1846	1861	rBV	1935721	2865542	51.52%	3.949%
30	14.063	1894	1900	1907	rVV	2294247	3314494	59.60%	4.568%
31	14.127	1907	1911	1915	rVB	87567	116197	2.09%	0.160%
32	14.286	1932	1938	1950	rBV	468570	850319	15.29%	1.172%
33	14.468	1963	1969	1975	rBV2	64803	116847	2.10%	0.161%
34	14.557	1979	1984	1989	rVB	26347	40578	0.73%	0.056%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6E3

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-BM020620MA.M
Title : SVOA CALIBRATION

35	14.698	2002	2008	2013	rBV4	20438	35096	0.63%	0.048%
36	14.874	2032	2038	2040	rBV6	20580	28845	0.52%	0.040%
37	14.974	2052	2055	2059	rVB2	24383	31398	0.56%	0.043%
38	15.062	2064	2070	2076	rVV	2394770	3519523	63.28%	4.851%
39	15.121	2076	2080	2084	rVB2	105670	150516	2.71%	0.207%
40	15.192	2085	2092	2100	rBV	643330	978104	17.59%	1.348%
41	15.304	2105	2111	2116	rVV2	33215	72616	1.31%	0.100%
42	15.421	2127	2131	2135	rVB	35985	44953	0.81%	0.062%
43	15.568	2150	2156	2166	rBV	35498	78868	1.42%	0.109%
