LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

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-BM051619MA.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	3.187	31	34	39	rVB2	45464	60392	1.12%	0.185%
2	6.898	660	665	676	rVB	130936	227285	4.21%	0.696%
3	7.069	690	694	705	rVB	100577	175285	3.25%	0.536%
4	7.257	721	726	736	rVB	154488	262418	4.86%	0.803%
5	7.728	800	806	816	rBV	298934	492632	9.13%	1.508%
6	8.434	920	926	937	rBV	135884	255029	4.73%	0.781%
7	8.898	999	1005	1017	rBV	123640	222946	4.13%	0.682%
8	9.616	1121	1127	1141	rVB	101182	184182	3.41%	0.564%
9	10.145	1210	1217	1229	rBV	155085	288280	5.34%	0.882%
10	10.522	1274	1281	1291	rBV	382458	645239	11.96%	1.975%
11	10.675	1301	1307	1321	rBV	84896	183300	3.40%	0.561%
12	13.792	1831	1837	1842	rBV	342731	475561	8.82%	1.455%
13	13.839	1842	1845	1852	rVB	119142	155032	2.87%	0.474%
14	14.074	1878	1885	1900	rBV	374137	544853	10.10%	1.668%
15	14.380	1931	1937	1952	rVB2	569174	876716	16.25%	2.683%
16	14.610	1969	1976	1989	rBV3	27509	80107	1.48%	0.245%
17	15.380	2100	2107	2118	rBV	4003712	5394458	100.00%	16.510%
18	15.515	2126	2130	2138	rVB2	50809	74746	1.39%	0.229%
19	15.815	2176	2181	2183	rBV	58040	78280	1.45%	0.240%
20	15.845	2183	2186	2189	rVV	60025	85728	1.59%	0.262%
21	15.886	2189	2193	2199	rVB	147361	199994	3.71%	0.612%
22	16.115	2226	2232	2237	rBV	90356	117297	2.17%	0.359%
23	16.204	2241	2247	2251	rBV	566625	744711	13.81%	2.279%
24	16.268	2251	2258	2263	rVV2	523055	1080498	20.03%	3.307%
25	16.327	2263	2268	2272	rVV3	510784	766804	14.21%	2.347%
26	16.368	2272	2275	2280	rVV	231745	303389	5.62%	0.929%
27	16.421	2280	2284	2286	rVV	92239	140482	2.60%	0.430%
28	16.445	2286	2288	2296	rVV	130115	180208	3.34%	0.552%
29	16.527	2296	2302	2308	rVV3	191150	320088	5.93%	0.980%
30	16.592	2308	2313	2317	rVV	356171	499832	9.27%	1.530%
31	16.627	2317	2319	2322	rVV	135605	189838	3.52%	0.581%
32	16.662	2322	2325	2333	rVB2	171794	235318	4.36%	0.720%
33	16.727	2333	2336	2340	rVB4	5697	6999	0.13%	0.021%
34	16.804	2344	2349	2353	rBV3	9299	15217	0.28%	0.047%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

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-BM051619MA.M
Title : SVOA CALIBRATION

35	16.921	2363	2369	2373	rBV2	20685	34754	0.64%	0.106%
36	16.962	2374	2376	2379	rVV	9587	10610	0.20%	0.032%
37	16.998	2379	2382	2385	rVV3	9668	12773	0.24%	0.039%
38	17.133	2399	2405	2415	rBV2	767274	1082231	20.06%	3.312%
39	17.233	2416	2422	2433	rVB2	488903	710954	13.18%	2.176%
40	17.486	2459	2465	2484	rBV	1440391	2034366	37.71%	6.226%
41	17.815	2513	2521	2527	rBV	36782	73492	1.36%	0.225%
42	17.868	2527	2530	2537	rVB3	28322	48267	0.89%	0.148%
43	17.939	2537	2542	2549	rVB	58545	91153	1.69%	0.279%
44	18.045	2549	2560	2571	rBV	415152	684655	12.69%	2.095%
45	18.139	2571	2576	2580	rBV	541359	816726	15.14%	2.500%
46	18.186	2580	2584	2587	rBV	812569	1226240	22.73%	3.753%
47	18.274	2593	2599	2603	rVB2	551553	993486	18.42%	3.041%
48	18.321	2603	2607	2610	rBV	203251	252994	4.69%	0.774%
49	18.357	2610	2613	2617	rBV2	305683	409062	7.58%	1.252%
50	18.398	2617	2620	2624	rVB2	437345	506855	9.40%	1.551%
51	18.439	2624	2627	2631	rVB	319943	383921	7.12%	1.175%
52	18.486	2631	2635	2637	rBV	524458	743368	13.78%	2.275%
53	18.556	2642	2647	2657	rVB2	403525	717085	13.29%	2.195%
54	18.639	2657	2661	2666	rVB2	38096	63905	1.18%	0.196%
55	18.698	2666	2671	2674	rBV4	58041	107986	2.00%	0.330%
56	18.774	2682	2684	2693	rVB3	36791	76975	1.43%	0.236%
57	18.839	2693	2695	2701	rVB3	17309	27850	0.52%	0.085%
58	19.045	2726	2730	2733	rBV5	20009	30780	0.57%	0.094%
59	19.162	2747	2750	2751	rVV3	12478	12236	0.23%	0.037%
60	19.215	2755	2759	2766	rVB3	61238	112946	2.09%	0.346%
61	19.274	2766	2769	2772	rBV2	28776	43169	0.80%	0.132%
62	19.368	2783	2785	2788	rVB4	9016	9498	0.18%	0.029%
63	19.403	2788	2791	2792	rBV2	10254	9370	0.17%	0.029%
64	19.533	2804	2813	2825	rBV	707613	974629	18.07%	2.983%
65	19.792	2854	2857	2866	rVB9	11155	19618	0.36%	0.060%
66	19.903	2870	2876	2882	rBV4	39294	104951	1.95%	0.321%
67	19.956	2882	2885	2888	rVV2	27431	39900	0.74%	0.122%
68	19.992	2888	2891	2896	rVV6	27626	39663	0.74%	0.121%
69	20.051	2897	2901	2904	rVV3	32672	54076	1.00%	0.166%
70	20.086	2904	2907	2914	rVB6	36716	73476	1.36%	0.225%
71	20.156	2916	2919	2927	rBV2	46722	71954	1.33%	0.220%

LSC Area Percent Report

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Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

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-BM051619MA.M
Title : SVOA CALIBRATION

72	20.450	2966	2969	2975	rVB6	33923	40839	0.76%	0.125%
73	20.550	2984	2986	2990	rVB2	12172	13085	0.24%	0.040%
74	20.892	3040	3044	3047	rBV5	22195	34234	0.63%	0.105%
75	21.021	3062	3066	3073	rBV3	57184	86179	1.60%	0.264%
76	21.327	3113	3118	3128	rBV2	1018472	1373049	25.45%	4.202%
77	21.456	3137	3140	3144	rVB	39870	37071	0.69%	0.113%
78	21.892	3211	3214	3220	rVB2	48131	59923	1.11%	0.183%
79	22.356	3290	3293	3298	rVB2	77308	94508	1.75%	0.289%
80	22.868	3377	3380	3386	rVB2	83681	115380	2.14%	0.353%
81	23.450	3473	3479	3489	rVB	525920	1074913	19.93%	3.290%
82	23.603	3499	3505	3514	rVB2	697029	1318981	24.45%	4.037%
83	24.097	3585	3589	3595	rVB2	86181	157017	2.91%	0.481%

Sum of corrected areas: 32674297

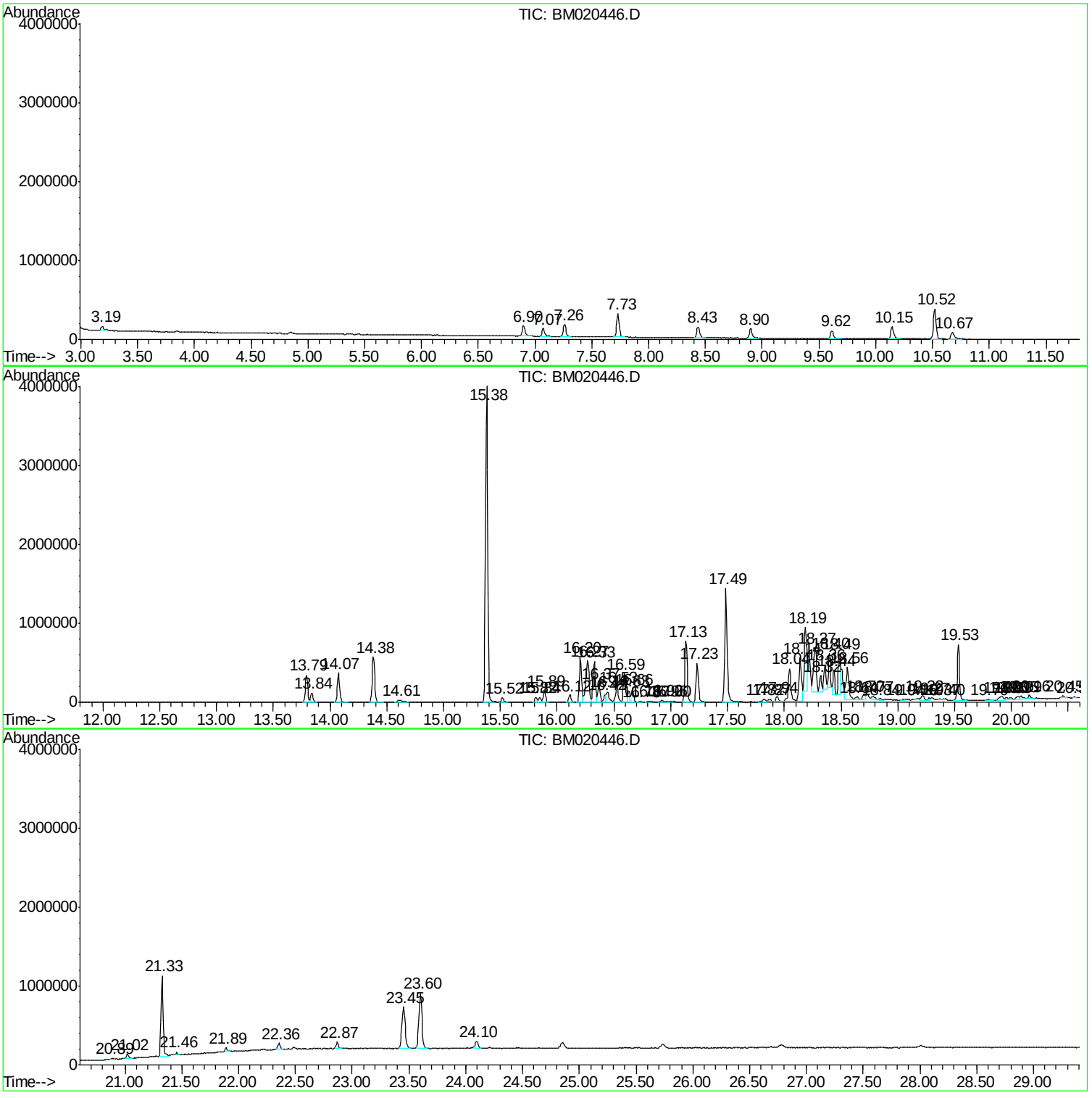
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

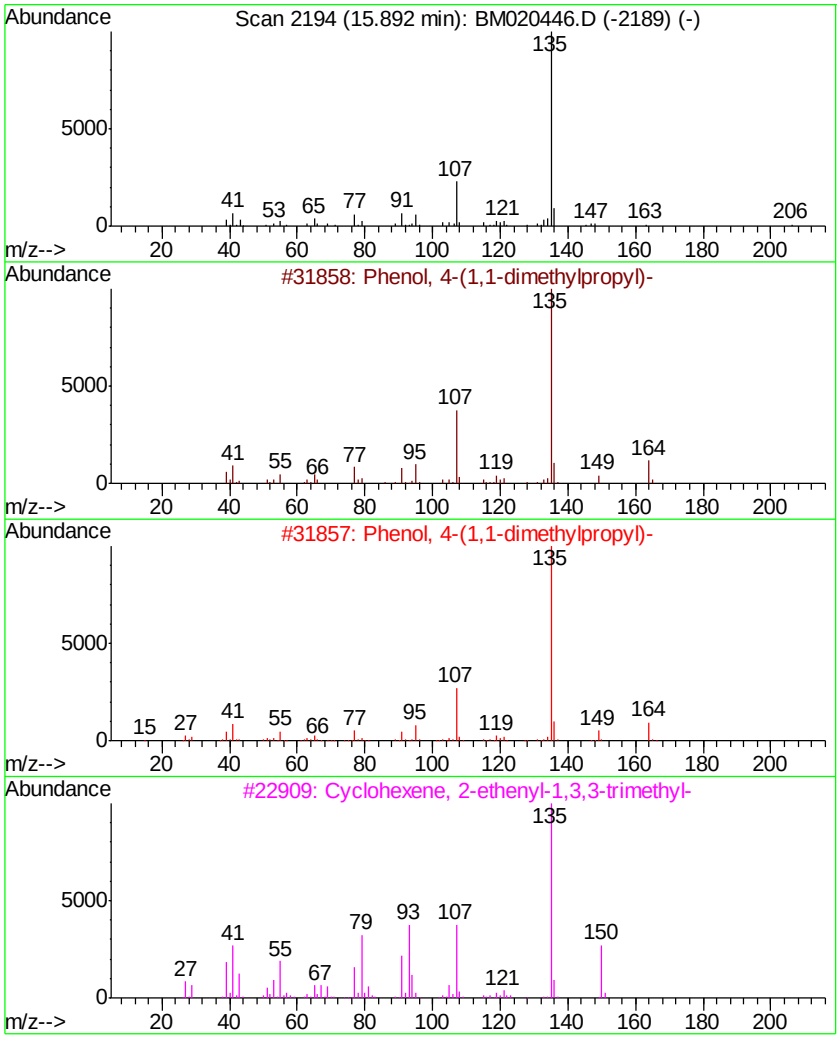
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

