LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

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-BM072619MA.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	6.857	653	658	667	rVB	290076	481407	17.81%	1.494%
2	7.028	682	687	697	rVB	220246	362196	13.40%	1.124%
3	7.210	713	718	727	rVB	314545	523906	19.39%	1.626%
4	7.675	792	797	806	rVB	611714	1008131	37.30%	3.129%
5	8.387	912	918	931	rVB	350409	590052	21.83%	1.831%
6	8.845	990	996	1005	rVB	312121	527160	19.51%	1.636%
7	9.557	1111	1117	1127	rVB	246631	406532	15.04%	1.262%
8	10.087	1201	1207	1219	rVB	382786	701268	25.95%	2.177%
9	10.457	1264	1270	1277	rVB	910978	1499811	55.50%	4.655%
10	10.616	1291	1297	1313	rVB	288804	609294	22.55%	1.891%
11	11.998	1530	1532	1535	rVB2	2368	2900	0.11%	0.009%
12	12.069	1540	1544	1549	rVB3	5102	9467	0.35%	0.029%
13	12.833	1671	1674	1681	rVB3	2331	3453	0.13%	0.011%
14	12.922	1685	1689	1693	rVB2	3250	3469	0.13%	0.011%
15	13.204	1732	1737	1741	rVB3	2878	5126	0.19%	0.016%
16	13.745	1822	1829	1833	rBV	846702	1183957	43.81%	3.675%
17	13.792	1833	1837	1848	rVB	242544	361018	13.36%	1.121%
18	14.016	1869	1875	1889	rVV	986108	1407792	52.09%	4.369%
19	14.133	1892	1895	1899	rVB3	3001	3344	0.12%	0.010%
20	14.210	1904	1908	1912	rBV2	3192	3630	0.13%	0.011%
21	14.322	1921	1927	1937	rBV	1492462	2211147	81.82%	6.863%
22	14.563	1962	1968	1986	rBV2	68054	193717	7.17%	0.601%
23	14.774	1999	2004	2009	rVB6	12337	20261	0.75%	0.063%
24	15.092	2053	2058	2060	rBV3	4146	6167	0.23%	0.019%
25	15.116	2060	2062	2067	rVV3	3621	4868	0.18%	0.015%
26	15.169	2067	2071	2074	rVB3	3738	4917	0.18%	0.015%
27	15.321	2091	2097	2108	rBV2	1830065	2702512	100.00%	8.388%
28	15.463	2115	2121	2134	rVB	122066	198607	7.35%	0.616%
29	15.563	2134	2138	2144	rVB5	12323	17835	0.66%	0.055%
30	15.651	2149	2153	2156	rBV5	2324	2900	0.11%	0.009%
31	15.763	2167	2172	2175	rBV	28275	41089	1.52%	0.128%
32	15.798	2175	2178	2182	rVV2	31339	44754	1.66%	0.139%
33	15.839	2182	2185	2190	rVV	24162	32115	1.19%	0.100%
34	15.892	2192	2194	2198	rVB4	3078	2925	0.11%	0.009%

LSC Area Percent Report

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Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

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-BM072619MA.M
Title : SVOA CALIBRATION

35	15.969	2203	2207	2208	rBV	2565	3438	0.13%	0.011%
36	16.027	2214	2217	2219	rBV3	2557	3124	0.12%	0.010%
37	16.063	2219	2223	2230	rVV	86271	121410	4.49%	0.377%
38	16.110	2230	2231	2233	rVV2	5840	3897	0.14%	0.012%
39	16.157	2233	2239	2243	rVV	235788	316577	11.71%	0.983%
40	16.216	2244	2249	2255	rVV2	323647	608424	22.51%	1.888%
41	16.274	2255	2259	2263	rVV2	240027	385600	14.27%	1.197%
42	16.321	2263	2267	2271	rVV	140153	206252	7.63%	0.640%
43	16.374	2271	2276	2277	rVV	67072	93163	3.45%	0.289%
44	16.398	2277	2280	2282	rVV	84156	120234	4.45%	0.373%
45	16.421	2282	2284	2288	rVV	60484	74875	2.77%	0.232%
46	16.474	2288	2293	2300	rVV3	180937	340157	12.59%	1.056%
47	16.545	2300	2305	2309	rVV	186288	276859	10.24%	0.859%
48	16.580	2309	2311	2314	rVV3	63787	91155	3.37%	0.283%
49	16.616	2314	2317	2323	rVV	100241	147438	5.46%	0.458%
50	16.674	2326	2327	2332	rVV4	9632	11369	0.42%	0.035%
51	16.827	2348	2353	2355	rBV5	5267	7959	0.29%	0.025%
52	16.868	2355	2360	2364	rVB4	8535	13082	0.48%	0.041%
53	16.986	2378	2380	2386	rVB6	5031	8426	0.31%	0.026%
54	17.074	2389	2395	2406	rVV2	1802128	2577571	95.38%	8.000%
55	17.174	2406	2412	2425	rVV	1280778	1870881	69.23%	5.807%
56	17.263	2425	2427	2429	rVB3	3649	3508	0.13%	0.011%
57	17.363	2442	2444	2450	rVB4	5047	7146	0.26%	0.022%
58	17.433	2452	2456	2459	rBV4	6441	11595	0.43%	0.036%
59	17.521	2467	2471	2472	rBV4	2989	4239	0.16%	0.013%
60	17.721	2501	2505	2506	rBV4	2681	3282	0.12%	0.010%
61	17.733	2506	2507	2512	rVV4	2726	4149	0.15%	0.013%
62	17.833	2522	2524	2526	rBV3	2559	3317	0.12%	0.010%
63	17.968	2542	2547	2557	rBV	123900	208442	7.71%	0.647%
64	18.257	2593	2596	2599	rBV3	5143	6319	0.23%	0.020%
65	18.321	2602	2607	2611	rVV6	4049	7716	0.29%	0.024%
66	18.892	2702	2704	2707	rVB3	5142	4329	0.16%	0.013%
67	19.115	2738	2742	2744	rBV2	16442	23982	0.89%	0.074%
68	19.145	2744	2747	2751	rVB2	27220	34857	1.29%	0.108%
69	19.257	2762	2766	2773	rBV2	72179	119358	4.42%	0.370%
70	19.362	2781	2784	2787	rBV	9647	12842	0.48%	0.040%
71	19.474	2798	2803	2815	rBV	1607381	2143553	79.32%	6.653%