44	15.651	2166	2170	2181	rVB9	20135	41334	0.74%	0.057%
45	15.798	2190	2195	2199	rVV8	19019	42052	0.76%	0.058%
46	15.839	2199	2202	2204	rVV2	38455	50855	0.91%	0.070%
47	15.862	2204	2206	2211	rVB3	33236	45061	0.81%	0.062%
48	16.133	2242	2252	2257	rBV6	34587	92976	1.67%	0.128%
49	16.180	2257	2260	2266	rVB5	22506	32325	0.58%	0.045%
50	16.280	2273	2277	2283	rVB9	19701	37887	0.68%	0.052%
51	16.368	2288	2292	2295	rBV3	22834	32260	0.58%	0.044%
52	16.474	2305	2310	2314	rBV2	38399	59507	1.07%	0.082%
53	16.562	2321	2325	2330	rBV3	36451	76048	1.37%	0.105%
54	16.633	2333	2337	2343	rVV	104448	160720	2.89%	0.222%
55	16.686	2343	2346	2353	rVB7	30657	51332	0.92%	0.071%
56	16.815	2362	2368	2372	rBV	2766743	3856772	69.35%	5.315%
57	16.856	2372	2375	2380	rVB	1160595	1503452	27.03%	2.072%
58	16.915	2380	2385	2389	rBV	2675574	3687626	66.30%	5.082%
59	17.021	2399	2403	2408	rBV5	26907	45787	0.82%	0.063%
60	17.221	2433	2437	2439	rBV	72228	97980	1.76%	0.135%
61	17.368	2460	2462	2465	rVV2	31997	38092	0.68%	0.052%