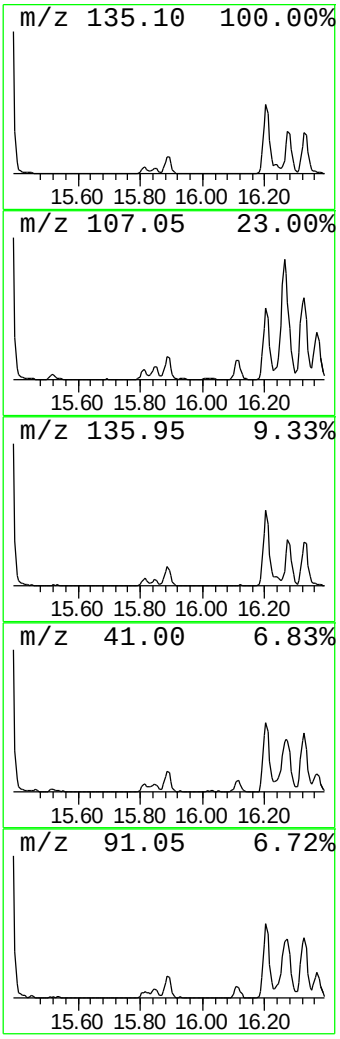
****

Peak Number 1 Phenol, 4-(1,1-dimethylprop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	3.70 ng/ul	199994	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	64
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	Thymol	150	C10H14O	000089-83-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

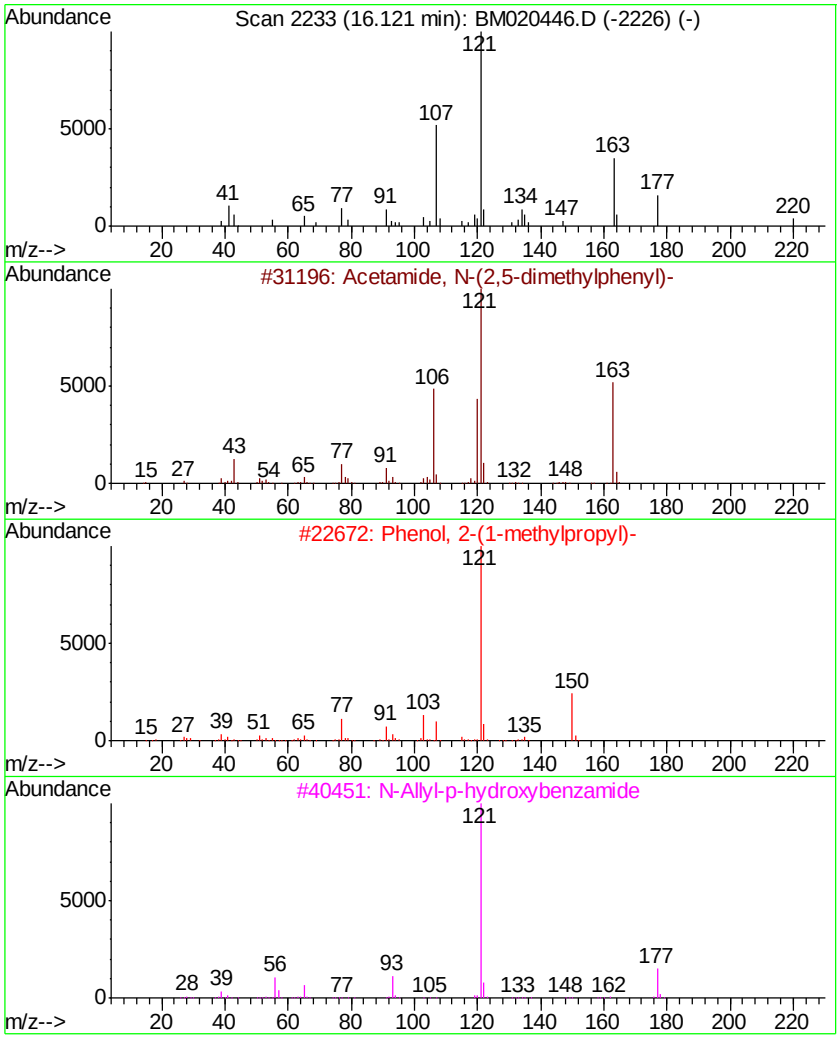
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

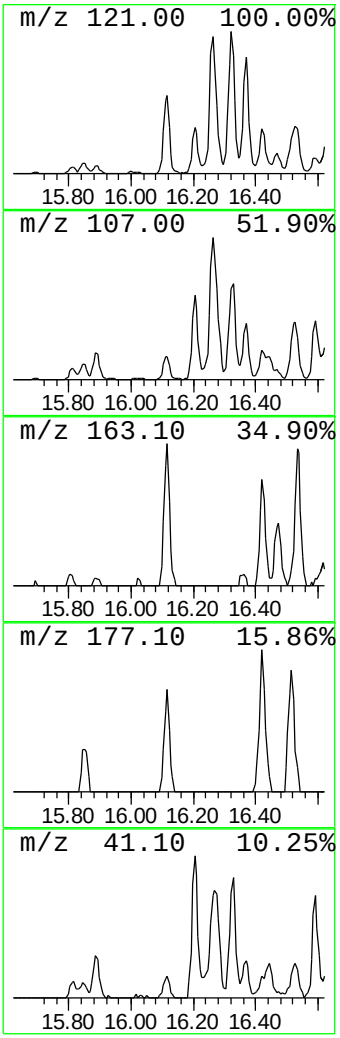
****

Peak Number 2 Acetamide, N-(2,5-dimethylp... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.17 ng/ul	117297	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	52
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	43
3	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
4	Benzene, 1-(2-bromoethyl)-4-meth...	214	C9H11BrO	014425-64-0	43
5	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

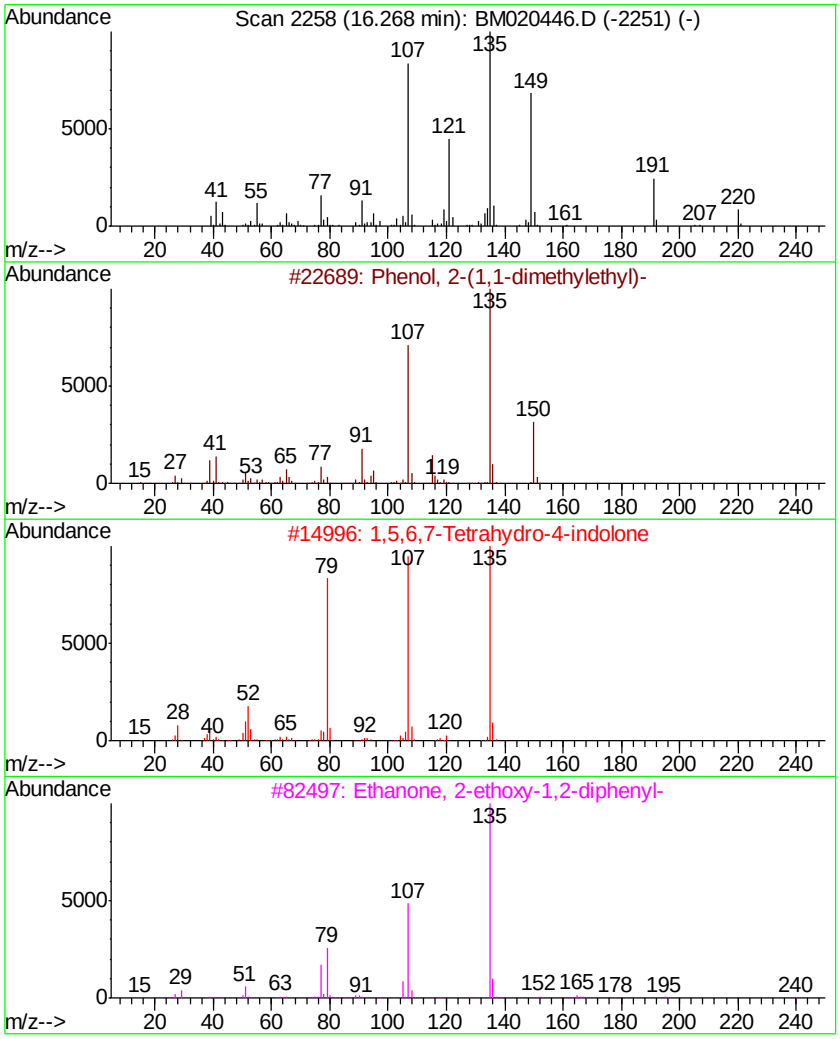
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

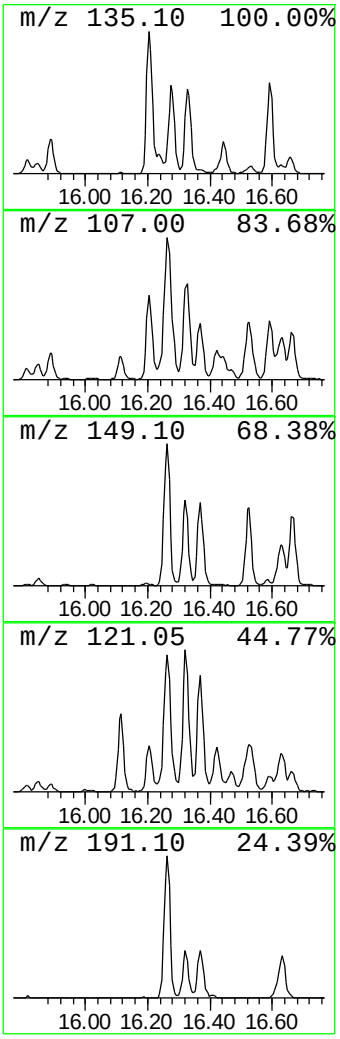
****

Peak Number 4 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	19.97 ng/ul	1080500	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	58
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	52
3	Ethanone, 2-ethoxy-1,2-diphenyl-	240	C16H16O2	000574-09-4	50
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
5	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

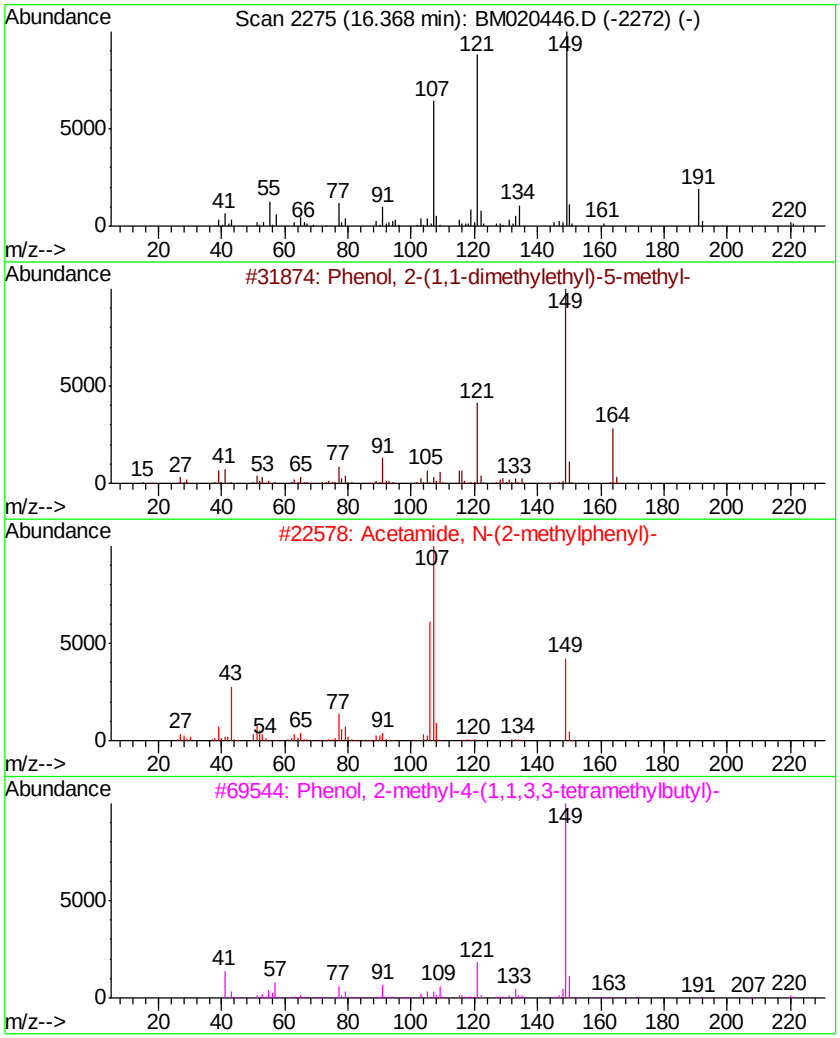
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

