LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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	668	rVB	391643	660129	15.29%	1.666%
2	7.028	682	687	697	rVB	308518	490883	11.37%	1.239%
3	7.216	713	719	728	rVB	419520	694759	16.09%	1.753%
4	7.681	792	798	806	rVB	550863	875288	20.27%	2.208%
5	8.387	912	918	933	rVB	488155	807731	18.71%	2.038%
6	8.846	990	996	1005	rVB	423637	712197	16.49%	1.797%
7	9.557	1111	1117	1127	rVB	351135	598682	13.87%	1.511%
8	10.087	1201	1207	1225	rVB	545877	995545	23.06%	2.512%
9	10.457	1264	1270	1279	rVB	801326	1319106	30.55%	3.328%
10	10.616	1290	1297	1322	rVB	428355	876192	20.29%	2.211%
11	12.069	1539	1544	1550	rVB3	6217	12344	0.29%	0.031%
12	12.922	1685	1689	1693	rVB3	3346	5153	0.12%	0.013%
13	13.745	1822	1829	1833	rBV	1148987	1613376	37.37%	4.071%
14	13.792	1833	1837	1845	rVB	336841	490643	11.36%	1.238%
15	14.016	1867	1875	1886	rBV	1360488	1927218	44.63%	4.862%
16	14.322	1921	1927	1937	rBV	1281880	1929240	44.68%	4.868%
17	14.557	1961	1967	1983	rBV	158688	367311	8.51%	0.927%
18	14.769	1998	2003	2009	rVB3	22932	32187	0.75%	0.081%
19	15.098	2054	2059	2060	rBV	4144	5936	0.14%	0.015%
20	15.169	2066	2071	2074	rBV3	4690	5885	0.14%	0.015%
21	15.328	2091	2098	2116	rBV	2965106	4317745	100.00%	10.894%
22	15.463	2116	2121	2133	rVV	243950	370538	8.58%	0.935%
23	15.563	2133	2138	2143	rVB2	16973	26541	0.61%	0.067%
24	15.645	2150	2152	2158	rVB4	3880	5612	0.13%	0.014%
25	15.769	2164	2173	2175	rBV	58198	86546	2.00%	0.218%
26	15.798	2175	2178	2182	rVV	70939	103076	2.39%	0.260%
27	15.839	2182	2185	2190	rVV	51588	67770	1.57%	0.171%
28	15.898	2192	2195	2200	rVB5	5519	7487	0.17%	0.019%
29	15.980	2200	2209	2210	rBV4	4672	9303	0.22%	0.023%
30	16.069	2219	2224	2229	rVV	165560	227603	5.27%	0.574%
31	16.157	2233	2239	2243	rVV	464548	621967	14.40%	1.569%
32	16.216	2243	2249	2255	rVV2	597721	1182519	27.39%	2.984%
33	16.275	2255	2259	2264	rVV2	478822	764792	17.71%	1.930%
34	16.322	2264	2267	2271	rVV	259864	345883	8.01%	0.873%

LSC Area Percent Report

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Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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	16.375	2271	2276	2277	rVV	123964	160779	3.72%	0.406%
36	16.398	2277	2280	2282	rVV	164622	229204	5.31%	0.578%
37	16.422	2282	2284	2288	rVV	109451	142207	3.29%	0.359%
38	16.474	2288	2293	2300	rVV4	325103	614604	14.23%	1.551%
39	16.545	2300	2305	2309	rVV	344045	510389	11.82%	1.288%
40	16.580	2309	2311	2314	rVV3	117683	168656	3.91%	0.426%
41	16.616	2314	2317	2323	rVV	184607	267789	6.20%	0.676%
42	16.674	2324	2327	2333	rVB6	14580	25825	0.60%	0.065%
43	16.751	2338	2340	2347	rVV4	5827	8722	0.20%	0.022%
44	16.822	2347	2352	2355	rVV4	10679	16438	0.38%	0.041%
45	16.869	2355	2360	2364	rVB5	9867	19186	0.44%	0.048%
46	17.080	2389	2396	2406	rBV	1704485	2272142	52.62%	5.733%
47	17.174	2406	2412	2423	rVV	1693014	2542315	58.88%	6.414%
48	17.257	2423	2426	2430	rVB4	5087	7669	0.18%	0.019%
49	17.374	2442	2446	2448	rBV5	4584	5108	0.12%	0.013%
50	17.433	2452	2456	2459	rBV5	9198	14285	0.33%	0.036%
51	17.969	2542	2547	2558	rBV	107881	188791	4.37%	0.476%
52	18.051	2558	2561	2565	rVB3	4730	7361	0.17%	0.019%
53	18.316	2601	2606	2612	rBV9	9521	21715	0.50%	0.055%
54	18.392	2617	2619	2624	rVB4	5420	6899	0.16%	0.017%
55	18.498	2631	2637	2639	rBV7	5959	11303	0.26%	0.029%
56	18.892	2701	2704	2708	rBV6	7909	11875	0.28%	0.030%
57	19.110	2737	2741	2744	rBV2	20584	31016	0.72%	0.078%
58	19.139	2744	2746	2751	rVB	19923	25545	0.59%	0.064%
59	19.257	2762	2766	2774	rBV4	39680	77322	1.79%	0.195%
60	19.368	2783	2785	2789	rVB3	13184	11195	0.26%	0.028%
61	19.480	2798	2804	2818	rBV	2103721	2902917	67.23%	7.324%
62	20.974	3055	3058	3065	rBV3	149789	238594	5.53%	0.602%
63	21.274	3103	3109	3120	rBV	1477327	2045497	47.37%	5.161%
64	21.409	3129	3132	3137	rBV2	66257	80558	1.87%	0.203%
65	21.839	3202	3205	3209	rBV	106392	121725	2.82%	0.307%
66	22.298	3281	3283	3289	rVB2	88316	107355	2.49%	0.271%
67	23.362	3458	3464	3477	rVB	1313635	2329714	53.96%	5.878%
68	23.509	3482	3489	3500	rVB	959125	1852693	42.91%	4.674%