62	17.403	2465	2468	2472	rVB3	35067	45715	0.82%	0.063%
63	17.545	2488	2492	2497	rVB4	33346	48692	0.88%	0.067%
64	17.692	2513	2517	2522	rBV	168868	255847	4.60%	0.353%
65	17.745	2522	2526	2533	rVB	250436	371837	6.69%	0.512%
66	17.821	2535	2539	2543	rVB2	84690	112041	2.01%	0.154%
67	17.886	2544	2550	2554	rBV2	265885	447961	8.05%	0.617%
68	17.927	2554	2557	2561	rVB	120141	155207	2.79%	0.214%
69	18.062	2578	2580	2583	rVB3	33543	30997	0.56%	0.043%
70	18.203	2599	2604	2608	rBV2	167896	244285	4.39%	0.337%
71	18.456	2643	2647	2652	rVV2	67677	110943	1.99%	0.153%

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Instrument : BNA_M
ClientSampleId : CB6E3

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

72	18.509	2652	2656	2659	rVV	62723	90911	1.63%	0.125%
73	18.545	2659	2662	2666	rVB	53853	72479	1.30%	0.100%
74	18.627	2672	2676	2681	rBV	137884	212763	3.83%	0.293%
75	18.762	2695	2699	2707	rBV4	89021	203104	3.65%	0.280%
76	18.886	2715	2720	2726	rVB	2027267	2579755	46.38%	3.555%