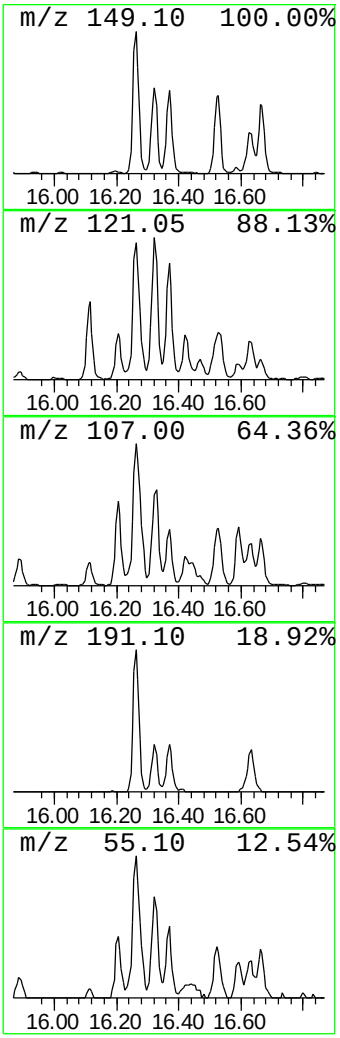
****

Peak Number 6 Phenol, 2-(1,1-dimethylethy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	5.61 ng/ul	303389	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	53
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	38
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

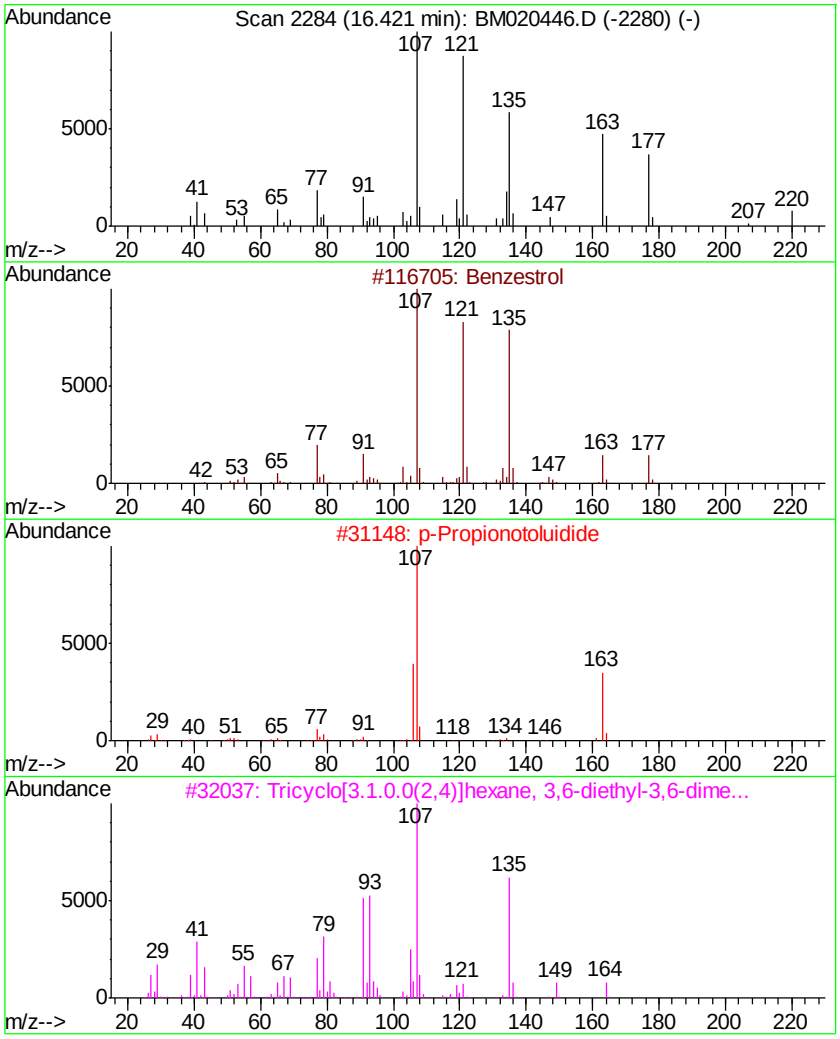
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

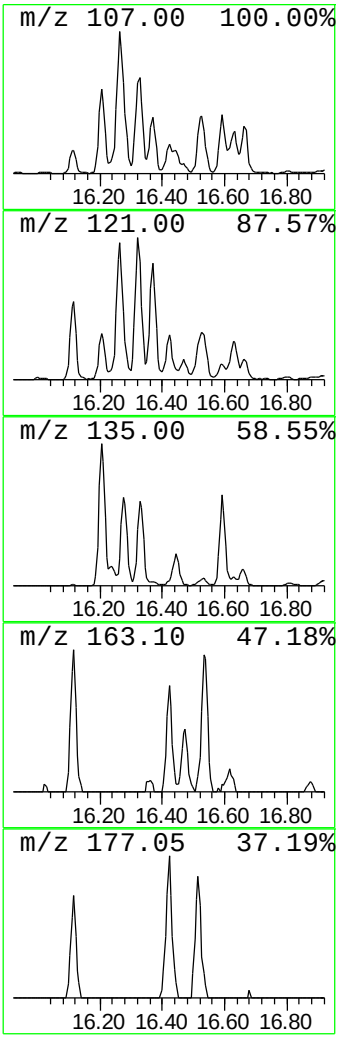
****

Peak Number 7 Benzestrol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.60 ng/ul	140482	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzestrol	298	C20H26O2	000085-95-0	64
2	p-Propionotoluidide	163	C10H13NO	002759-55-9	38
3	Tricyclo[3.1.0.0(2,4)]hexane, 3,...	164	C12H20	1000150-21-2	35
4	1-(4-Ethoxyphenyl)acetone	178	C11H14O2	144818-72-4	35
5	Acetamide, N-(2,3-dimethylphenyl)-	163	C10H13NO	000134-98-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

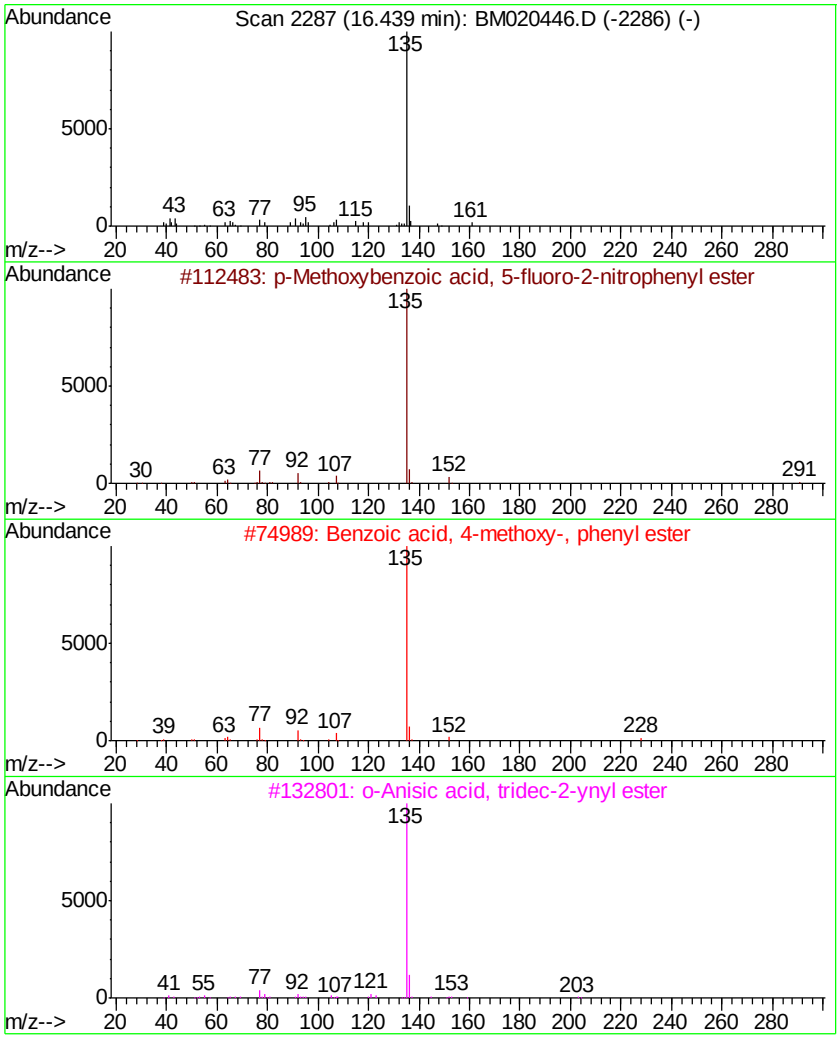
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

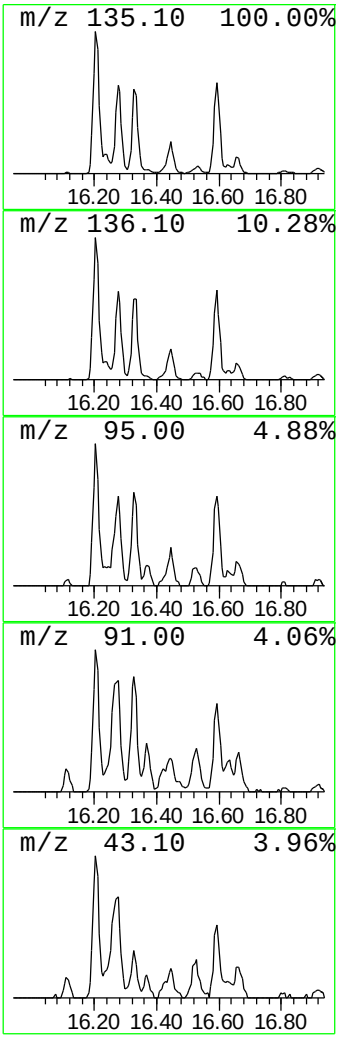
****

Peak Number 8 p-Methoxybenzoic acid, 5-fl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.33 ng/ul	180208	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Methoxybenzoic acid, 5-fluoro-...	291	C14H10FNO5	1000292-65-3	56
2	Benzoic acid, 4-methoxy-, phenyl...	228	C14H12O3	004181-97-9	56
3	o-Anisic acid, tridec-2-ynyl ester	330	C21H30O3	1000292-57-9	50
4	N-1-Adamantyl-p-nitrobenzalimine	284	C17H20N2O2	1000140-75-1	50
5	(2-Oxazolidinylidene)malononitrile	135	C6H5N3O	002733-51-9	50





Library Search Compound Report

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Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

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Quant Title : SVOA CALIBRATION