Sum of corrected areas: 39634580

LSC Report - Integrated Chromatogram

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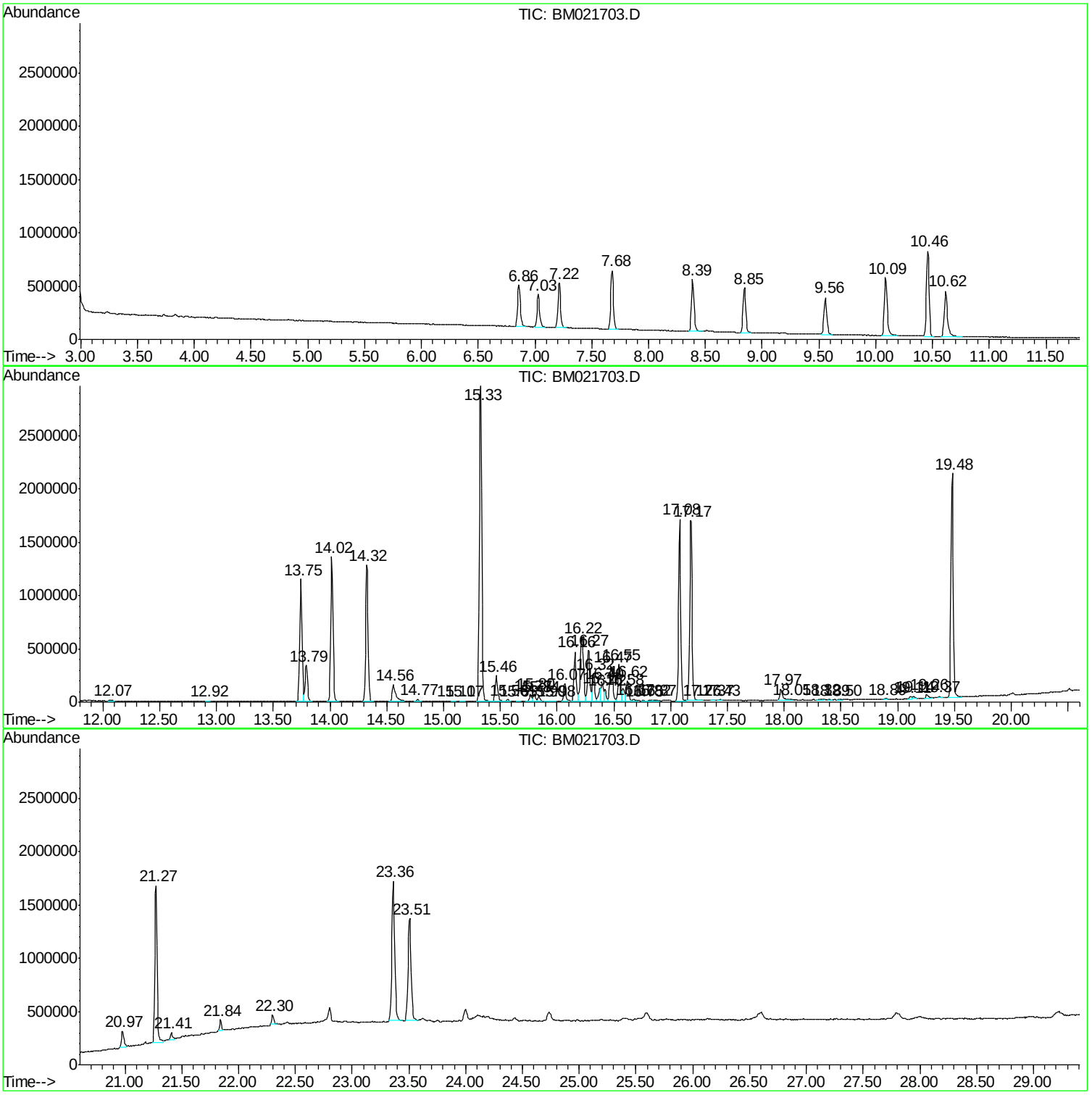
Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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 : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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

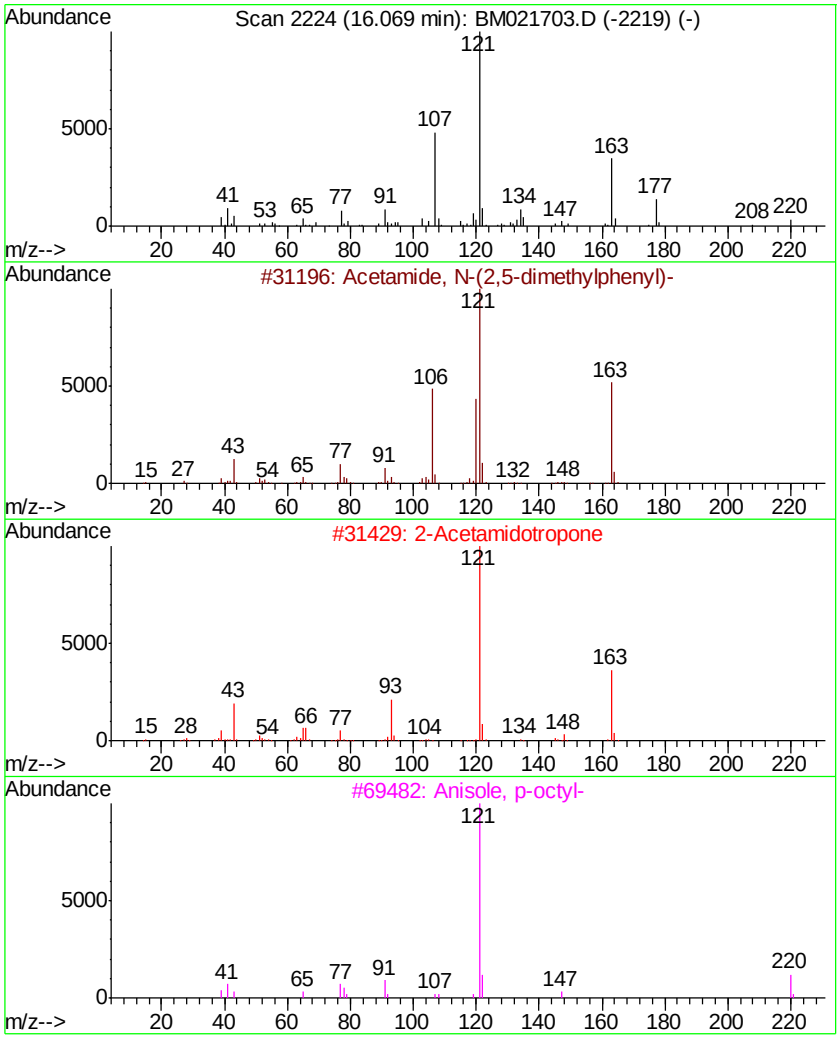
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