LSC Area Percent Report

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Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

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-BM072619MA.M
Title : SVOA CALIBRATION

72	20.009	2892	2894	2897	rVB2	19871	18931	0.70%	0.059%
73	20.509	2976	2979	2983	rBV3	34628	37015	1.37%	0.115%
74	20.974	3054	3058	3065	rBV3	139180	228660	8.46%	0.710%
75	21.268	3103	3108	3119	rBV	1664037	2273891	84.14%	7.058%
76	21.409	3129	3132	3137	rBV2	90292	97972	3.63%	0.304%
77	21.839	3202	3205	3209	rBV	128733	134390	4.97%	0.417%
78	22.297	3280	3283	3293	rVB	166106	208699	7.72%	0.648%
79	22.797	3365	3368	3374	rVB	179368	251493	9.31%	0.781%
80	23.362	3458	3464	3476	rVB	1001295	1876333	69.43%	5.824%
81	23.503	3482	3488	3496	rBV2	1085492	2033025	75.23%	6.310%

Sum of corrected areas: 32218661

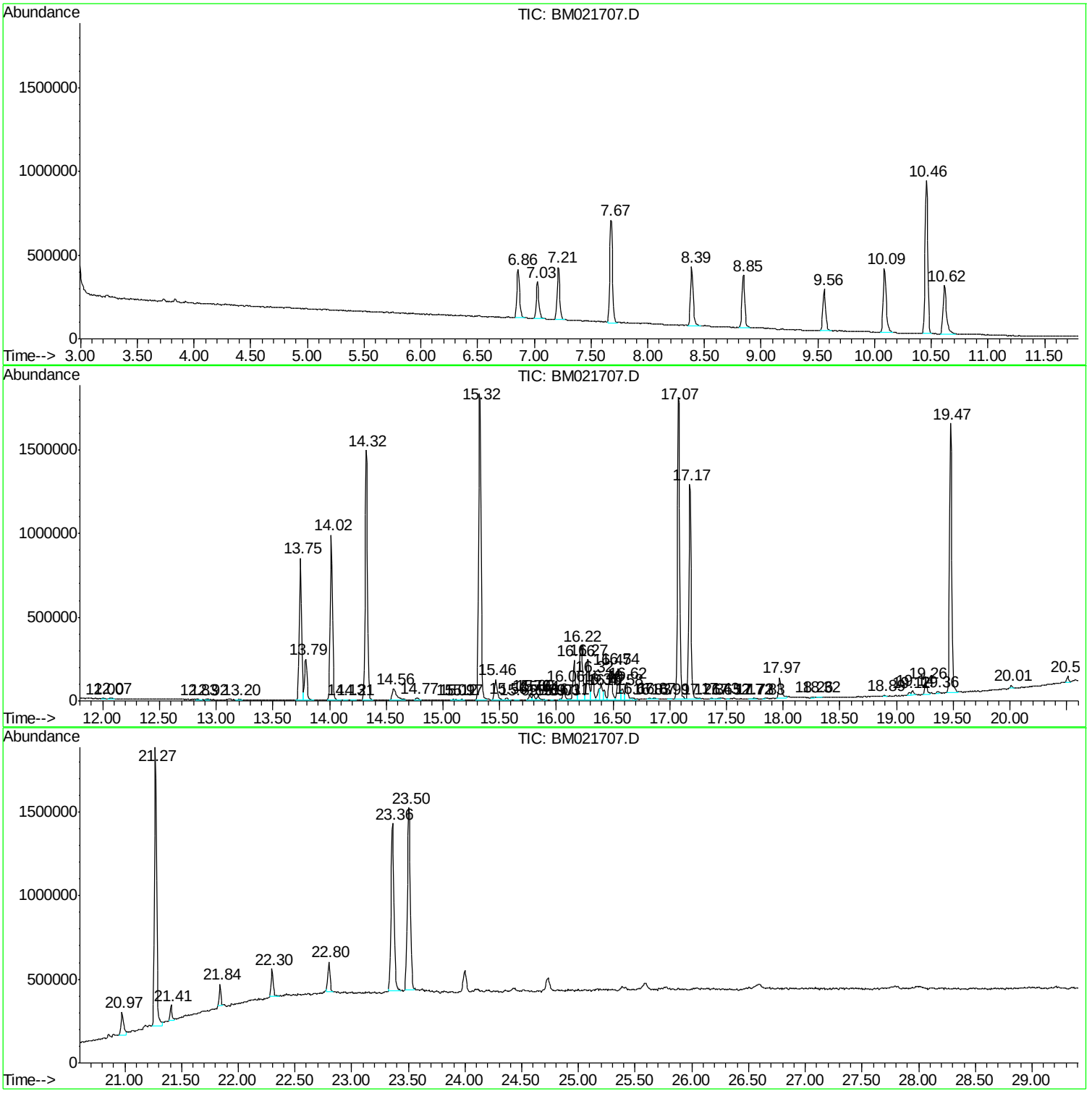
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