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

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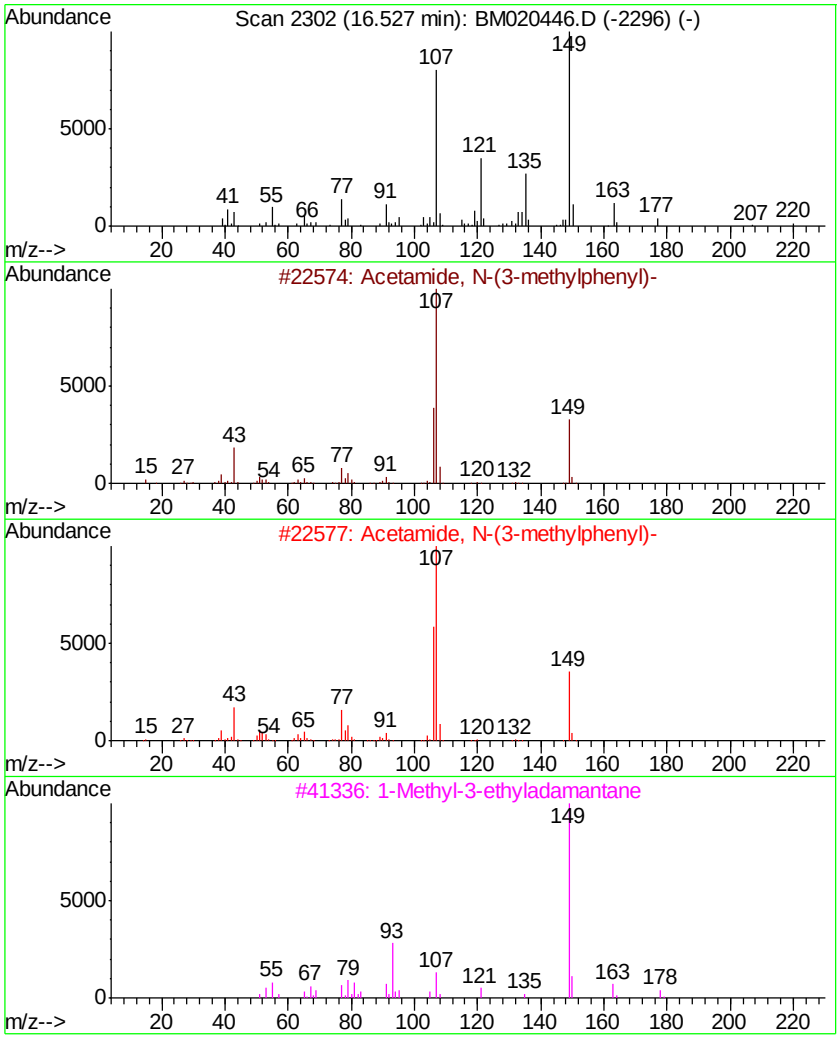
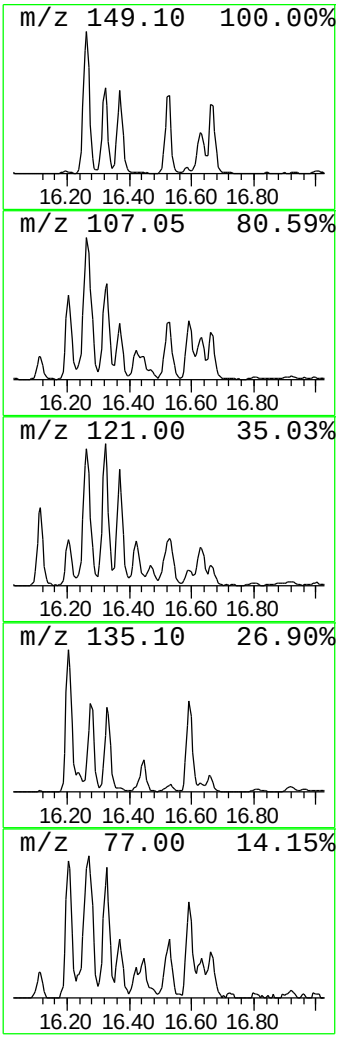
Peak Number 9 Acetamide, N-(3-methylphenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	5.92 ng/ul	320088	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	38
4	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35





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Instrument : BNA_M
ClientSampleId : A51A4

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Quant Title : SVOA CALIBRATION

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

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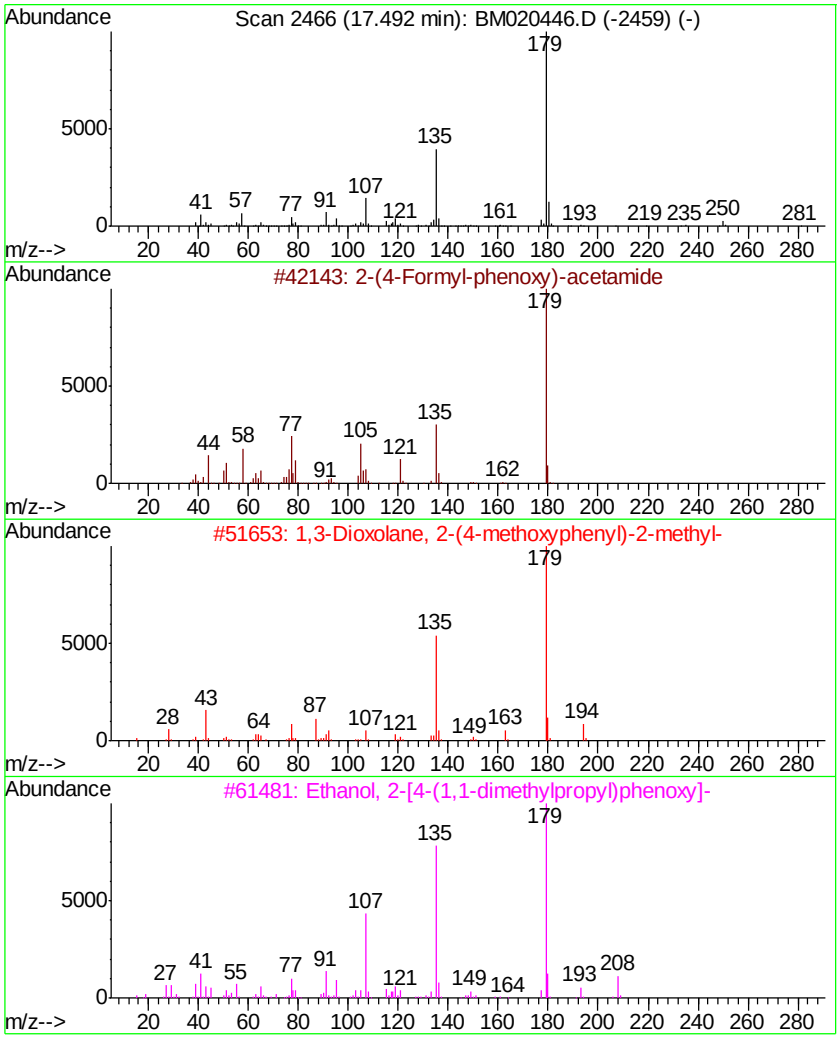
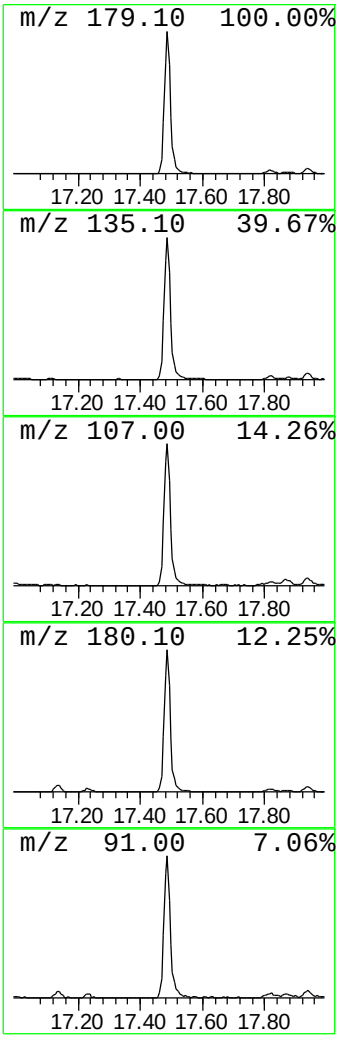
Peak Number 13 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	37.60 ng/ul	2034370	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	72
2	1,3-Dioxolane, 2-(4-methoxyphenyl...	194	C11H14O3	036881-00-2	64
3	Ethanol, 2-[4-(1,1-dimethylpropyl...	208	C13H20O2	006382-07-6	64
4	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
5	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	43





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Instrument : BNA_M
ClientSampleId : A51A4

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Quant Title : SVOA CALIBRATION

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

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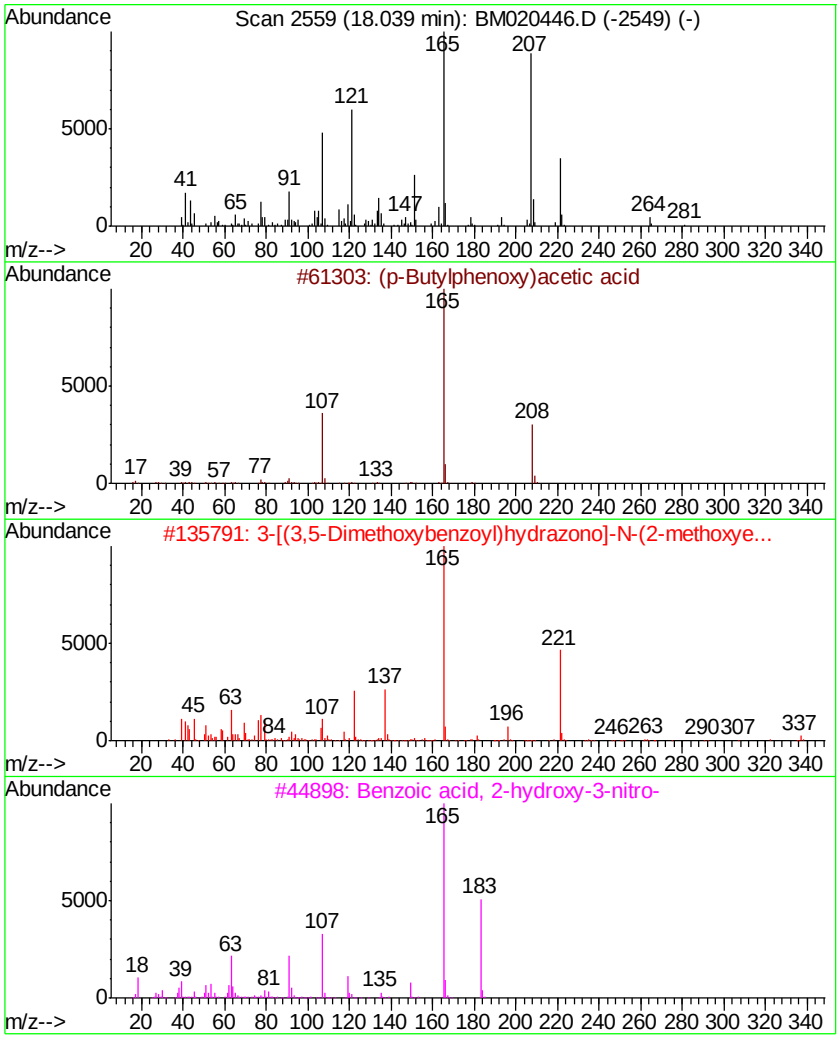
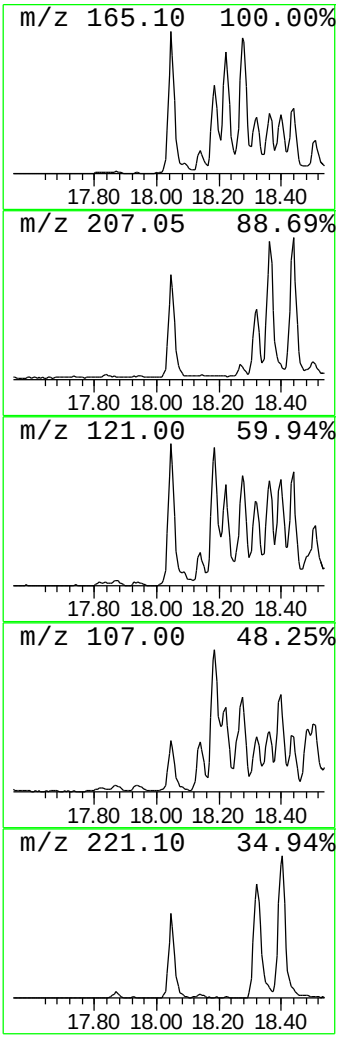
Peak Number 14 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	12.65 ng/ul	684655	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(p-Butylphenoxy)acetic acid	208	C12H16O3	086167-21-7	38
2	3-[(3,5-Dimethoxybenzoyl)hydrazo...	337	C16H23N3O5	1000226-04-1	27
3	Benzoic acid, 2-hydroxy-3-nitro-	183	C7H5NO5	000085-38-1	25
4	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	22
5	2-Amino-4-hydroxy-6,8-dimethyl-7...	207	C8H9N5O2	025477-64-9	18





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Sample : K2788-14
Misc :
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Instrument : BNA_M
ClientSampleId : A51A4

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Quant Title : SVOA CALIBRATION