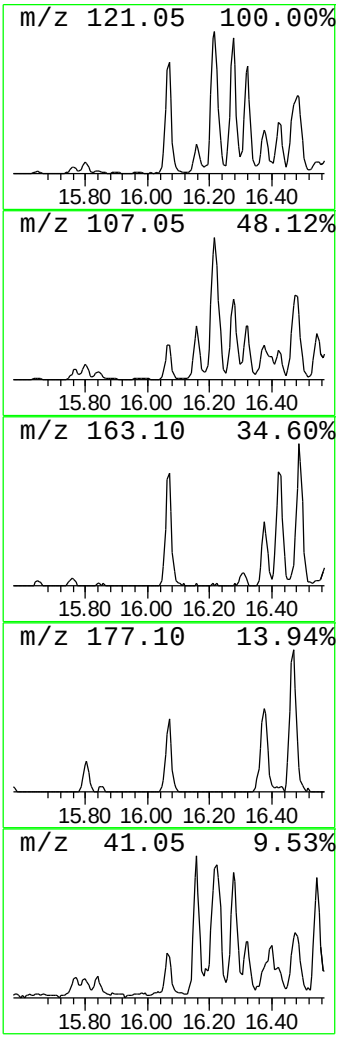
****

Peak Number 1 Acetamide, N-(2,5-dimethylp... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.00 ng/ul	227603	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	52
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	49
3	Anisole, p-octyl-	220	C15H24O	003307-19-5	45
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	43
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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

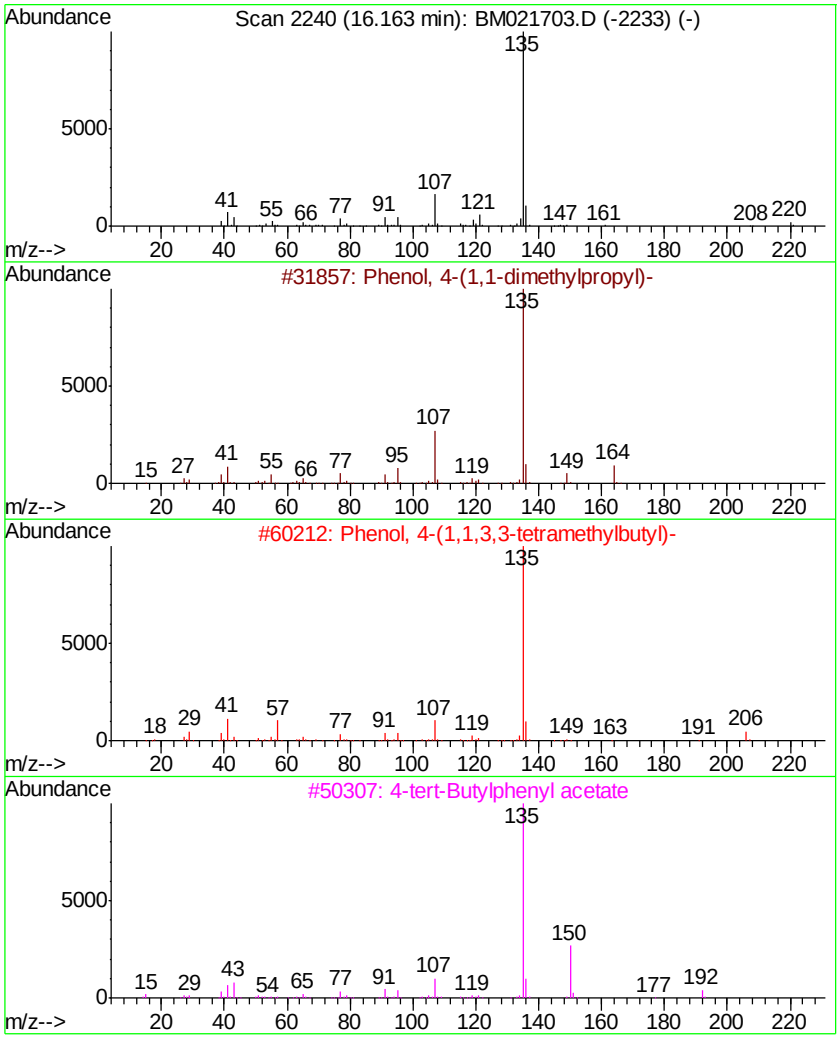
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

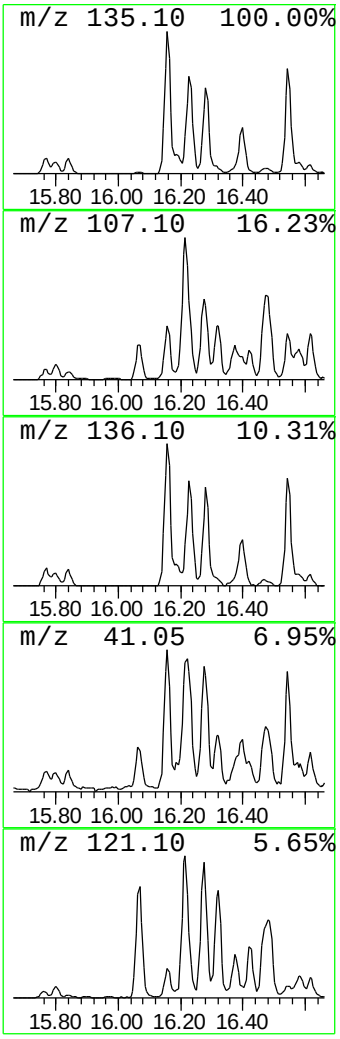
****

Peak Number 2 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	5.47 ng/ul	621967	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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