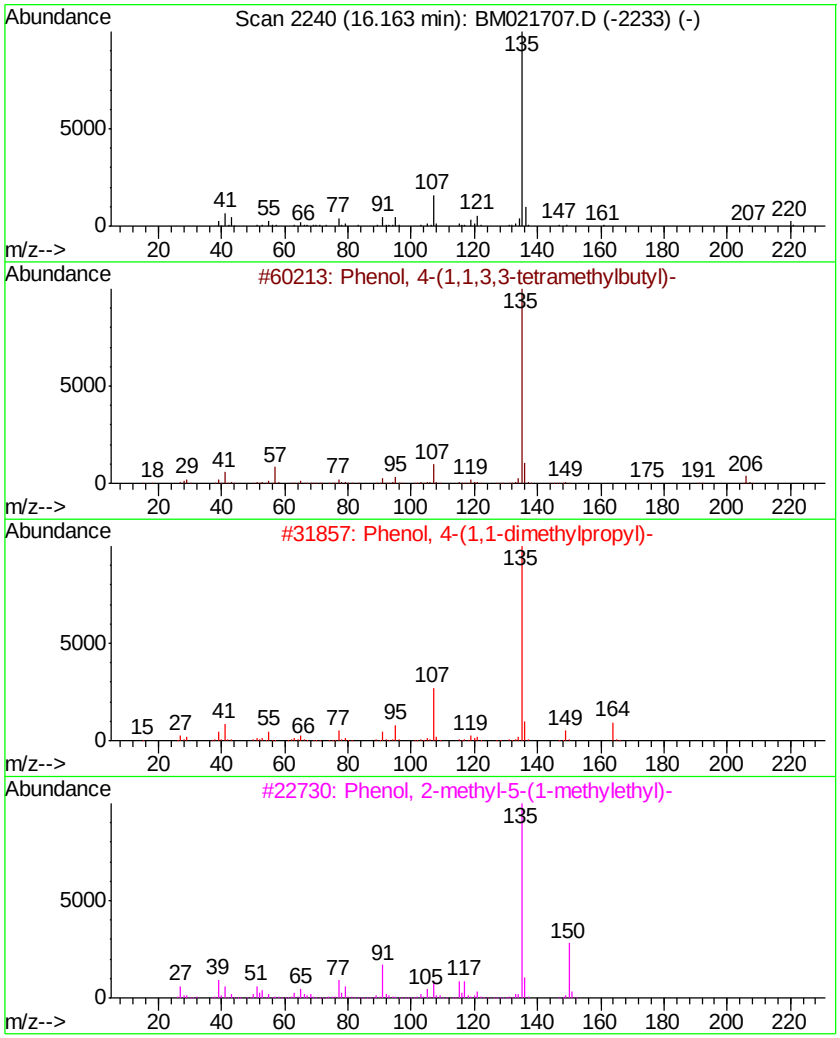
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

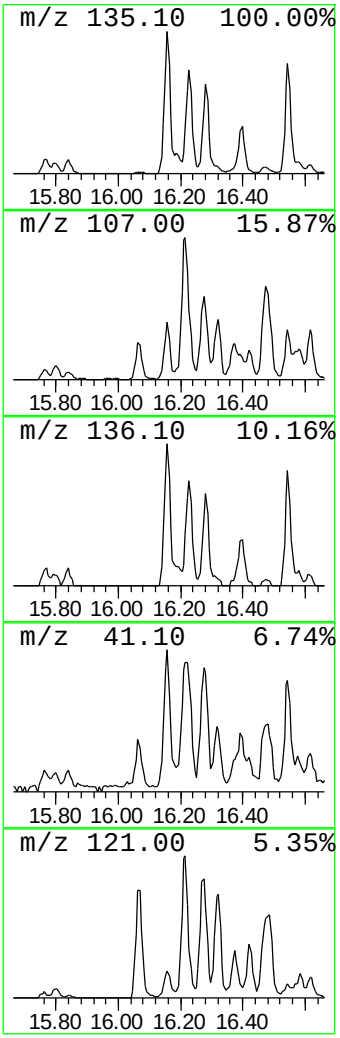
****

Peak Number 1 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.46 ng/ul	316577	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
5	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