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

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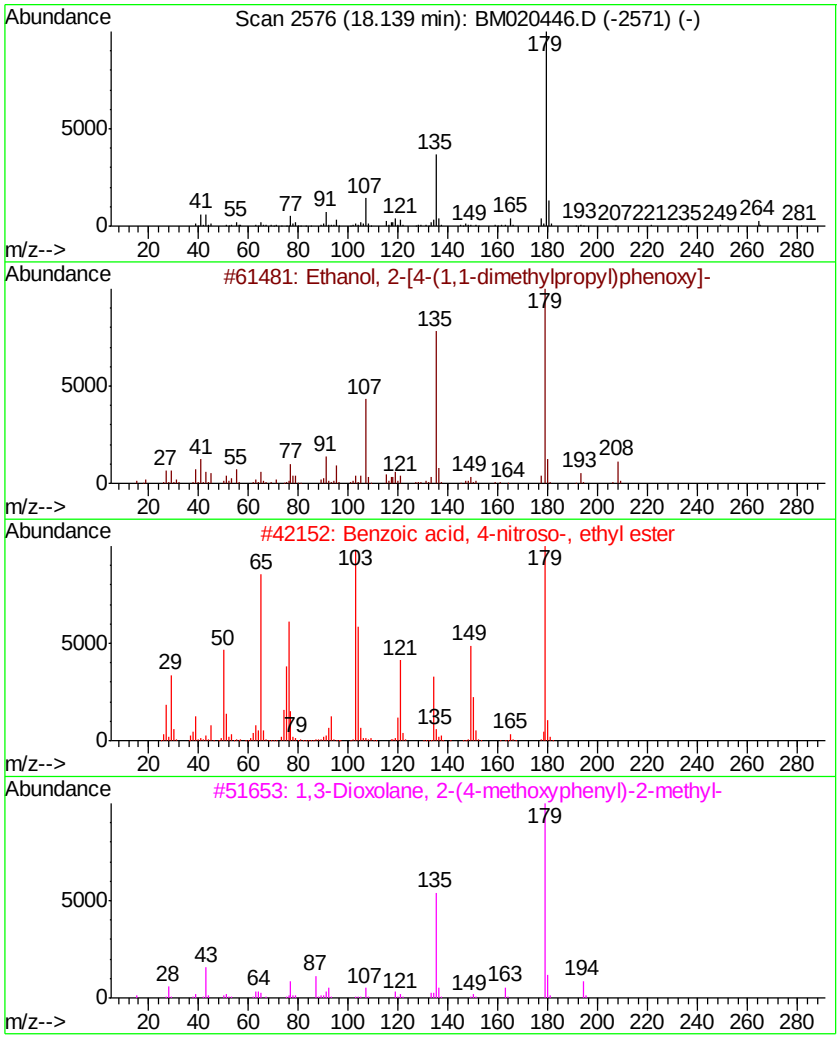
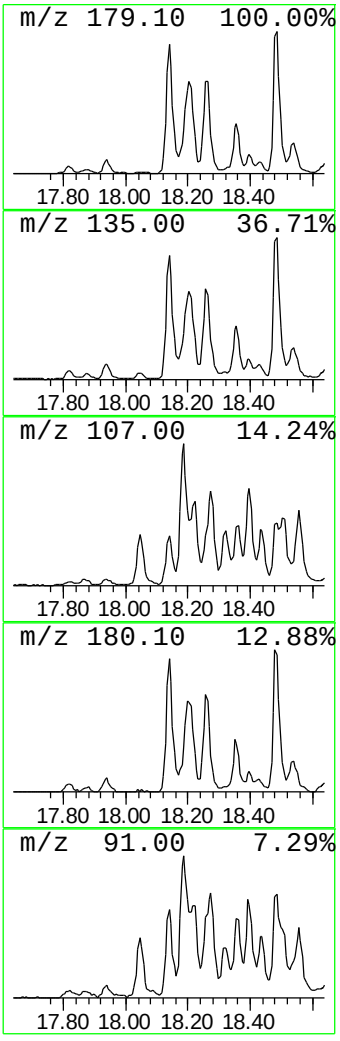
Peak Number 15 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	15.09 ng/ul	816726	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	78
2	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	58
3	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	56
4	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	43
5	(p-Butyrylphenoxy)acetic acid	222	C12H14O4	001141-96-4	40





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Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

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Quant Title : SVOA CALIBRATION

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

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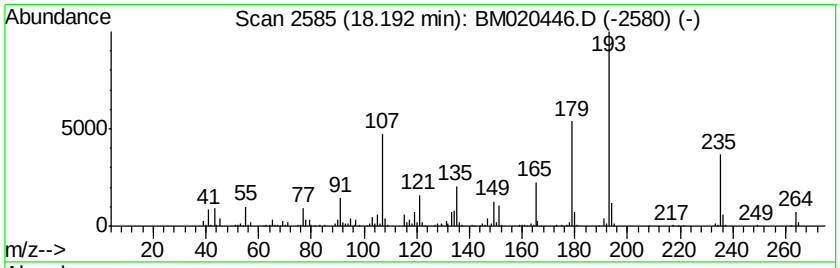
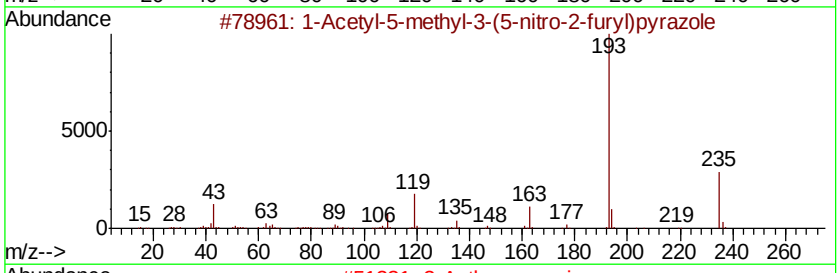
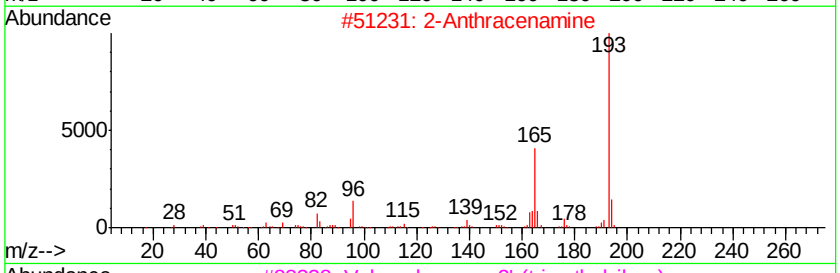
Peak Number 16 unknown-02 Concentration Rank 2

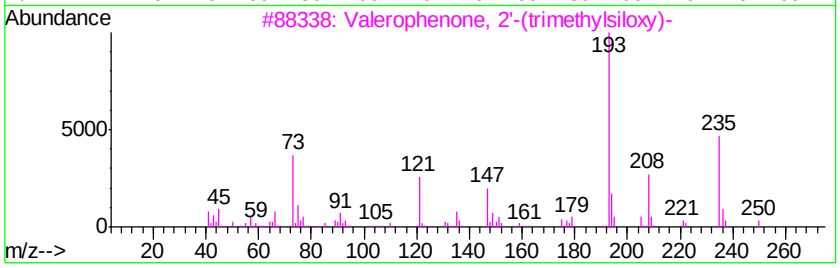
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	22.66 ng/ul	1226240	Phenanthrene-d10	17.13

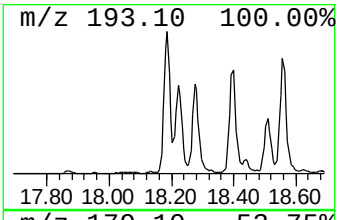
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	49
2	2-Anthracenamine	193	C14H11N	000613-13-8	38
3	Valerophenone, 2'-(trimethylsilo...	250	C14H22O2Si	033342-91-5	38
4	3-Phenylindole	193	C14H11N	001504-16-1	38
5	DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	38

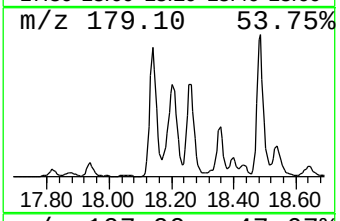


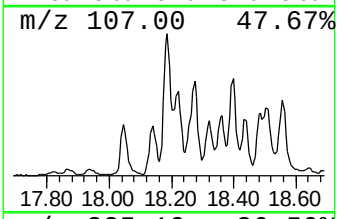


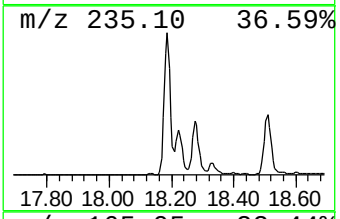


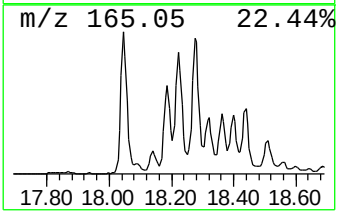












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Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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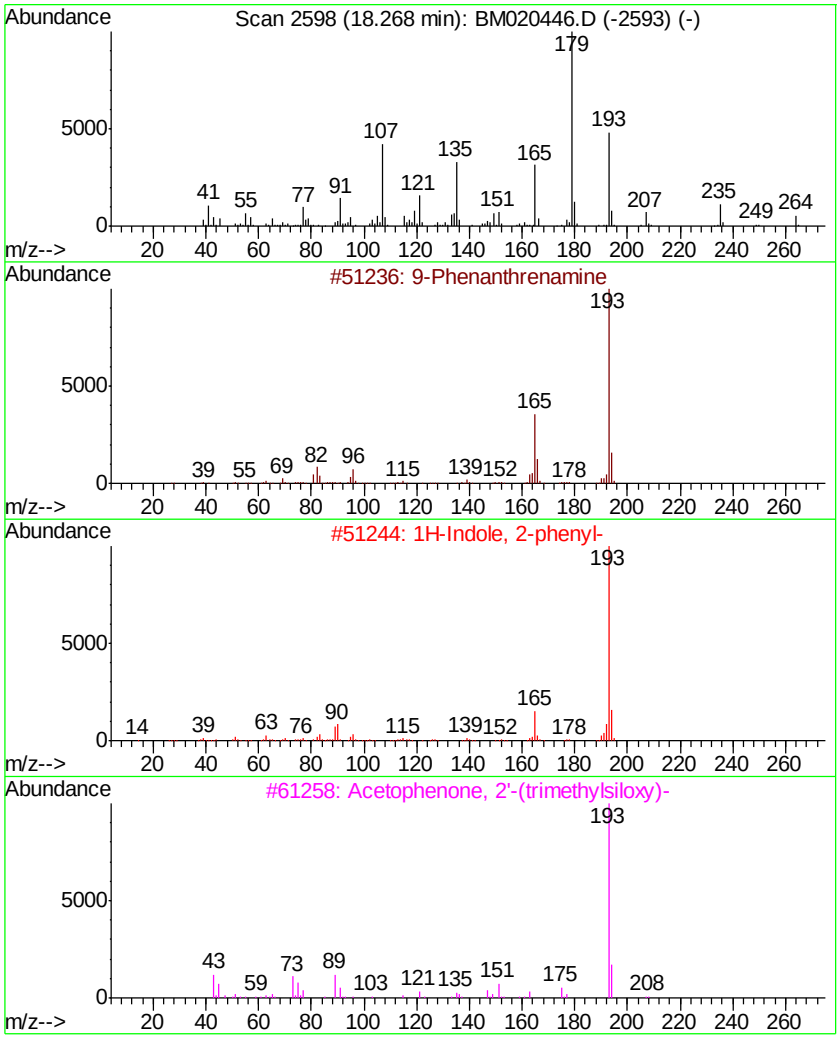
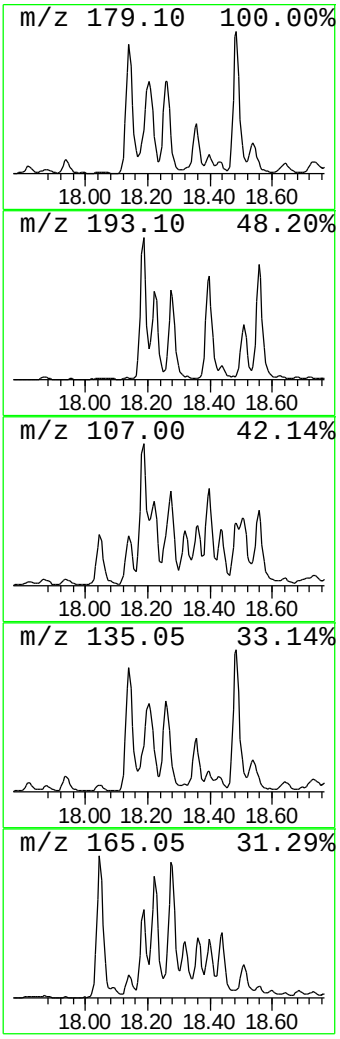
Peak Number 17 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	18.36 ng/ul	993486	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Phenanthrenamine	193	C14H11N	000947-73-9	43
2	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38
3	Acetophenone, 2'-(trimethylsiloxy)-	208	C11H16O2Si	033342-85-7	30
4	2-Anthracenamine	193	C14H11N	000613-13-8	27
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	25