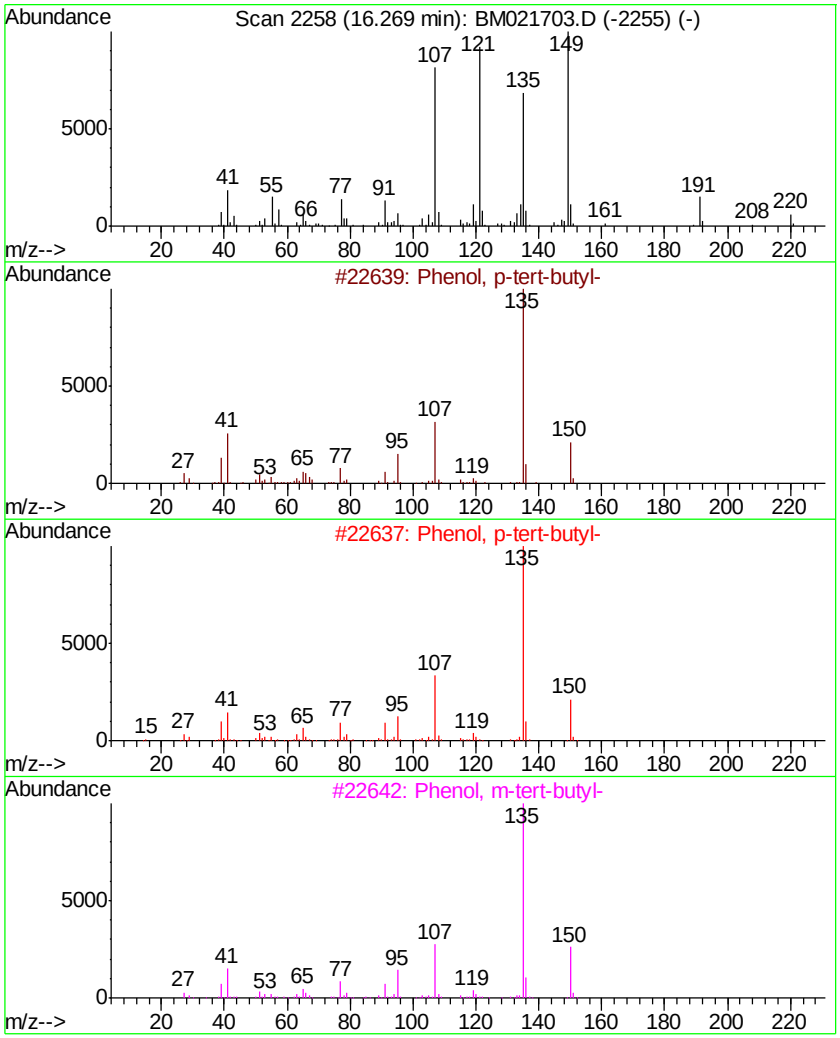
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

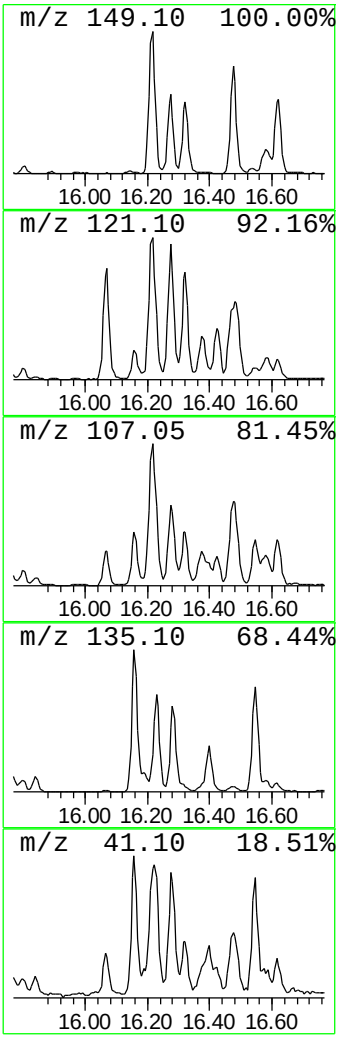
****

Peak Number 4 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	6.73 ng/ul	764792	Phenanthrene-d10	17.08

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	64
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021703.D
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Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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

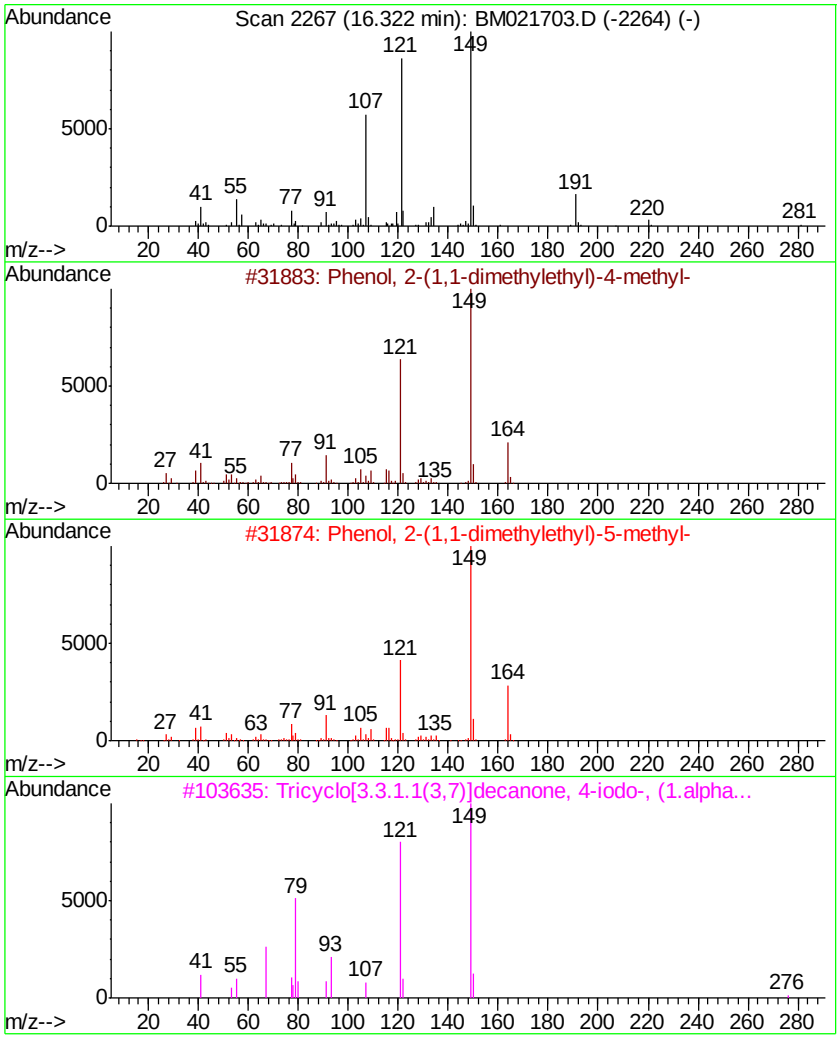
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