77	18.962	2730	2733	2736	rBV2	50839	66904	1.20%	0.092%
78	19.221	2772	2777	2780	rBV	3557288	5116428	91.99%	7.051%
79	19.250	2780	2782	2786	rVB	1676348	1757918	31.61%	2.423%
80	19.439	2811	2814	2817	rBV	96341	103717	1.86%	0.143%
81	19.721	2859	2862	2864	rBV3	91100	132007	2.37%	0.182%
82	19.756	2865	2868	2872	rVB	268711	345694	6.22%	0.476%
83	19.856	2883	2885	2889	rVB	159570	175348	3.15%	0.242%
84	19.915	2891	2895	2899	rVV2	191191	268353	4.83%	0.370%
85	20.050	2916	2918	2923	rVB	101357	117375	2.11%	0.162%
86	20.097	2923	2926	2932	rBV2	99209	144505	2.60%	0.199%
87	20.715	3028	3031	3034	rVB	139310	133595	2.40%	0.184%
88	20.786	3039	3043	3054	rVB3	683748	1057566	19.02%	1.458%
89	21.027	3078	3084	3088	rBV2	3633623	5561689	100.00%	7.665%
90	21.062	3088	3090	3098	rVB	939454	1081017	19.44%	1.490%
91	21.233	3117	3119	3124	rVB2	187163	197482	3.55%	0.272%
92	21.656	3187	3191	3198	rBV3	409176	698338	12.56%	0.962%
93	22.091	3262	3265	3271	rVB	329494	384612	6.92%	0.530%
94	22.515	3333	3337	3341	rBV	739581	1377705	24.77%	1.899%