Library Search Compound Report

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Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

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Quant Title : SVOA CALIBRATION

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

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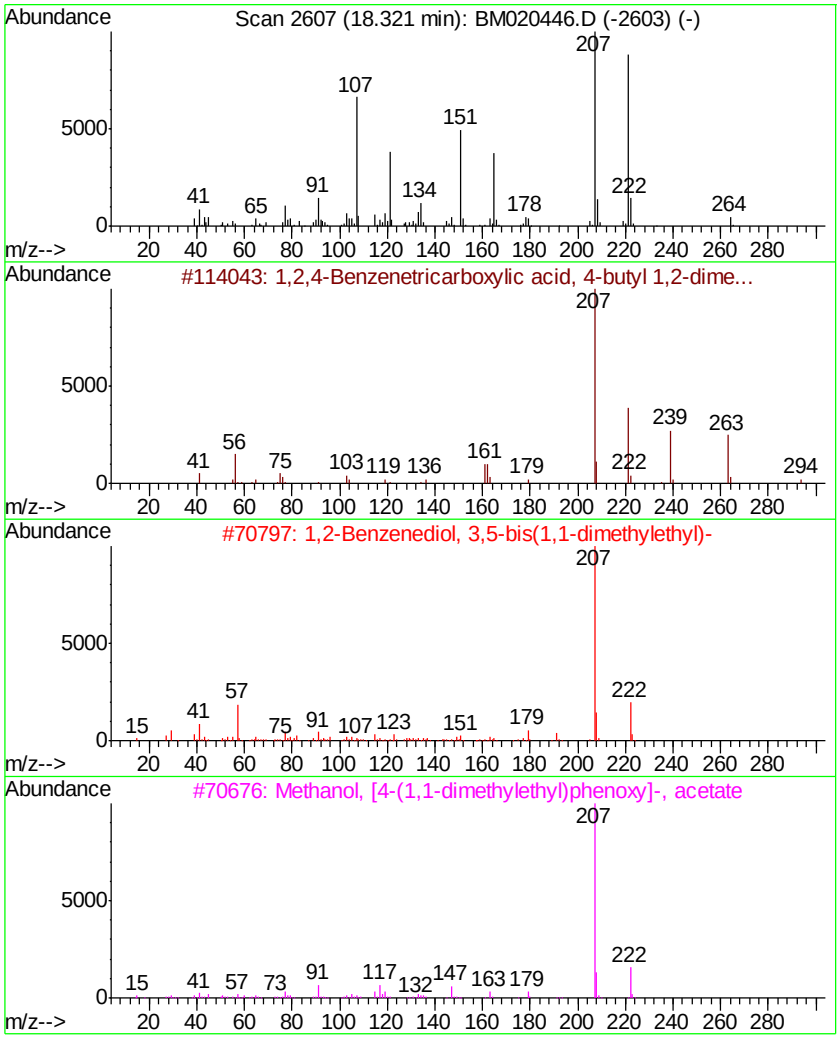
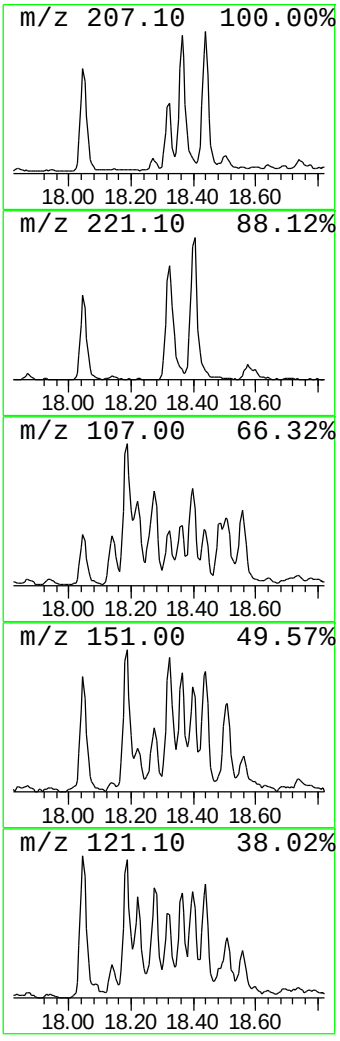
Peak Number 18 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.68 ng/ul	252994	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Benzenetricarboxylic acid,...	294	C15H18O6	043049-07-6	35
2	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	25
3	Methanol, [4-(1,1-dimethylethyl)...	222	C13H18O3	054889-98-4	25
4	2-Amino-4,4,6,6-tetramethyl-4,6-...	222	C11H14N2OS	1000275-36-2	22
5	Trimethyl(4-tert.-butylphenoxy)s...	222	C13H22OSi	025237-79-0	22





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ClientSampleId : A51A4

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Quant Title : SVOA CALIBRATION

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

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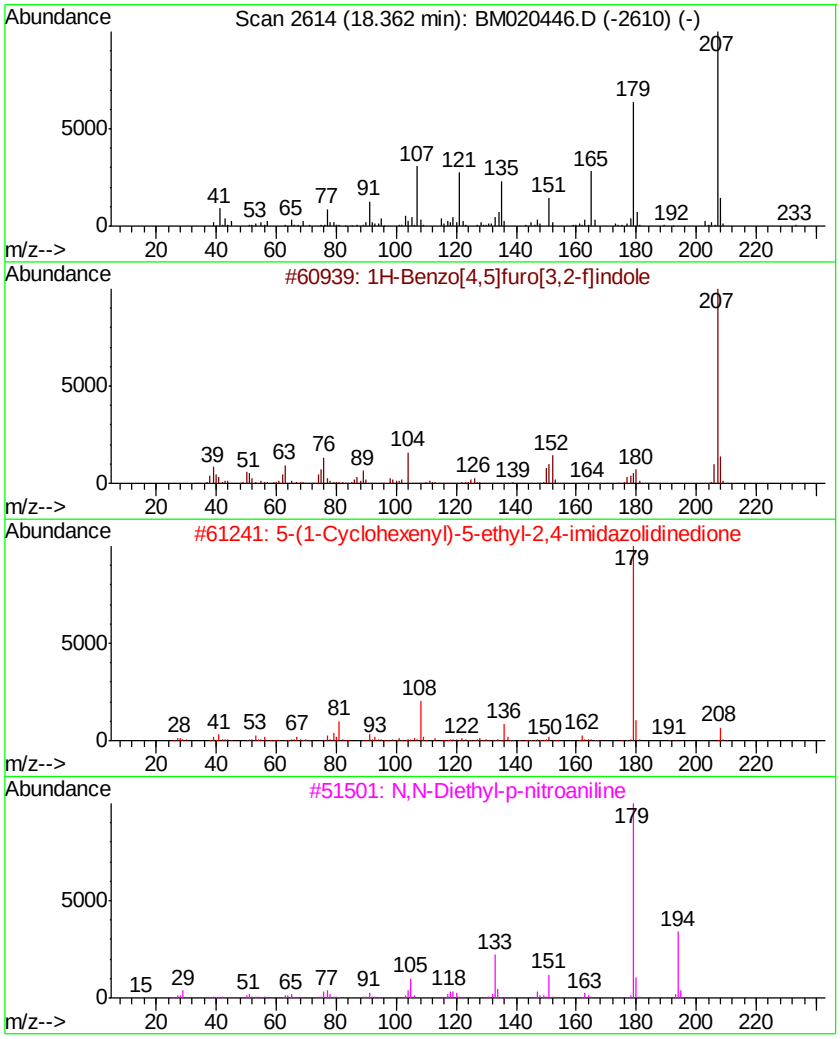
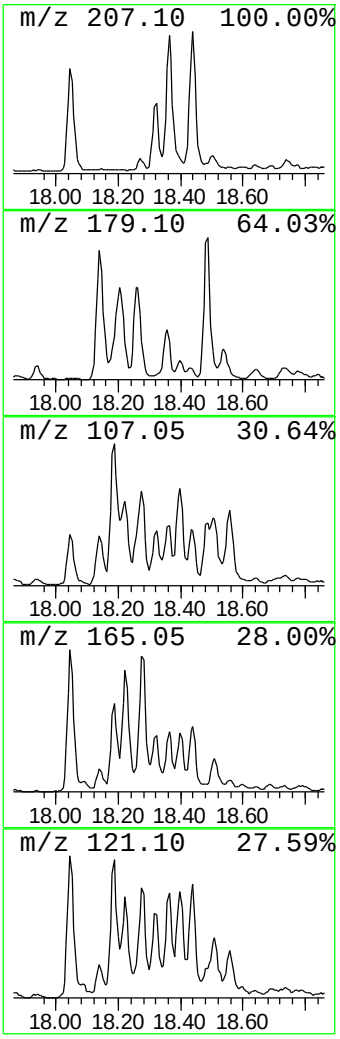
Peak Number 19 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	7.56 ng/ul	409062	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzo[4,5]furo[3,2-f]indole	207	C14H9NO	000242-97-7	27
2	5-(1-Cyclohexenyl)-5-ethyl-2,4-i...	208	C11H16N2O2	075356-49-9	22
3	N,N-Diethyl-p-nitroaniline	194	C10H14N2O2	002216-15-1	22
4	1-Methyl-3-phenylindole	207	C15H13N	030020-98-5	22
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	22





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

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Quant Title : SVOA CALIBRATION

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

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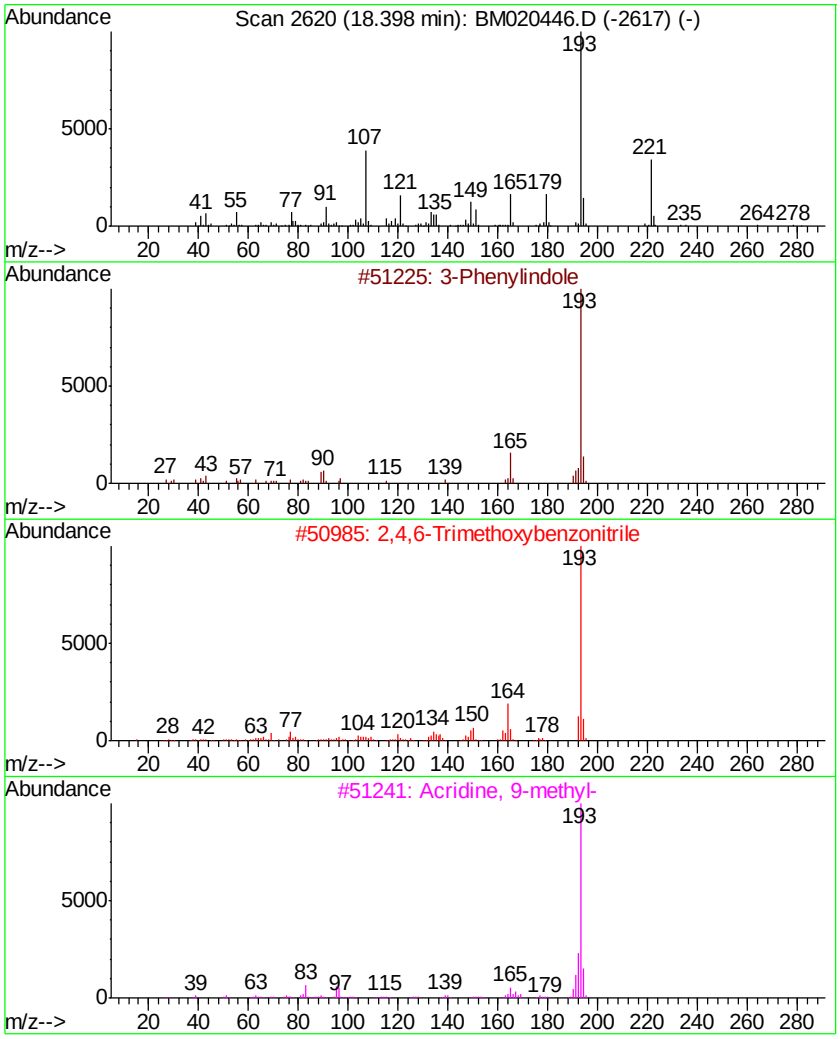
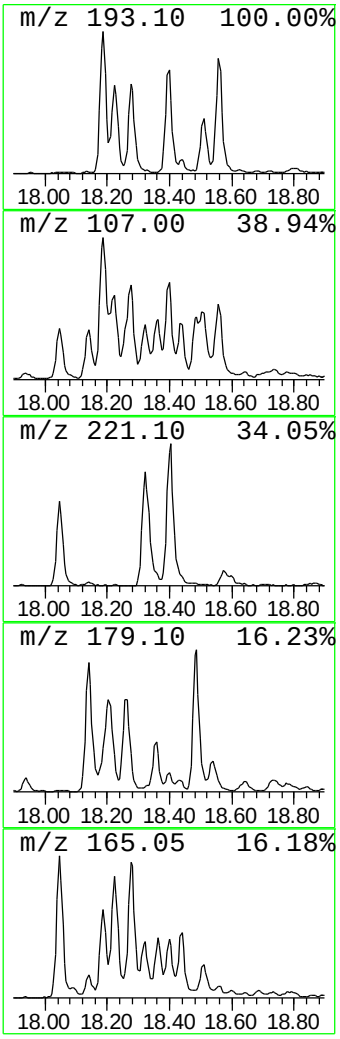
Peak Number 20 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	9.37 ng/ul	506855	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylindole	193	C14H11N	001504-16-1	38
2	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	38
3	Acridine, 9-methyl-	193	C14H11N	000611-64-3	38
4	2-Phenylindolizine	193	C14H11N	025379-20-8	35
5	s-Triazine, 2-amino-4-(morpholin...	278	C13H22N6O	021868-45-1	35