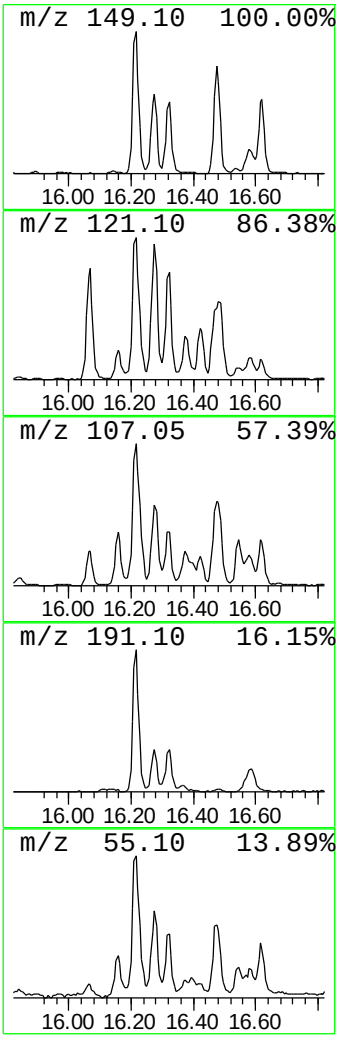
****

Peak Number 5 Phenol, 2-(1,1-dimethylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.04 ng/ul	345883	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	53
3	Tricyclo[3.3.1.1(3,7)]decanone, ...	276	C10H13IO	056781-85-2	53
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
5	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	38





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Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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

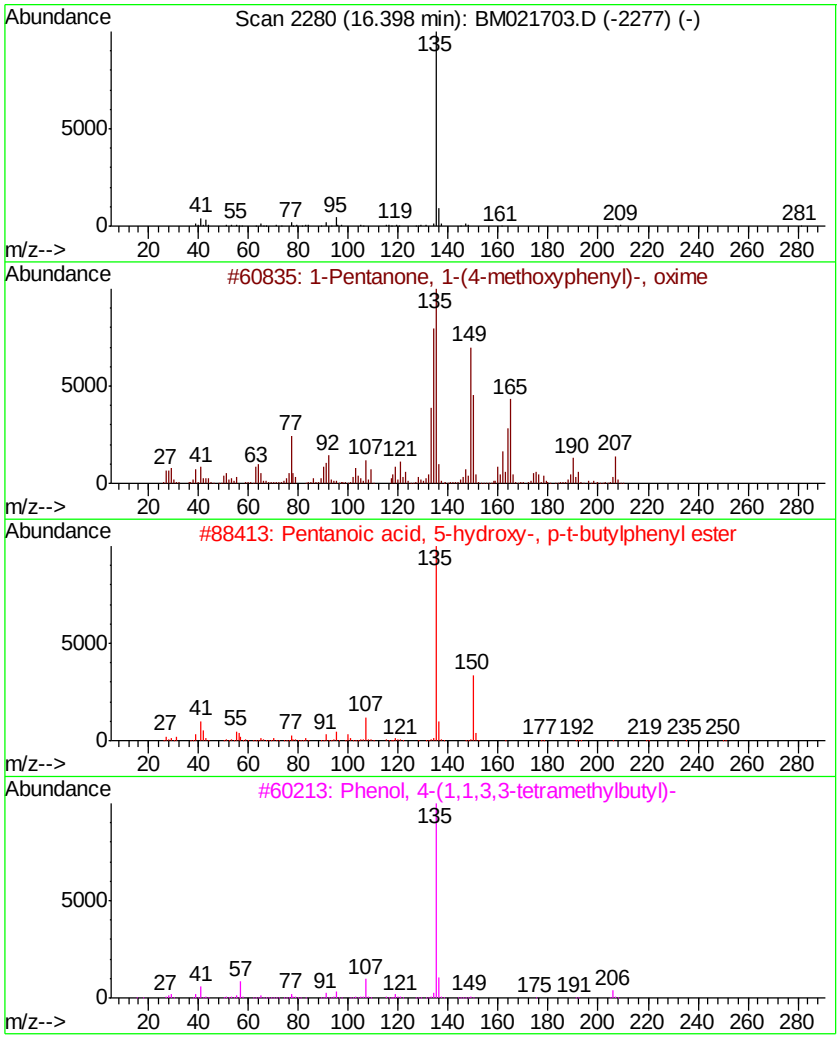
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

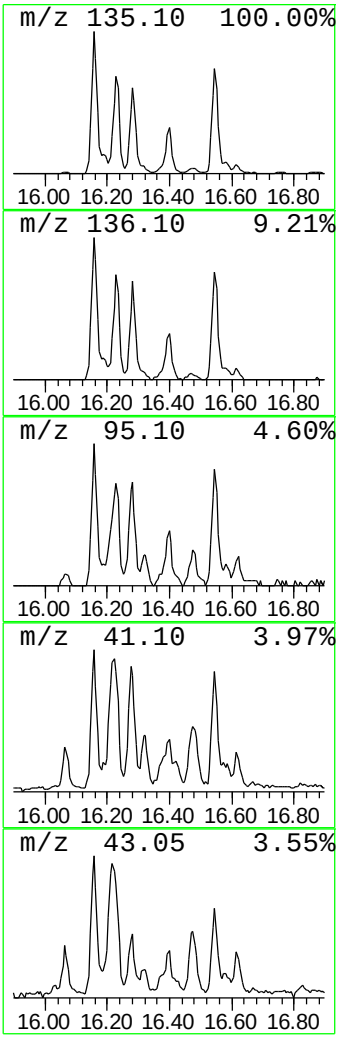
****

Peak Number 6 1-Pentanone, 1-(4-methoxyph... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.02 ng/ul	229204	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanone, 1-(4-methoxyphenyl)...	207	C12H17NO2	055937-94-5	50
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	40
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	17
4	4-Methoxybenzoic acid, allyl ester	192	C11H12O3	006941-68-0	9
5	m-Anisic acid, tridec-2-ynyl ester	330	C21H30O3	1000292-59-9	9