95	22.562	3342	3345	3348	rVB2	676256	890588	16.01%	1.227%
96	22.950	3408	3411	3414	rBV	363194	513086	9.23%	0.707%
97	23.003	3414	3420	3424	rVV	2207690	3576922	64.31%	4.930%
98	23.091	3431	3435	3437	rBV	388764	553450	9.95%	0.763%
99	23.133	3437	3442	3448	rVB	2275337	3731721	67.10%	5.143%
100	23.685	3532	3536	3542	rVB	572342	959045	17.24%	1.322%

Sum of corrected areas: 72559563

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Instrument :
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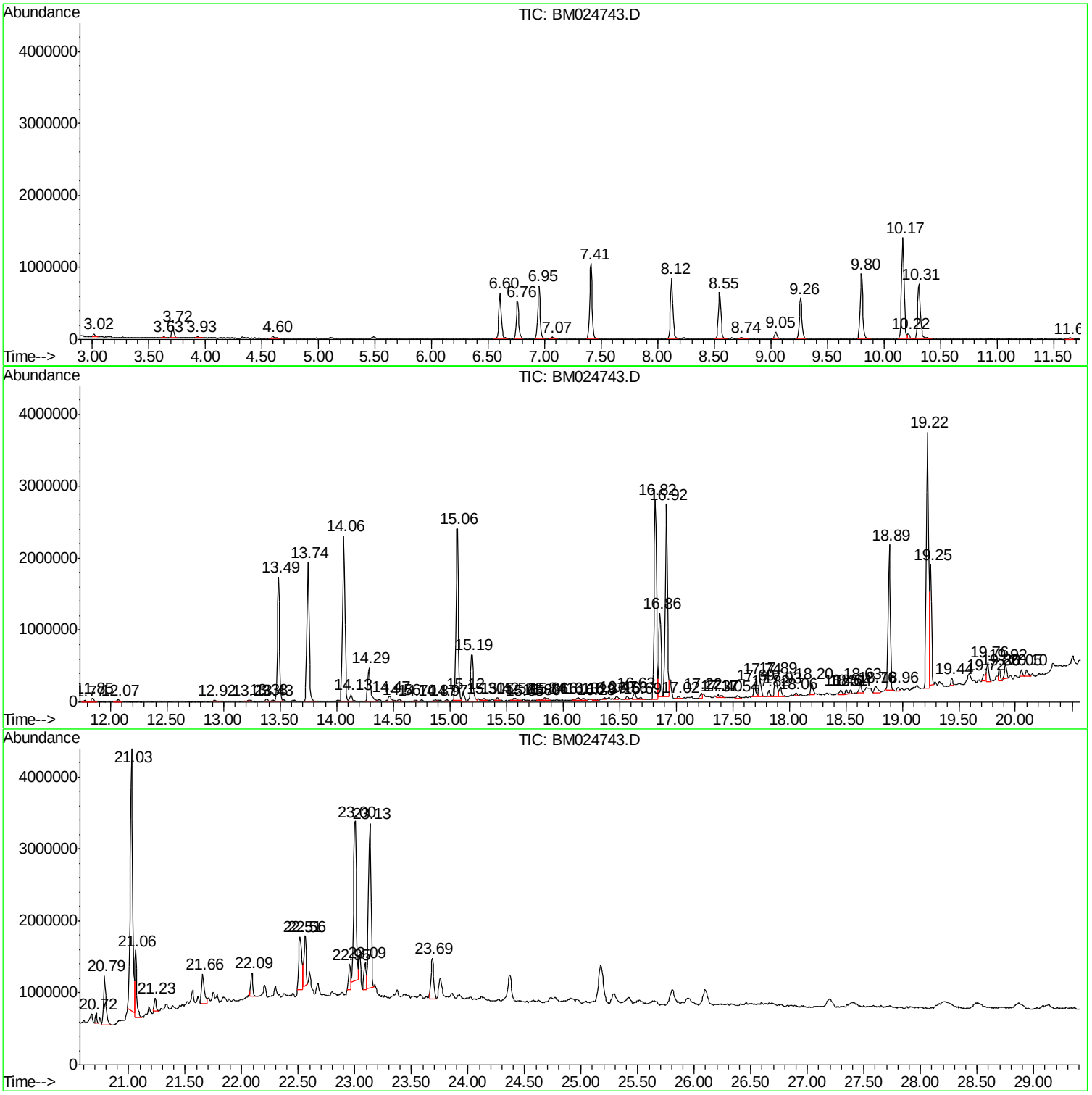
ClientSampleId :
CB6E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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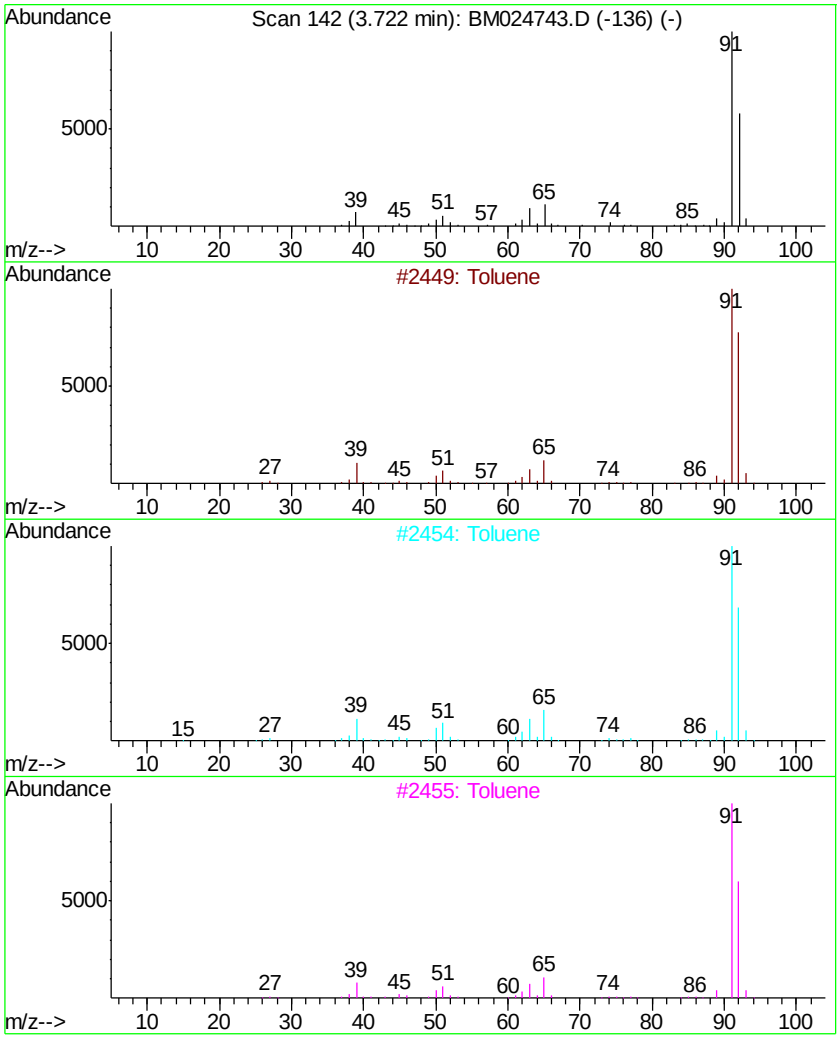
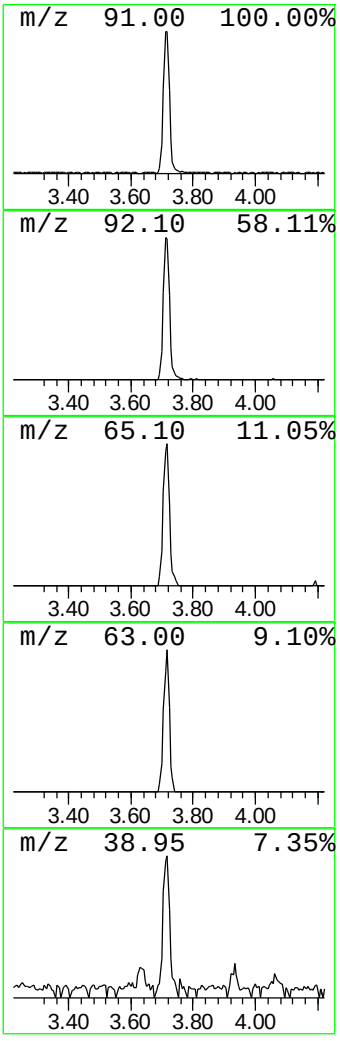
Peak Number 1 Toluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	2.70 ng/ul	217919	1,4-Dichlorobenzene-d4	7.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	93