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Quant Title : SVOA CALIBRATION

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

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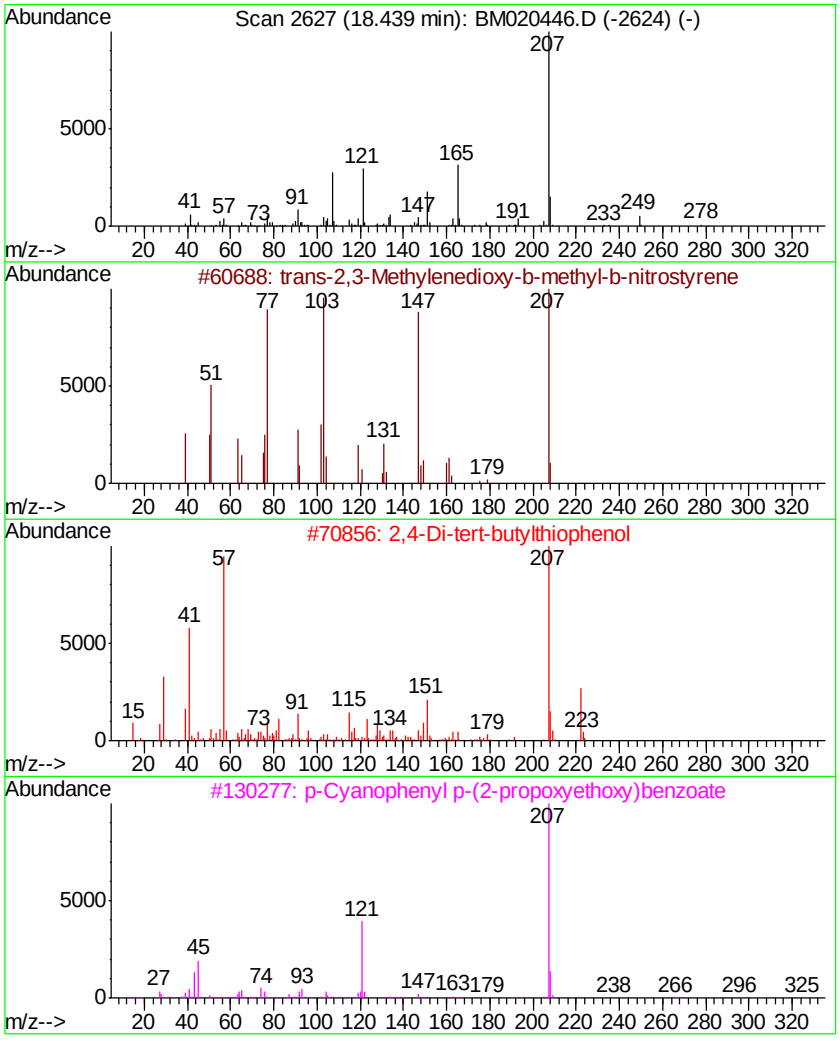
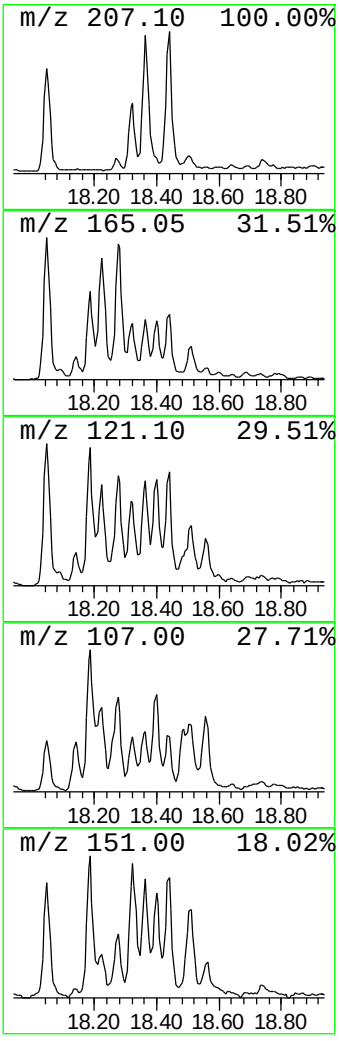
Peak Number 21 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	7.09 ng/ul	383921	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Methylenedioxy-b-methy...	207	C10H9NO4	086029-47-2	43
2	2,4-Di-tert-butylthiophenol	222	C14H22S	019728-43-9	40
3	p-Cyanophenyl p-(2-propoxyethoxy...	325	C19H19NO4	067131-97-9	37
4	1,3-Benzenedicarboxylic acid, 5-...	222	C12H14O4	002359-09-3	37
5	1,2,4-Benzenetricarboxylic acid,...	294	C15H18O6	043049-07-6	37





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Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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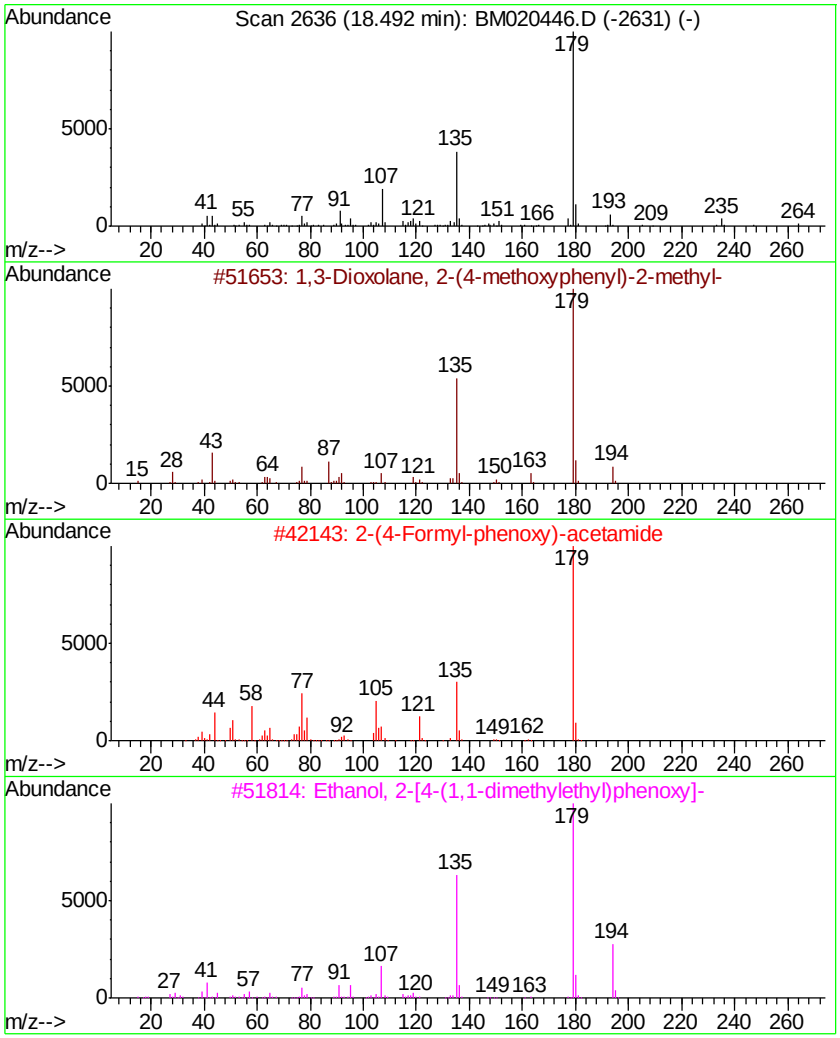
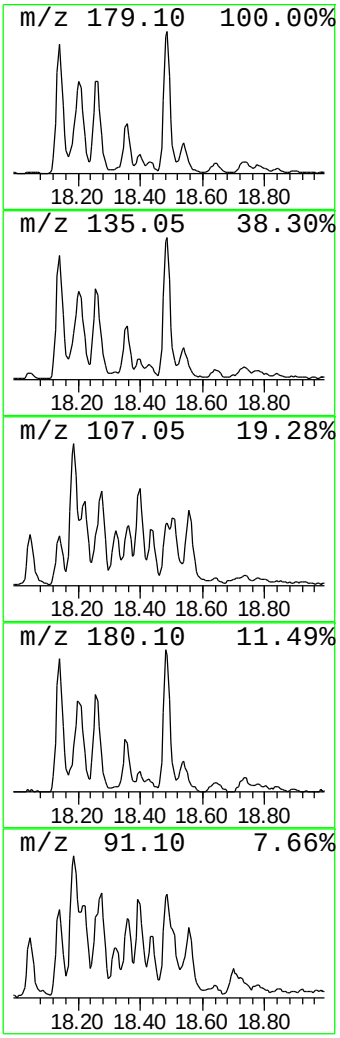
Peak Number 22 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	13.74 ng/ul	743368	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	72
2	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	72
3	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
4	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	39
5	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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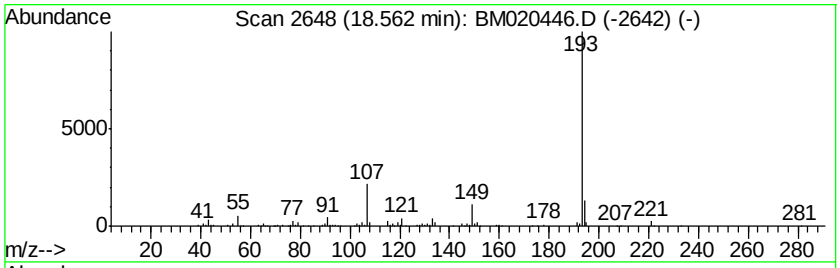
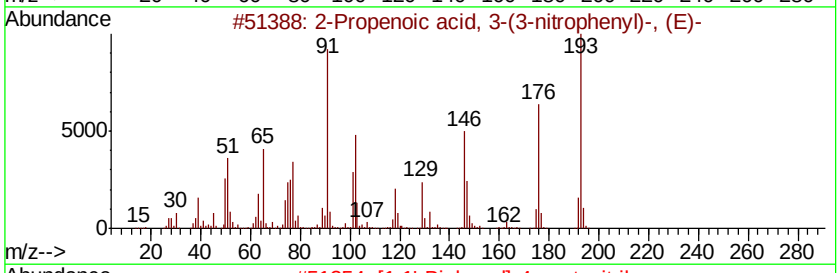
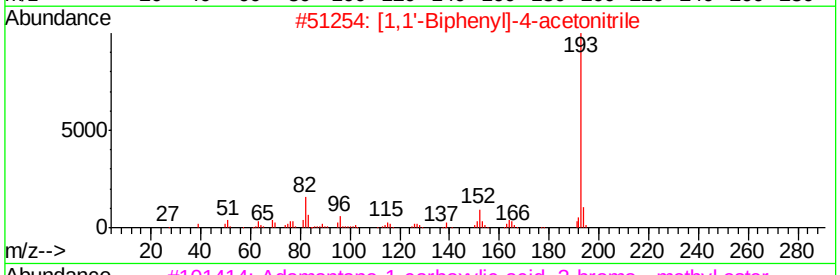
Peak Number 23 2-Propenoic acid, 3-(3-nitr... Concentration Rank 9

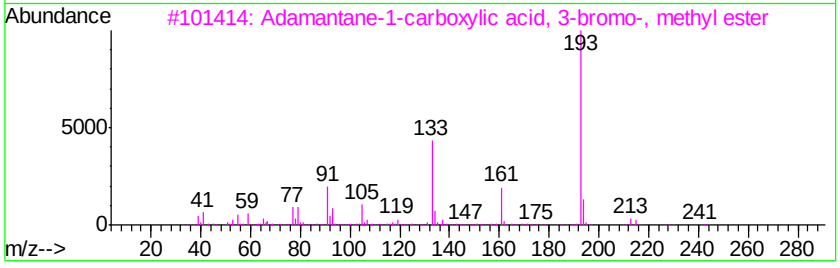
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	13.25 ng/ul	717085	Phenanthrene-d10	17.13