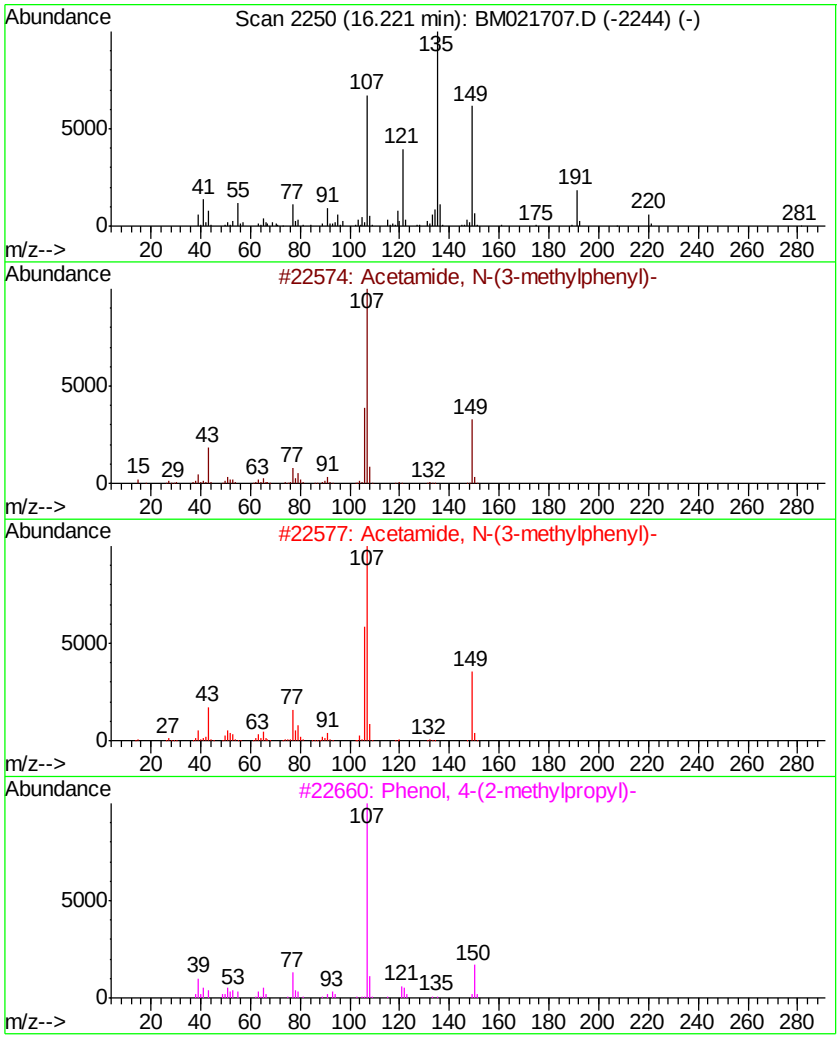
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

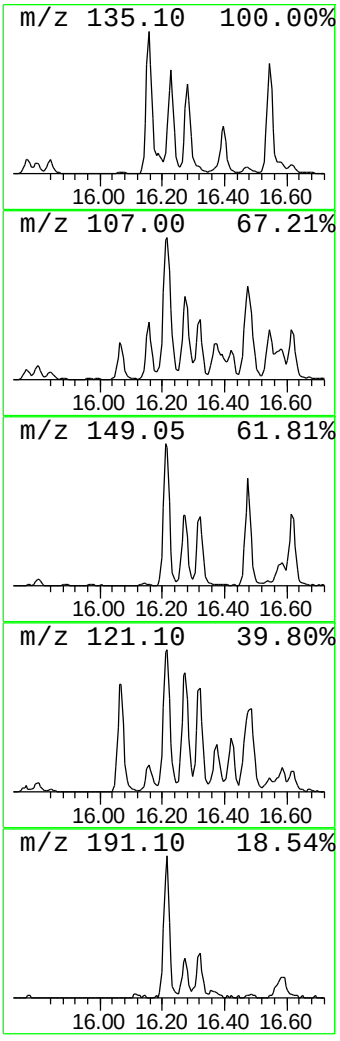
****

Peak Number 2 Acetamide, N-(3-methylphenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	4.72 ng/ul	608424	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