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : CB6E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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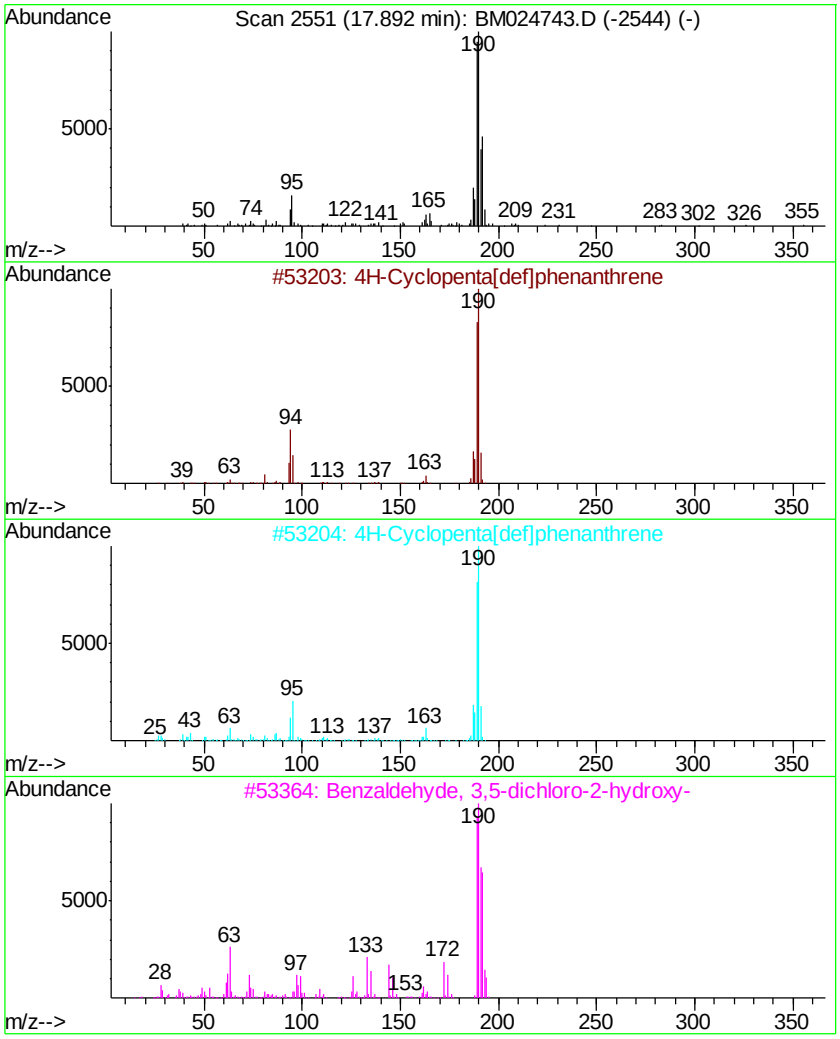
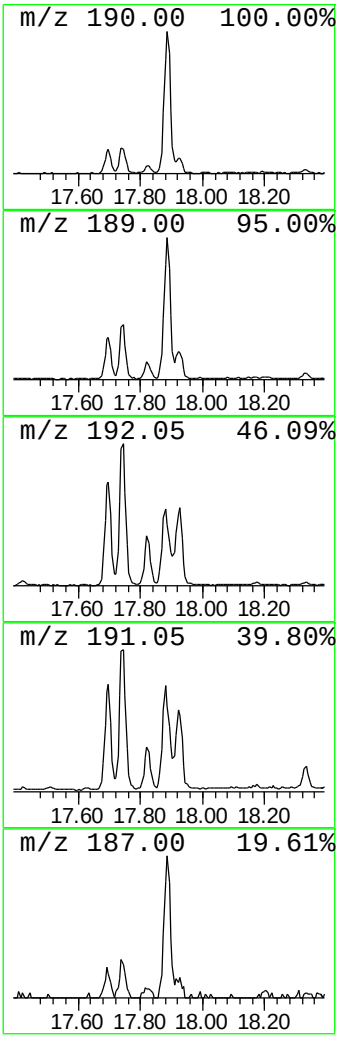
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.32 ng/ul	447961	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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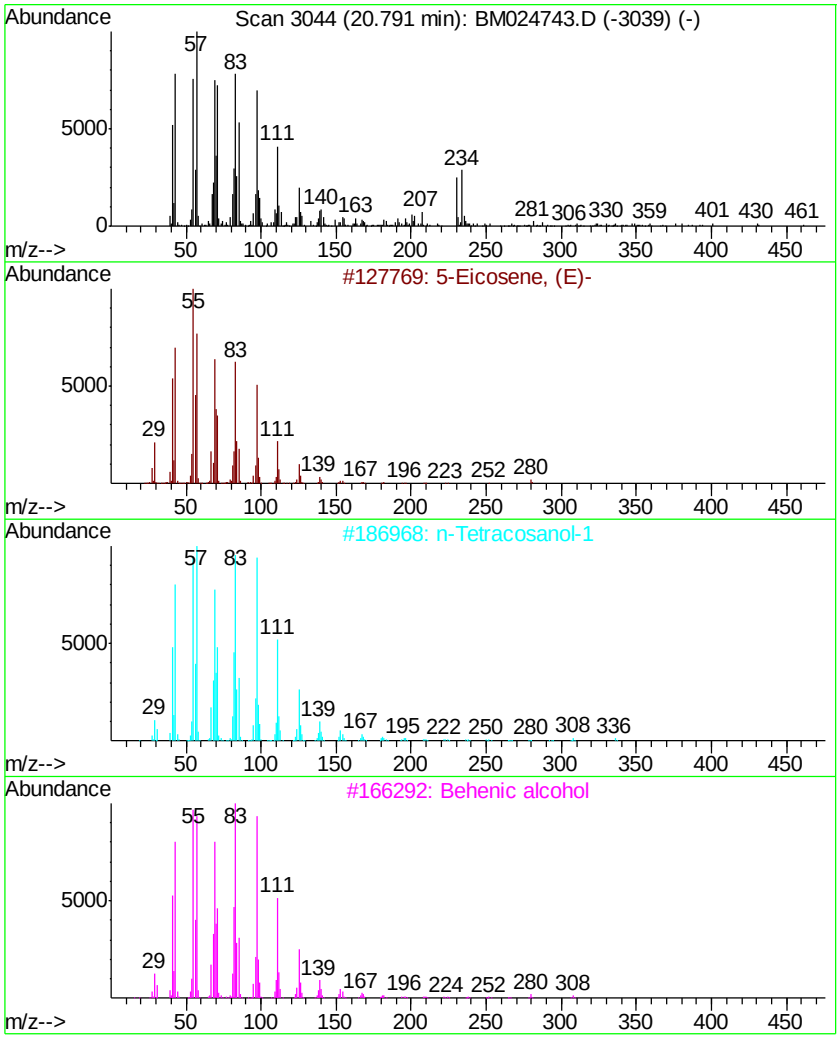
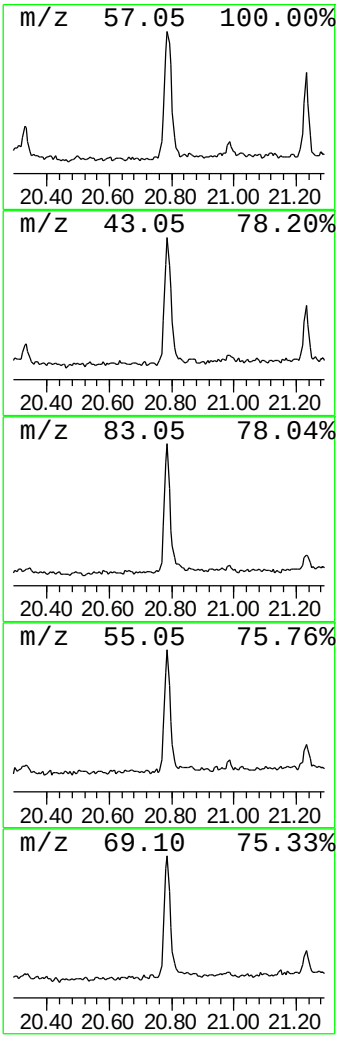
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.80 ng/ul	1057570	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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Quant Title : SVOA CALIBRATION

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

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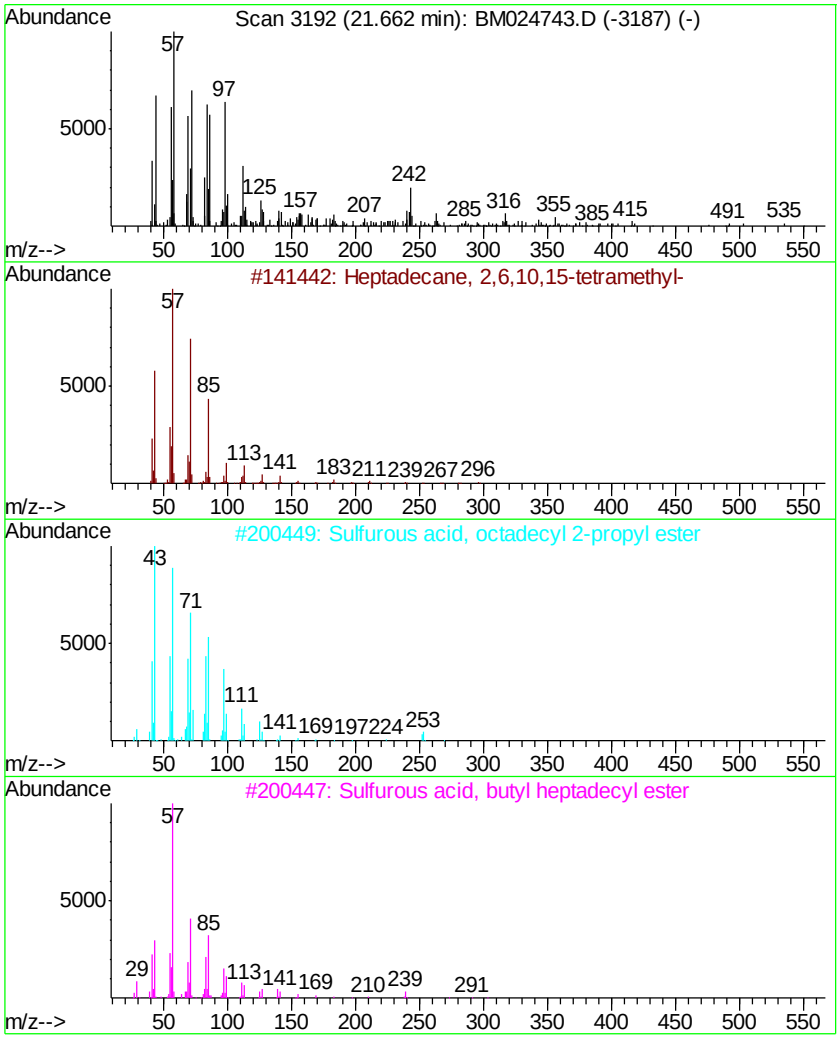
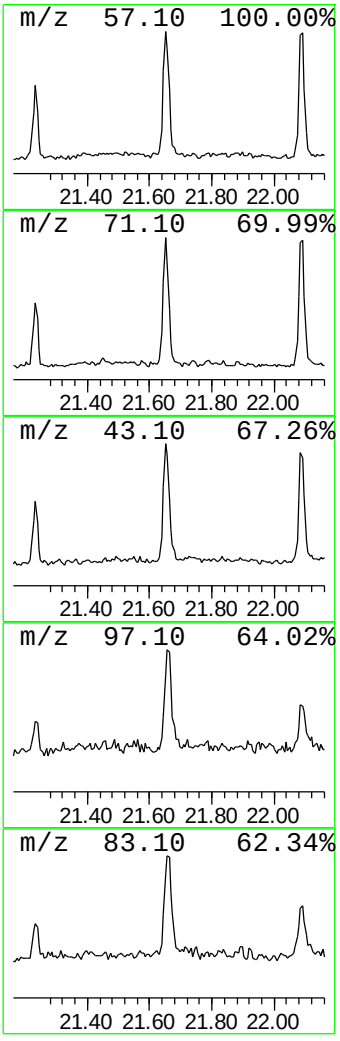
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.51 ng/ul	698338	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Octacosane	394	C28H58	000630-02-4	86