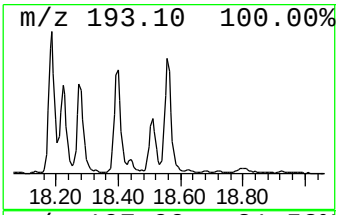
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(3-nitrophen...	193	C9H7NO4	001772-76-5	52
2	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	40
3	Adamantane-1-carboxylic acid, 3-...	272	C12H17BrO2	027983-08-0	36
4	Acetophenone, 4'-(trimethylsiloxy)-	208	C11H16O2Si	018803-29-7	36
5	2-Anthracenamine	193	C14H11N	000613-13-8	33

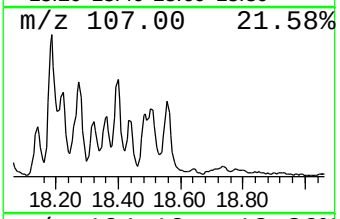


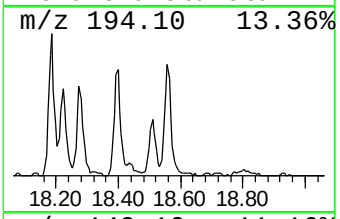


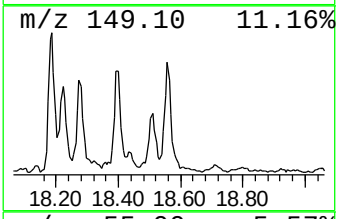


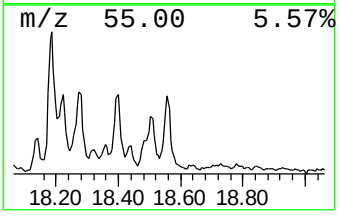












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Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

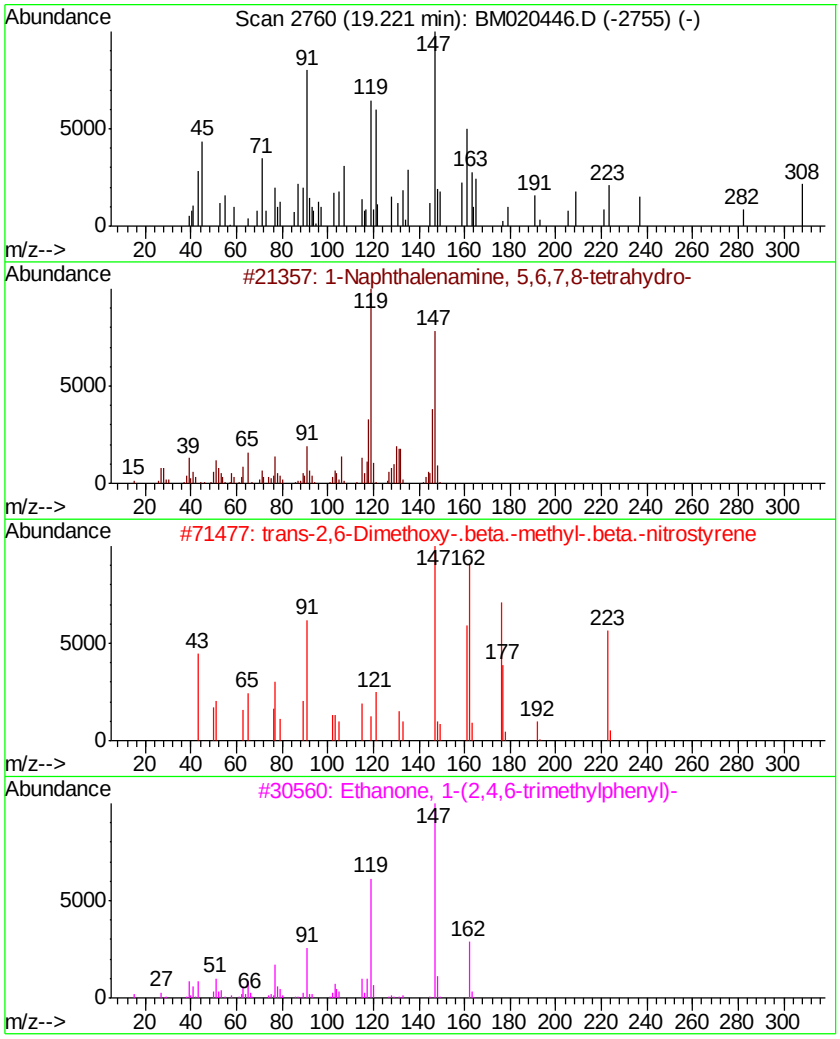
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

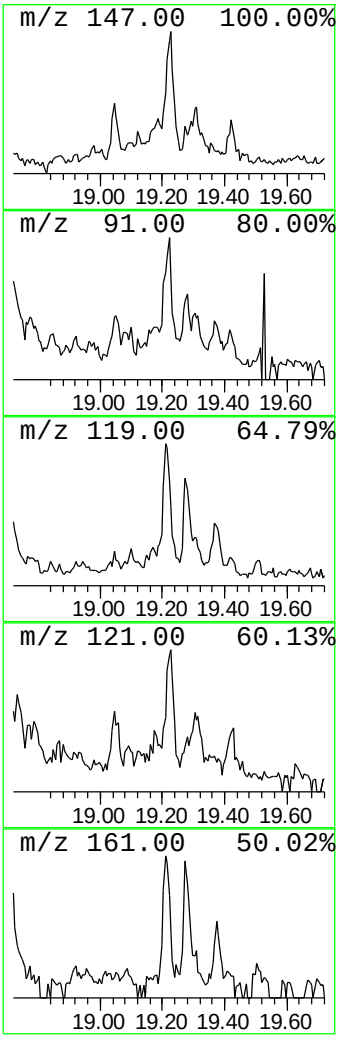
****

Peak Number 24 unknown-08 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.09 ng/ul	112946	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	38
2	trans-2,6-Dimethoxy-.beta.-methy...	223	C11H13NO4	134040-28-1	38
3	Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	35
4	Benzene, 1,2-bis(1-methylethyl)-	162	C12H18	000577-55-9	35
5	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
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Misc :
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Instrument : BNA_M
ClientSampleId : A51A4

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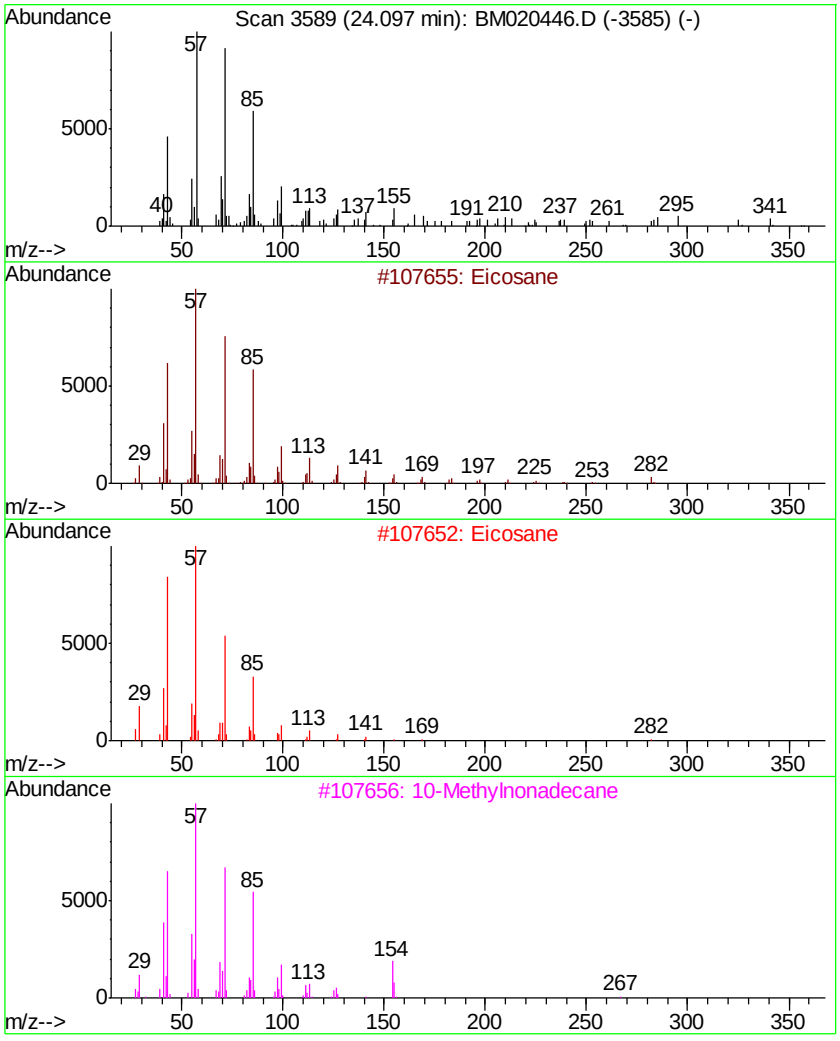
Quant Title : SVOA CALIBRATION

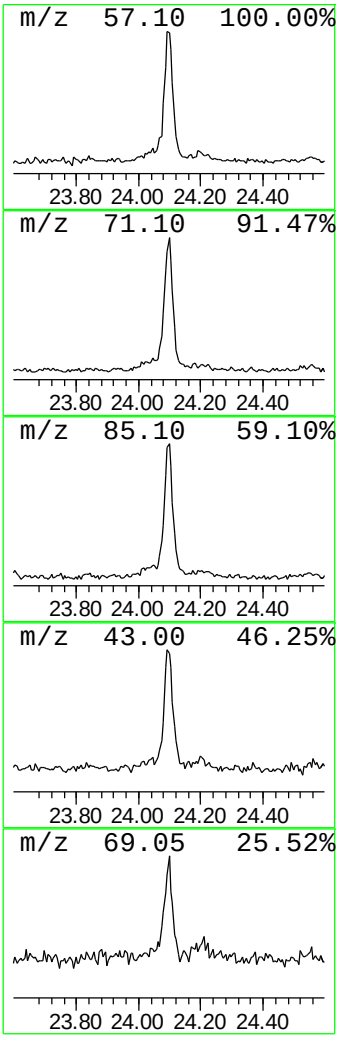
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.38 ng/ul	157017	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane	282	C20H42	000112-95-8	90
3	10-Methylnonadecane	282	C20H42	056862-62-5	81
4	Octacosane	394	C28H58	000630-02-4	81
5	Eicosane	282	C20H42	000112-95-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020446.D
Acq On : 21 May 2019 01:48
Operator : JU/SJ
Sample : K2788-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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-di...	15.89	3.7	ng/ul	199994	4	17.13	1082230	20.0
Acetamide, N-(2,5...	16.12	2.2	ng/ul	117297	4	17.13	1082230	20.0
Phenol, 2-(1,1-di...	16.27	20.0	ng/ul	1080500	4	17.13	1082230	20.0
Phenol, 2-(1,1-di...	16.37	5.6	ng/ul	303389	4	17.13	1082230	20.0
Benzestrol	16.42	2.6	ng/ul	140482	4	17.13	1082230	20.0
p-Methoxybenzoic ...	16.44	3.3	ng/ul	180208	4	17.13	1082230	20.0
Acetamide, N-(3-m...	16.53	5.9	ng/ul	320088	4	17.13	1082230	20.0
2-(4-Formyl-pheno...	17.49	37.6	ng/ul	2034370	4	17.13	1082230	20.0
unknown-01	18.04	12.7	ng/ul	684655	4	17.13	1082230	20.0
Ethanol, 2-[4-(1,...	18.14	15.1	ng/ul	816726	4	17.13	1082230	20.0
unknown-02	18.19	22.7	ng/ul	1226240	4	17.13	1082230	20.0
unknown-03	18.27	18.4	ng/ul	993486	4	17.13	1082230	20.0
unknown-04	18.32	4.7	ng/ul	252994	4	17.13	1082230	20.0
unknown-05	18.36	7.6	ng/ul	409062	4	17.13	1082230	20.0
unknown-06	18.40	9.4	ng/ul	506855	4	17.13	1082230	20.0
unknown-07	18.44	7.1	ng/ul	383921	4	17.13	1082230	20.0
1,3-Dioxolane, 2-...	18.49	13.7	ng/ul	743368	4	17.13	1082230	20.0
2-Propenoic acid,...	18.56	13.3	ng/ul	717085	4	17.13	1082230	20.0
unknown-08	19.22	2.1	ng/ul	112946	4	17.13	1082230	20.0
(DEL) Alkane: Str...	24.10	2.4	ng/ul	157017	6	23.60	1318980	20.0