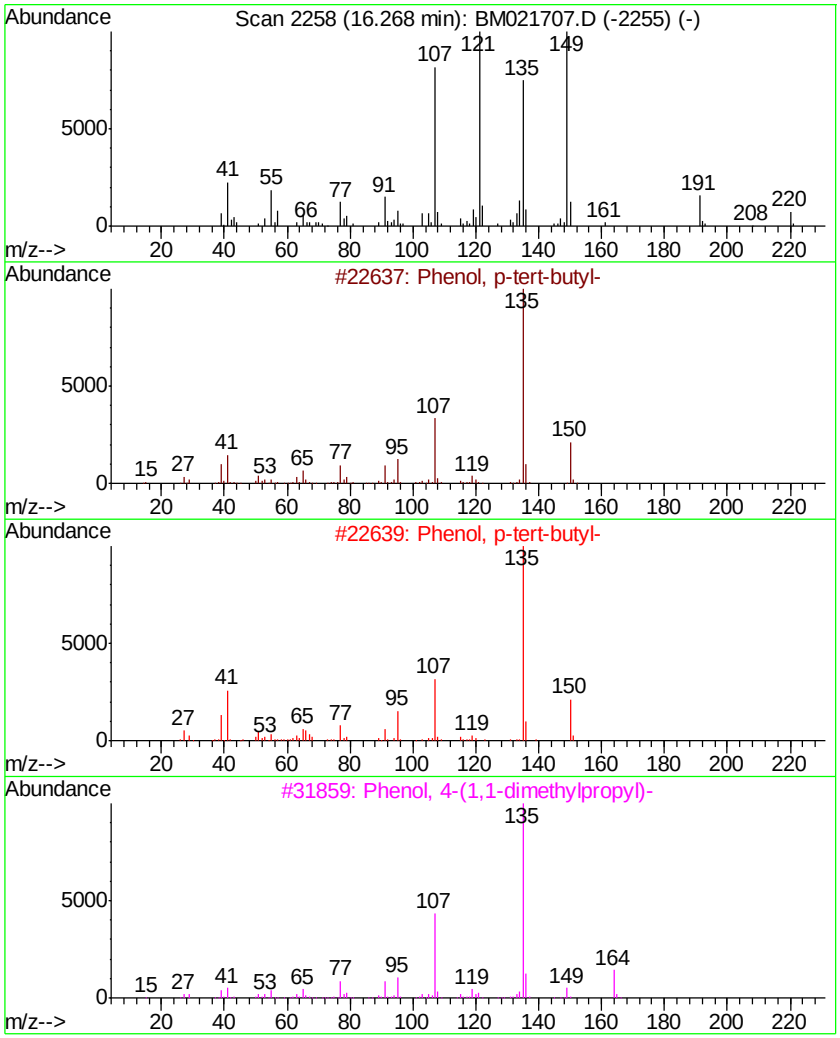
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

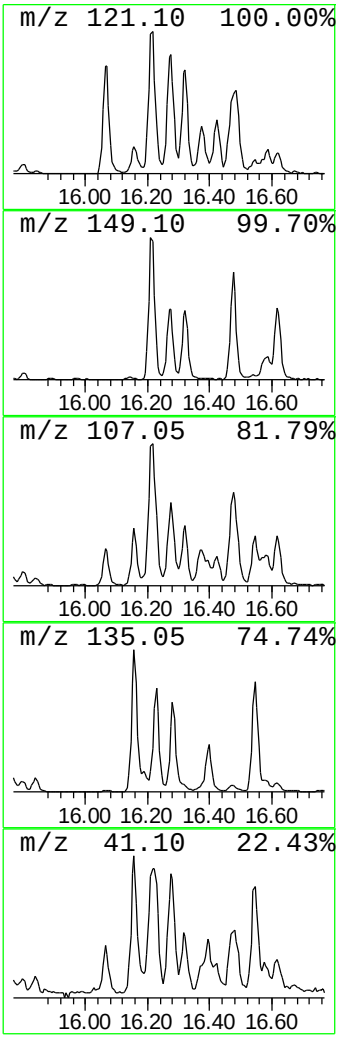
****

Peak Number 3 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.99 ng/ul	385600	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	60
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
5	Ethanone, 2-ethoxy-1,2-diphenyl-	240	C16H16O2	000574-09-4	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

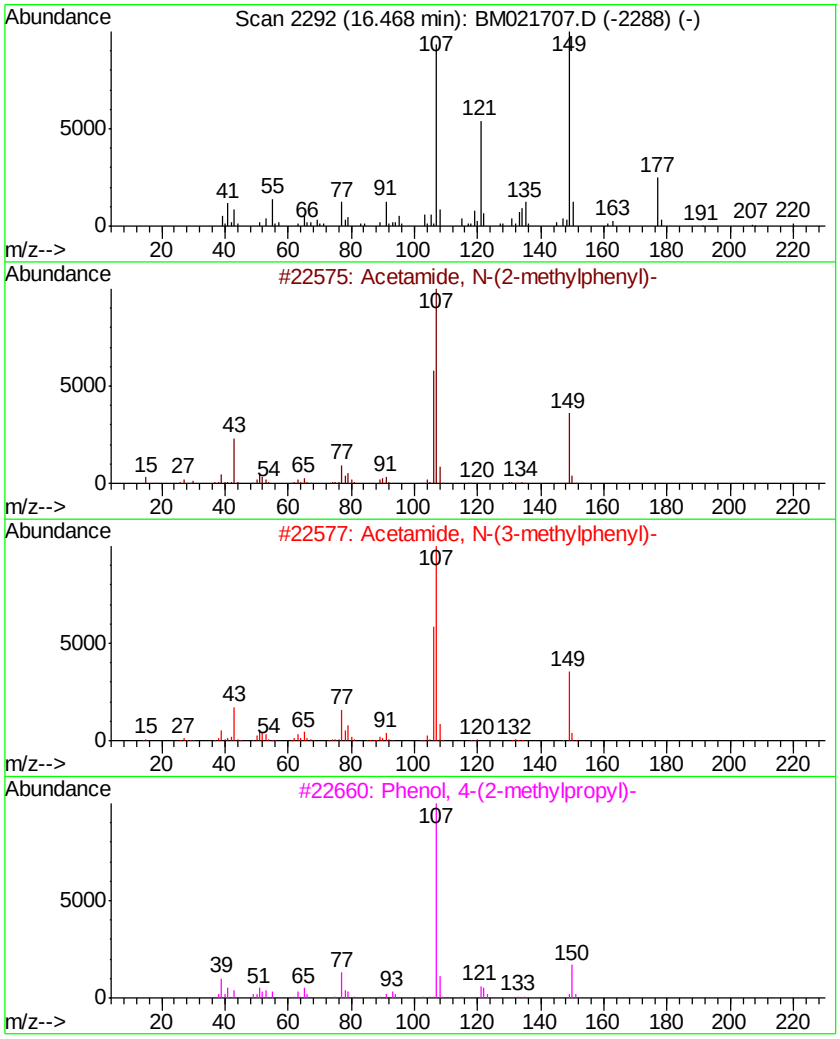
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