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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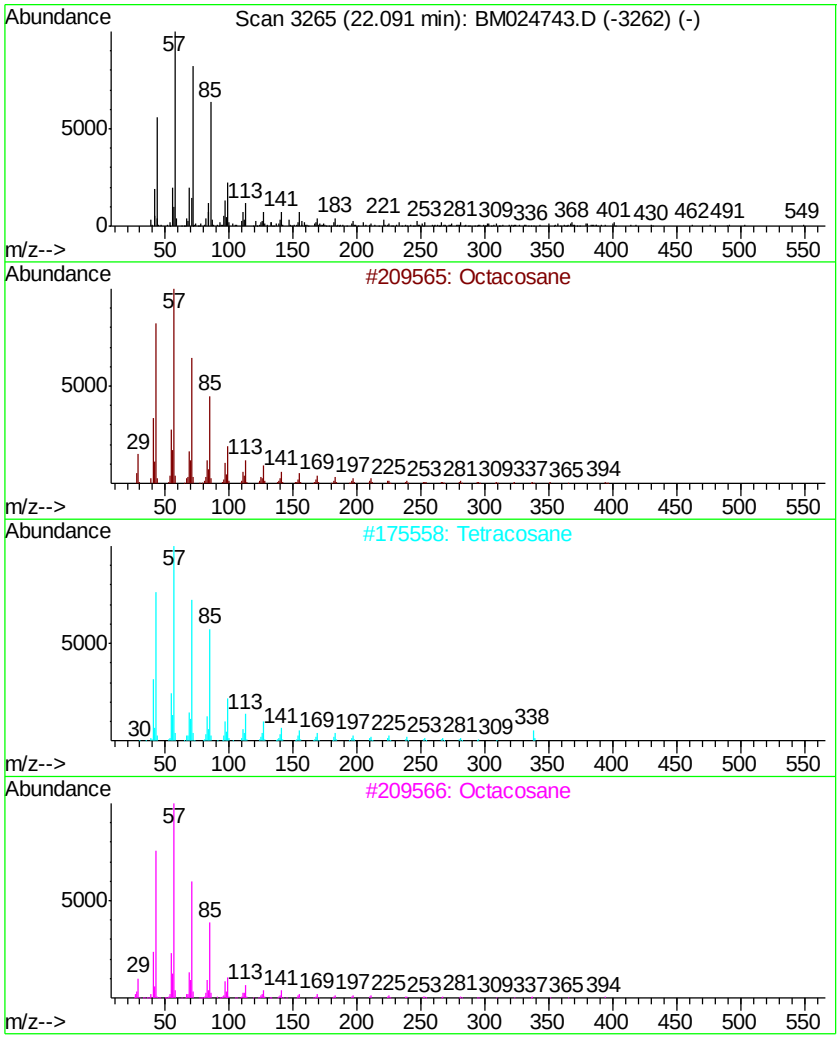
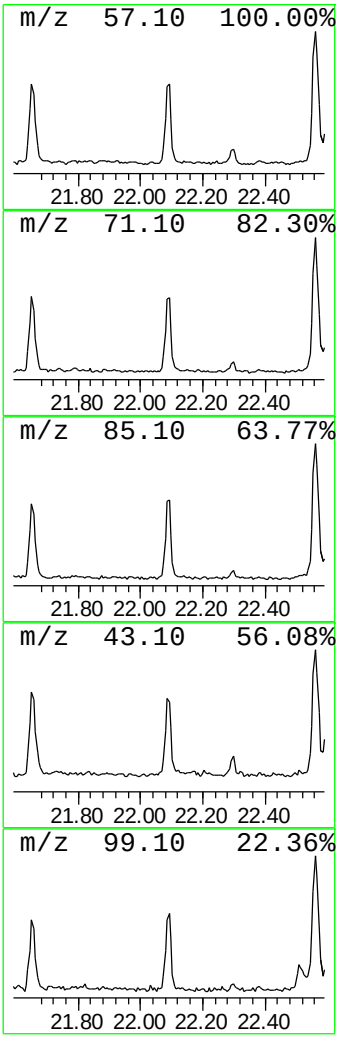
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.06 ng/ul	384612	Perylene-d12	23.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	Octacosane	394	C28H58	000630-02-4	93
4	Heneicosane	296	C21H44	000629-94-7	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024743.D
Acq On : 07 Feb 2020 00:27
Operator : CG/JU
Sample : L1398-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

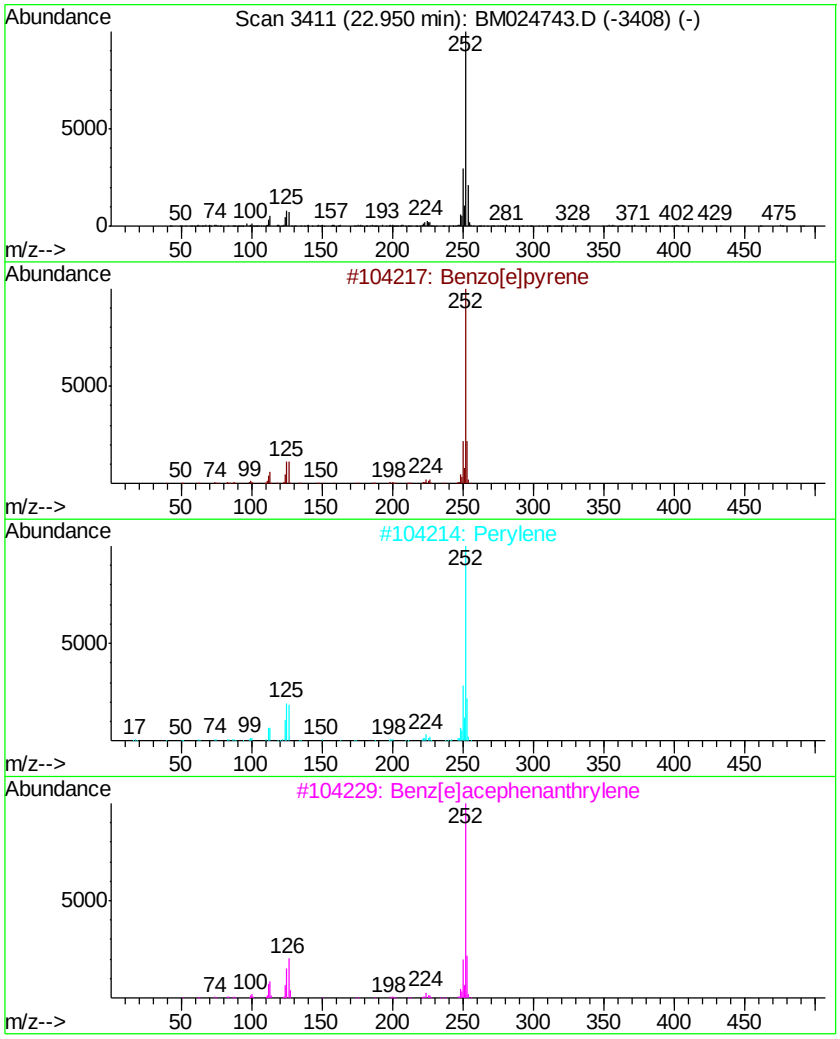
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

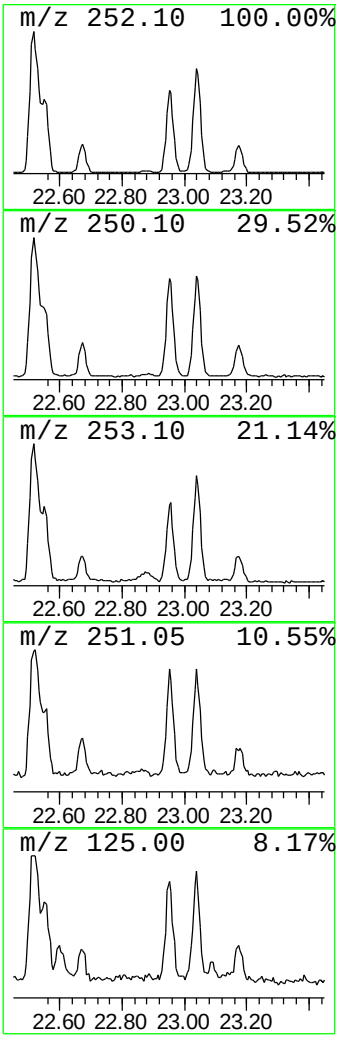
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.75 ng/ul	513086	Perylene-d12	23.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024743.D
Acq On : 07 Feb 2020 00:27
Operator : CG/JU
Sample : L1398-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6E3