Library Search Compound Report

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Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
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Misc :
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Instrument : BNA_M
ClientSampleId : A52F7

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

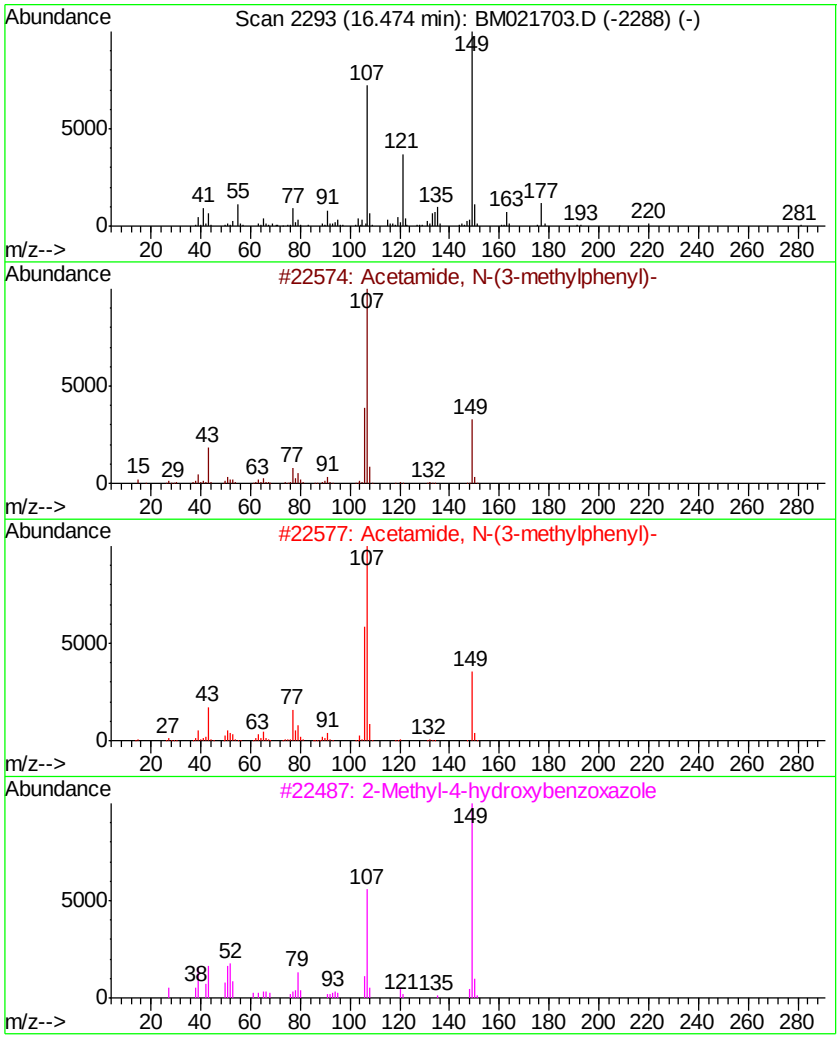
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

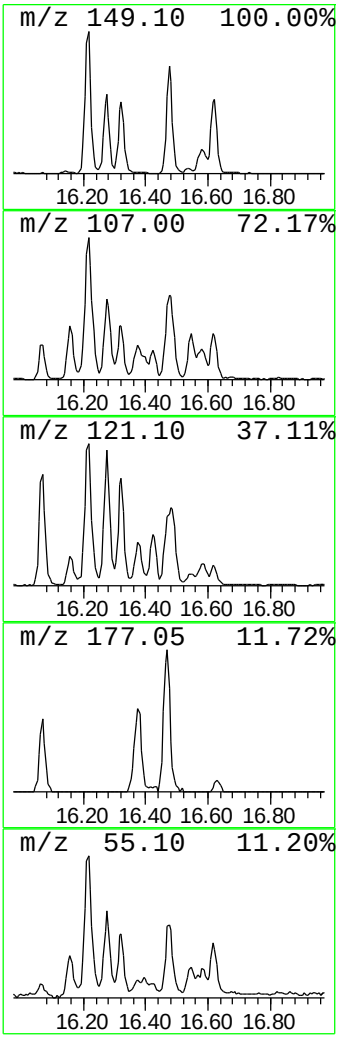
****

Peak Number 7 Acetamide, N-(3-methylphenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	5.41 ng/ul	614604	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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

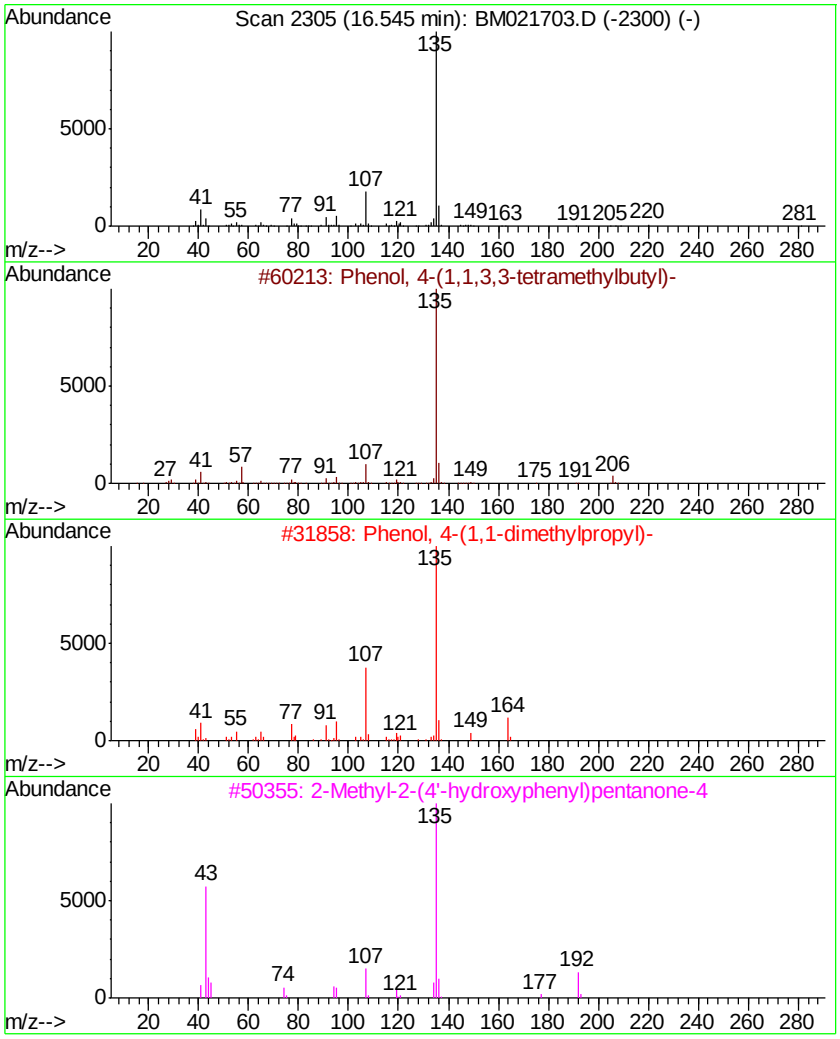
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

