LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

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_G\METHODS\SOM-EPA-BG081320PAH.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	3.169	8	14	32	rVB	1147953	2223813	86.07%	6.946%
2	3.845	125	129	134	rVB5	7924	13640	0.53%	0.043%
3	3.939	140	145	153	rVB	36559	57217	2.21%	0.179%
4	4.074	163	168	175	rVV2	12644	20717	0.80%	0.065%
5	5.067	333	337	347	rVB3	17273	30678	1.19%	0.096%
6	7.117	677	686	698	rBV	143951	268183	10.38%	0.838%
7	7.276	705	713	723	rBV	132250	228869	8.86%	0.715%
8	7.488	742	749	758	rVB	159290	275043	10.64%	0.859%
9	7.952	820	828	837	rBV	400825	680908	26.35%	2.127%
10	8.651	940	947	956	rBV	176790	305756	11.83%	0.955%
11	8.768	962	967	974	rBV2	6973	11135	0.43%	0.035%
12	9.103	1017	1024	1031	rBV	151175	270354	10.46%	0.844%
13	9.826	1140	1147	1156	rVB	124930	221644	8.58%	0.692%
14	10.367	1232	1239	1250	rBV	204718	360323	13.95%	1.126%
15	10.749	1296	1304	1311	rBV	551132	986141	38.17%	3.080%
16	10.878	1319	1326	1333	rBV	112625	219010	8.48%	0.684%
17	12.405	1578	1586	1594	rVB2	5759	10837	0.42%	0.034%
18	13.898	1835	1840	1845	rBV2	7660	14635	0.57%	0.046%
19	13.980	1845	1854	1858	rVV	428813	611541	23.67%	1.910%
20	14.027	1858	1862	1868	rVB	160153	226098	8.75%	0.706%
21	14.268	1891	1903	1915	rBV	452556	753849	29.18%	2.355%
22	14.573	1947	1955	1962	rBV2	867468	1385114	53.61%	4.327%
23	14.638	1962	1966	1973	rVB	20603	30963	1.20%	0.097%
24	14.767	1982	1988	2001	rBV2	53179	121946	4.72%	0.381%
25	14.973	2019	2023	2031	rVV	20045	36703	1.42%	0.115%
26	15.566	2117	2124	2130	rBV	631761	948331	36.70%	2.962%
27	15.619	2130	2133	2138	rVV3	30539	43675	1.69%	0.136%
28	15.678	2138	2143	2152	rVV	126498	201090	7.78%	0.628%
29	15.801	2159	2164	2166	rVV5	8282	15331	0.59%	0.048%
30	15.919	2178	2184	2190	rVB2	13051	22743	0.88%	0.071%
31	16.066	2203	2209	2216	rVB3	15802	31924	1.24%	0.100%
32	16.295	2240	2248	2253	rVV7	11513	21616	0.84%	0.068%
33	16.595	2292	2299	2300	rBV6	7449	11254	0.44%	0.035%
34	16.636	2302	2306	2309	rVB5	7501	10870	0.42%	0.034%

LSC Area Percent Report

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Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

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_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