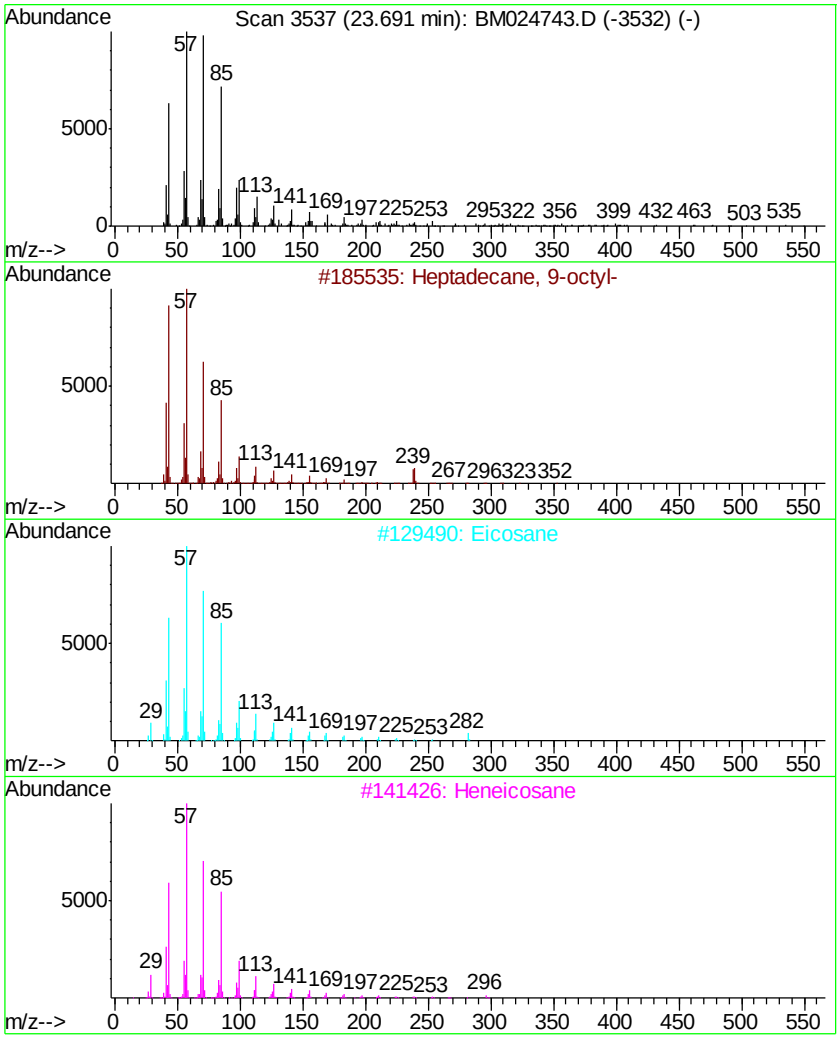
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

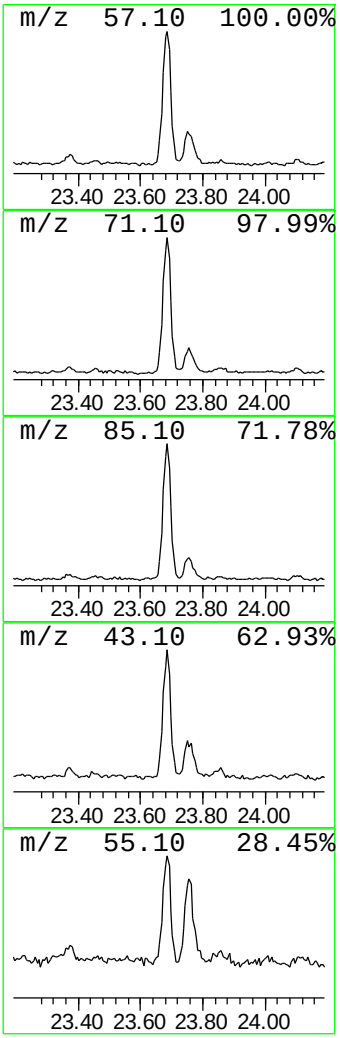
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	5.14 ng/ul	959045	Perylene-d12	23.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	2-methylhexacosane	380	C27H56	1000376-72-7	87
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024743.D
Acq On : 07 Feb 2020 00:27
Operator : CG/JU
Sample : L1398-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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	3.72	2.7	ng/ul	217919	1	7.41	1616360	20.0
4H-Cyclopenta[def...	17.89	2.3	ng/ul	447961	4	16.82	3856770	20.0
(DEL) Alkane: Str...	20.79	3.8	ng/ul	1057570	5	21.03	5561690	20.0
(DEL) Alkane: Str...	21.66	2.5	ng/ul	698338	5	21.03	5561690	20.0
(DEL) Alkane: Str...	22.09	2.1	ng/ul	384612	6	23.13	3731720	20.0
Benzo[e]pyrene	22.95	2.8	ng/ul	513086	6	23.13	3731720	20.0
(DEL) Alkane: Str...	23.69	5.1	ng/ul	959045	6	23.13	3731720	20.0