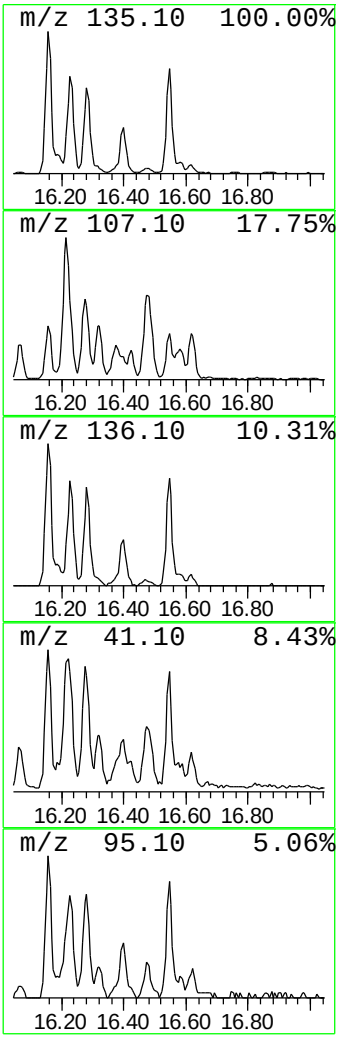
****

Peak Number 8 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	4.49 ng/ul	510389	Phenanthrene-d10	17.08

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	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	72
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	64
5	Thymol	150	C10H14O	000089-83-8	64





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Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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Quant Title : SVOA CALIBRATION

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

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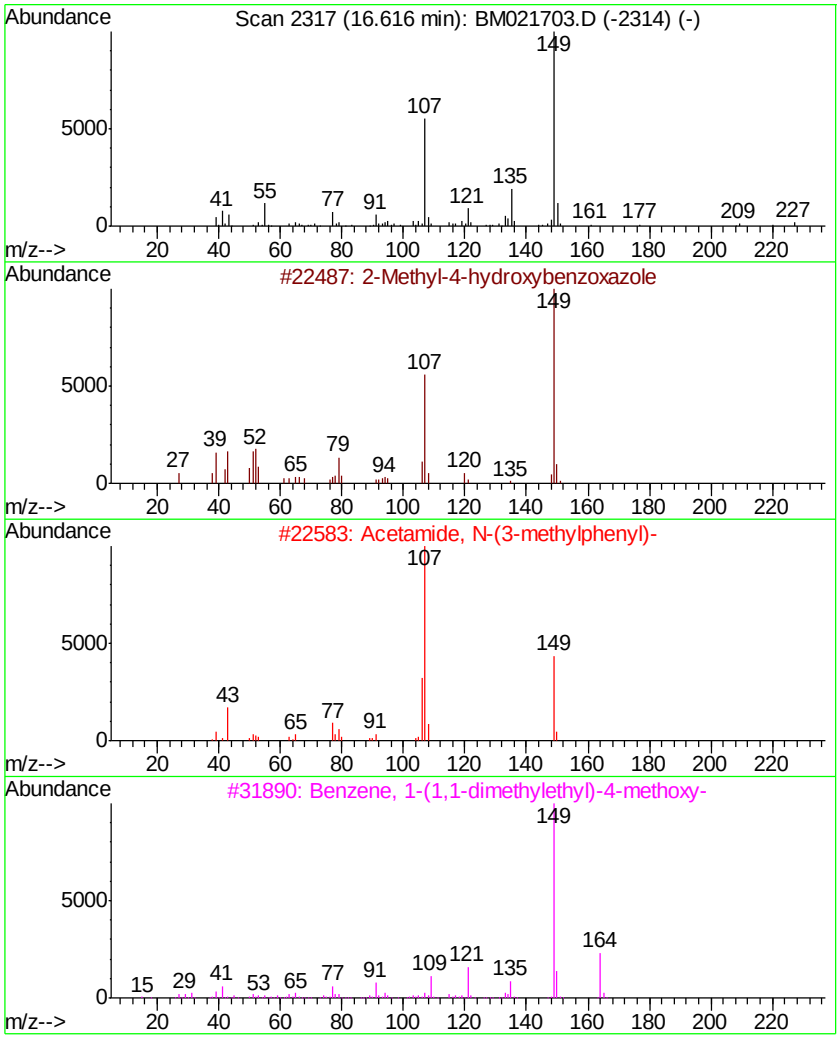
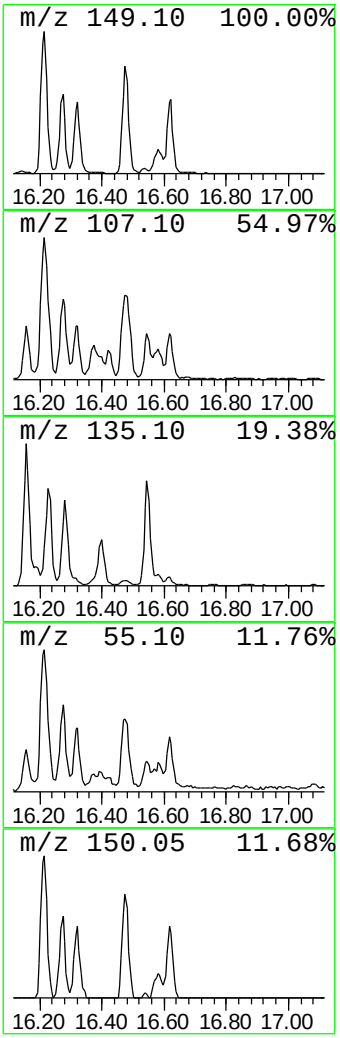
Peak Number 9 2-Methyl-4-hydroxybenzoxazole Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.36 ng/ul	267789	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	47
3	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	47
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	46
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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