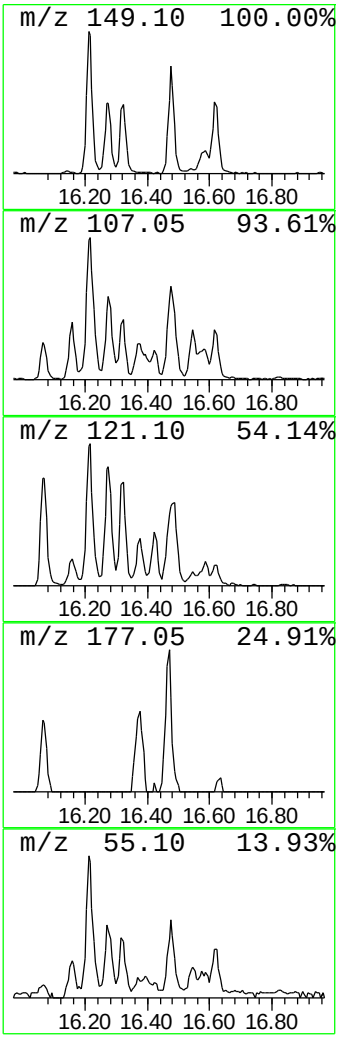
****

Peak Number 4 Acetamide, N-(2-methylphenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.64 ng/ul	340157	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	72
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	47
3	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	46
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	45
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

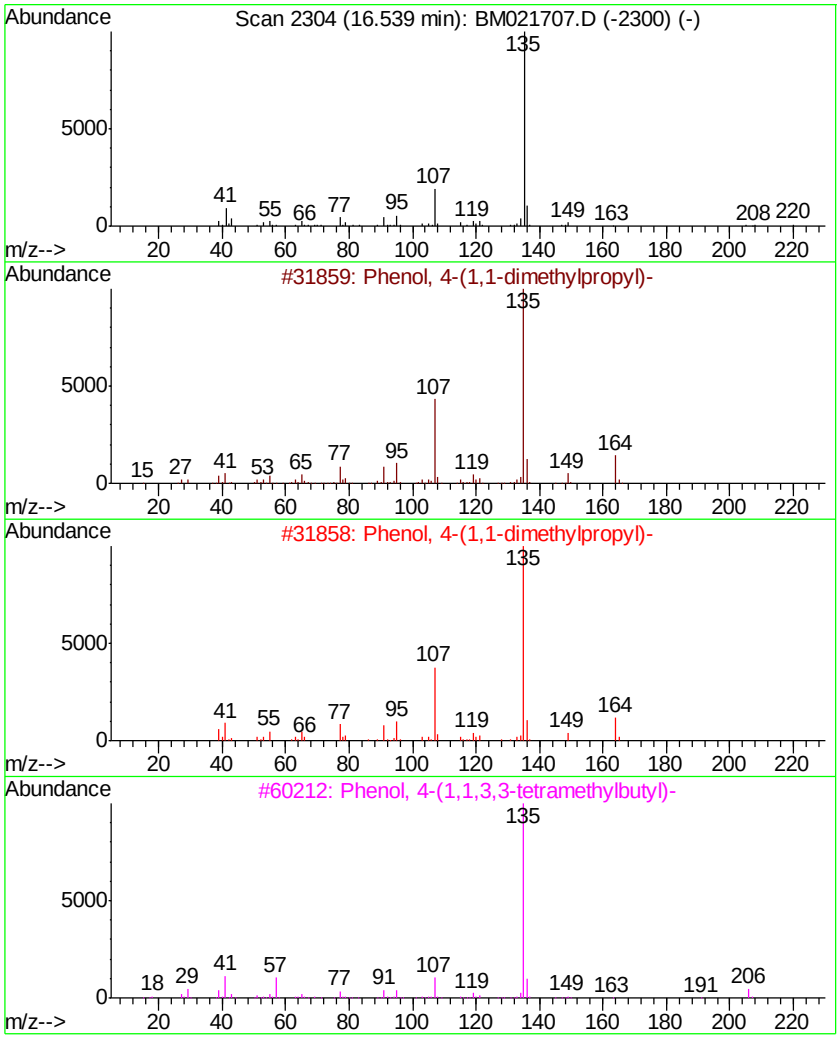
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