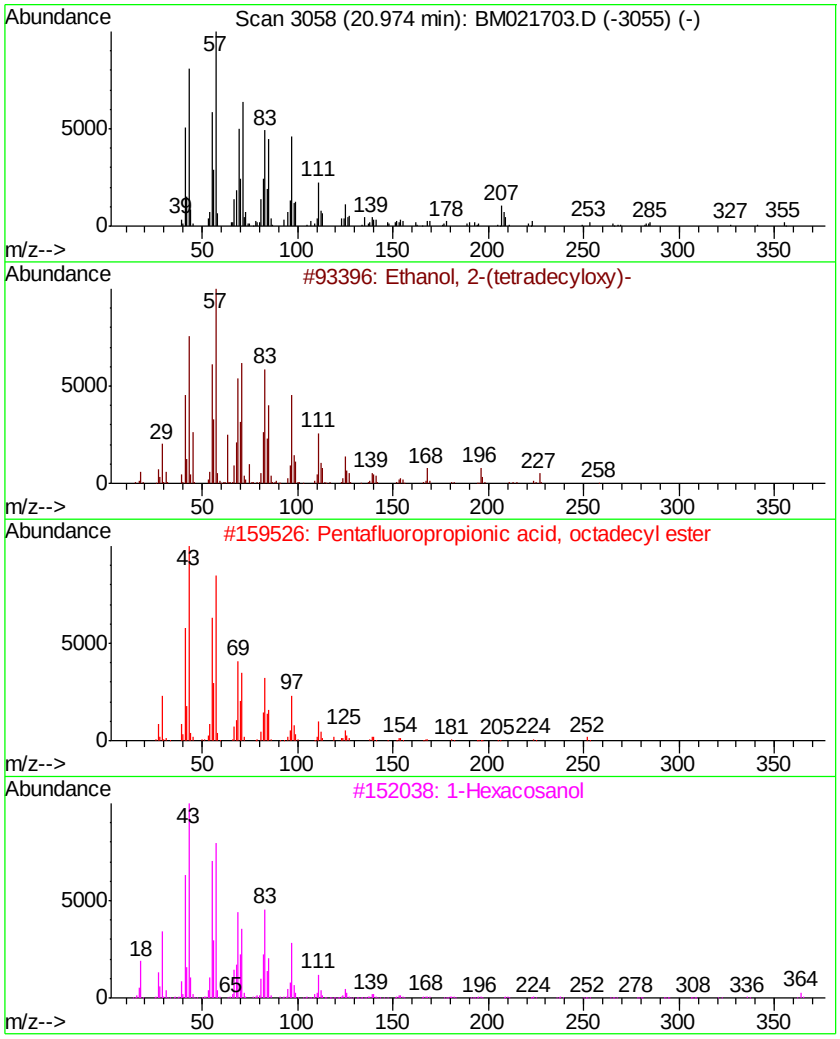
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

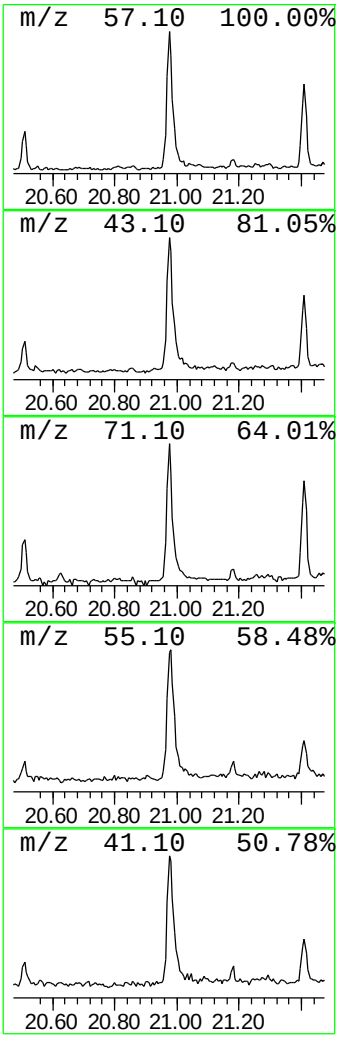
****

Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.33 ng/ul	238594	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	81
3	1-Hexacosanol	382	C26H54O	000506-52-5	70
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	70
5	1-Tetracosanol	354	C24H50O	000506-51-4	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021703.D
Acq On : 29 Jul 2019 19:47
Operator : HP/JU
Sample : K3863-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F7

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
Acetamide, N-(2,5...	16.07	2.0	ng/ul	227603	4	17.08	2272140	20.0
Phenol, 4-(1,1-di...	16.16	5.5	ng/ul	621967	4	17.08	2272140	20.0
Phenol, p-tert-bu...	16.27	6.7	ng/ul	764792	4	17.08	2272140	20.0
Phenol, 2-(1,1-di...	16.32	3.0	ng/ul	345883	4	17.08	2272140	20.0
1-Pentanone, 1-(4...	16.40	2.0	ng/ul	229204	4	17.08	2272140	20.0
Acetamide, N-(3-m...	16.47	5.4	ng/ul	614604	4	17.08	2272140	20.0
Phenol, 4-(1,1,3,...	16.55	4.5	ng/ul	510389	4	17.08	2272140	20.0
2-Methyl-4-hydrox...	16.62	2.4	ng/ul	267789	4	17.08	2272140	20.0
Ethanol, 2-(tetra...	20.97	2.3	ng/ul	238594	5	21.27	2045500	20.0