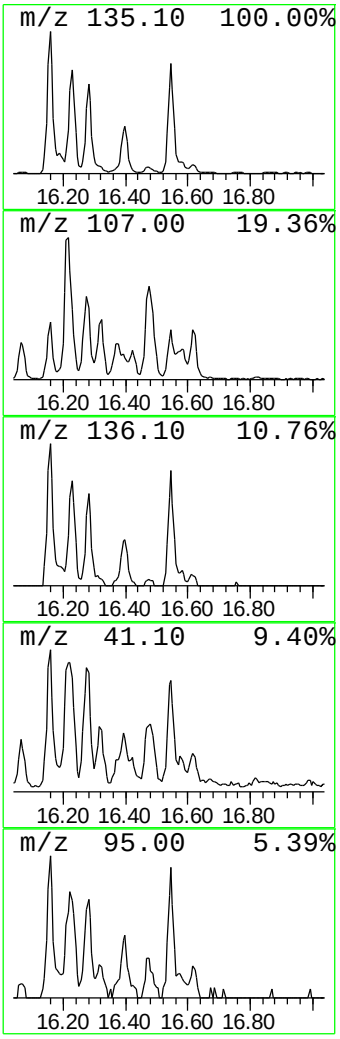
****

Peak Number 5 Phenol, 4-(1,1-dimethylprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.15 ng/ul	276859	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

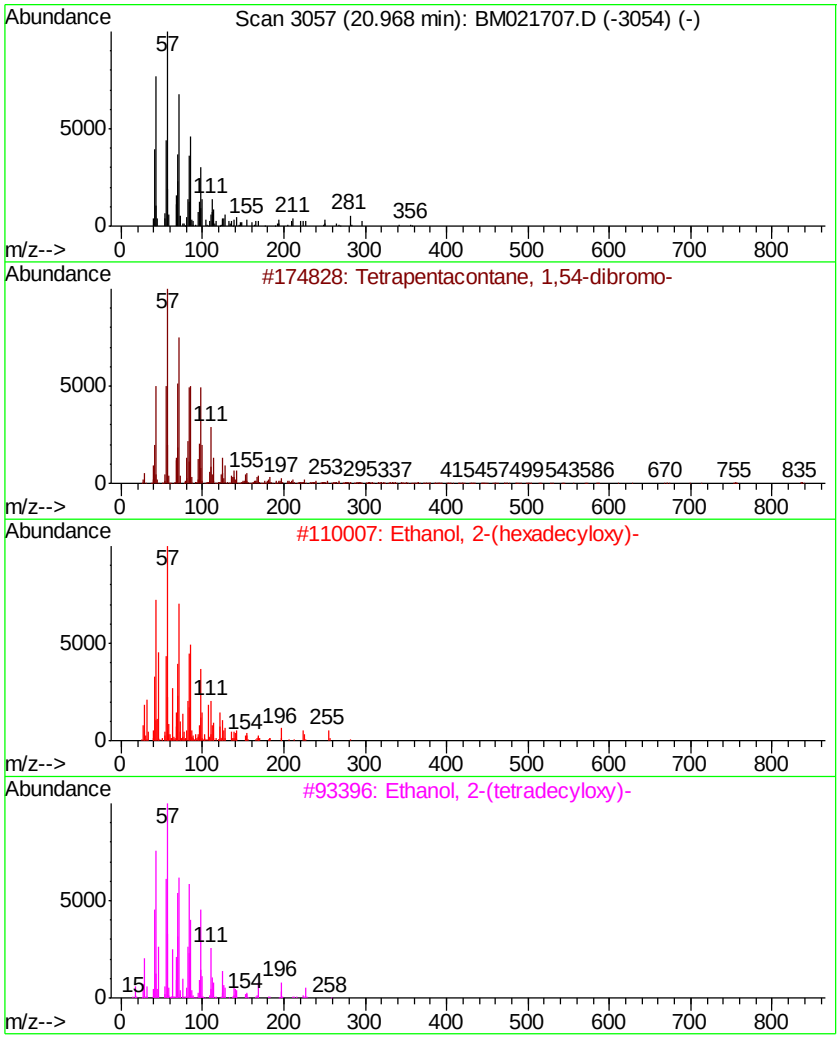
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

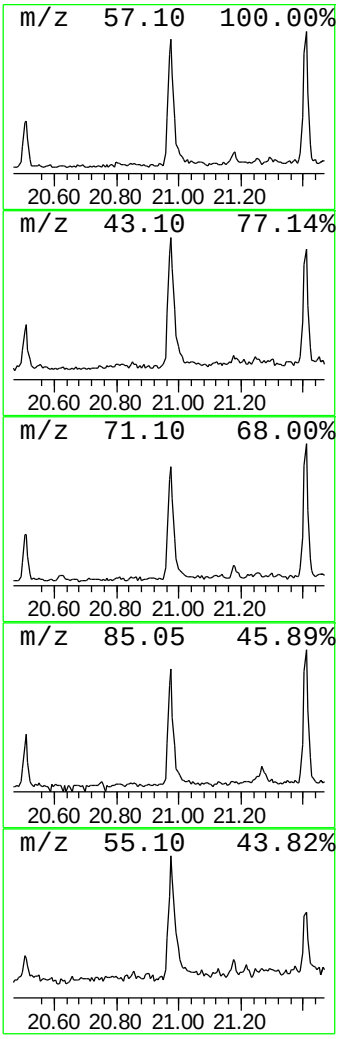
****

Peak Number 6 Tetrapentacontane, 1,54-dib... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.01 ng/ul	228660	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	90
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
5	Hexadecane, 1-(ethenyloxy)-	268	C18H36O	000822-28-6	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

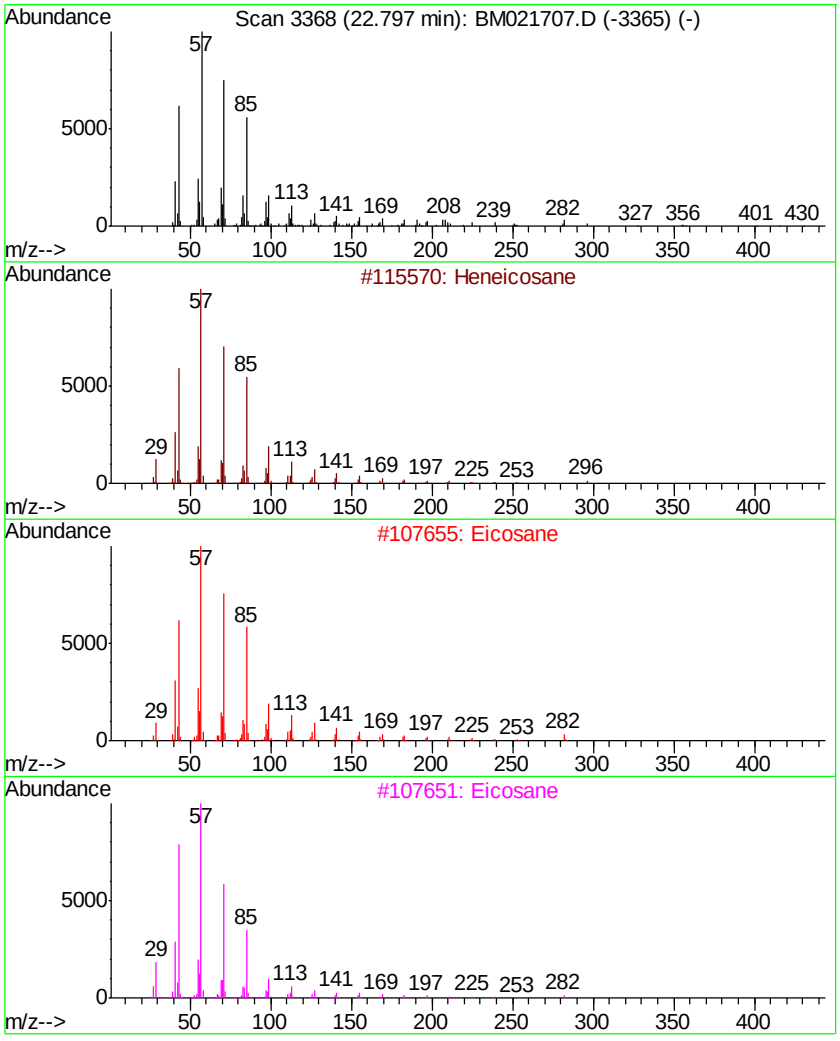
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

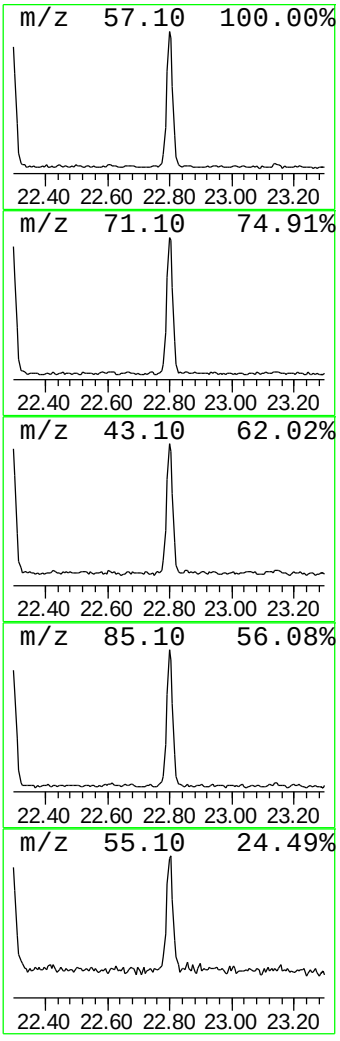
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.47 ng/ul	251493	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Triacontane	422	C30H62	000638-68-6	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021707.D
Acq On : 29 Jul 2019 22:13
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
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
Phenol, 4-(1,1,3,...	16.16	2.5	ng/ul	316577	4	17.07	2577570	20.0
Acetamide, N-(3-m...	16.22	4.7	ng/ul	608424	4	17.07	2577570	20.0
Phenol, p-tert-bu...	16.27	3.0	ng/ul	385600	4	17.07	2577570	20.0
Acetamide, N-(2-m...	16.47	2.6	ng/ul	340157	4	17.07	2577570	20.0
Phenol, 4-(1,1-di...	16.54	2.1	ng/ul	276859	4	17.07	2577570	20.0
Tetrapentacontane...	20.97	2.0	ng/ul	228660	5	21.27	2273890	20.0
(DEL) Alkane: Str...	22.80	2.5	ng/ul	251493	6	23.50	2033030	20.0