35	16.853	2336	2343	2347	rBV5	12294	24210	0.94%	0.076%
36	16.900	2347	2351	2354	rVB4	11073	14398	0.56%	0.045%
37	16.971	2357	2363	2370	rVB2	32386	57949	2.24%	0.181%
38	17.053	2373	2377	2384	rBV6	12267	35813	1.39%	0.112%
39	17.135	2388	2391	2400	rVB2	20150	33593	1.30%	0.105%
40	17.217	2400	2405	2410	rBV5	11963	19007	0.74%	0.059%
41	17.317	2412	2422	2426	rBV	1089087	1656780	64.12%	5.175%
42	17.358	2426	2429	2434	rVB	396603	517571	20.03%	1.617%
43	17.417	2434	2439	2443	rBV	636451	931794	36.06%	2.911%
44	17.505	2449	2454	2461	rVB3	16263	25208	0.98%	0.079%
45	17.629	2472	2475	2481	rVB4	10492	13237	0.51%	0.041%
46	17.717	2481	2490	2494	rBV2	38805	75107	2.91%	0.235%
47	17.834	2507	2510	2516	rVB4	17353	24898	0.96%	0.078%
48	17.899	2516	2521	2525	rBV4	17648	25325	0.98%	0.079%
49	17.993	2531	2537	2541	rBV8	11352	24424	0.95%	0.076%
50	18.110	2553	2557	2561	rVB6	13984	20118	0.78%	0.063%
51	18.157	2561	2565	2566	rBV3	13464	16806	0.65%	0.052%
52	18.216	2566	2575	2578	rBV2	178020	373511	14.46%	1.167%
53	18.316	2589	2592	2597	rVB	30426	49047	1.90%	0.153%
54	18.387	2598	2604	2608	rVV2	98758	190140	7.36%	0.594%
55	18.422	2608	2610	2617	rVB	63137	82852	3.21%	0.259%
56	18.686	2651	2655	2658	rVV	63929	96873	3.75%	0.303%
57	18.722	2658	2661	2667	rVB	89816	130028	5.03%	0.406%
58	18.810	2674	2676	2681	rBV5	11434	18436	0.71%	0.058%
59	18.939	2694	2698	2702	rBV2	27652	39185	1.52%	0.122%
60	18.986	2702	2706	2709	rVV	22592	31300	1.21%	0.098%
61	19.027	2709	2713	2716	rVB	24953	31963	1.24%	0.100%
62	19.103	2721	2726	2731	rBV2	74256	133648	5.17%	0.417%
63	19.168	2731	2737	2740	rBV5	25558	60706	2.35%	0.190%
64	19.239	2745	2749	2757	rVB	73343	139001	5.38%	0.434%
65	19.368	2765	2771	2777	rVB	976504	1331965	51.55%	4.161%
66	19.427	2779	2781	2784	rBV2	14727	17534	0.68%	0.055%
67	19.462	2785	2787	2788	rBV2	17111	13232	0.51%	0.041%
68	19.485	2788	2791	2794	rVV3	29486	33170	1.28%	0.104%
69	19.562	2800	2804	2806	rBV3	35081	44801	1.73%	0.140%
70	19.697	2821	2827	2830	rBV2	956110	1482373	57.37%	4.630%
71	19.726	2830	2832	2840	rVB	827488	1021202	39.52%	3.190%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

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_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

72	19.803	2840	2845	2851	rBV2	50443	88785	3.44%	0.277%
73	19.908	2859	2863	2868	rVB	44753	63729	2.47%	0.199%
74	19.961	2870	2872	2880	rVB2	42062	54611	2.11%	0.171%
75	20.049	2881	2887	2893	rBV4	87303	230165	8.91%	0.719%
76	20.185	2906	2910	2912	rBV4	44153	71371	2.76%	0.223%
77	20.220	2913	2916	2920	rVB	114104	148375	5.74%	0.463%
78	20.320	2929	2933	2936	rBV2	72773	97400	3.77%	0.304%
79	20.378	2938	2943	2947	rVB2	105895	181064	7.01%	0.566%
80	20.514	2963	2966	2970	rBV	50159	63801	2.47%	0.199%
81	20.566	2971	2975	2978	rVB2	57576	74229	2.87%	0.232%
82	20.972	3040	3044	3051	rVB	133289	196077	7.59%	0.612%
83	21.154	3068	3075	3078	rBV2	79236	188852	7.31%	0.590%
84	21.195	3079	3082	3084	rVV	84322	104944	4.06%	0.328%
85	21.230	3084	3088	3095	rVV3	363593	611749	23.68%	1.911%
86	21.295	3096	3099	3104	rVB	108578	166783	6.46%	0.521%
87	21.471	3126	3129	3136	rVB2	133849	171600	6.64%	0.536%
88	21.559	3136	3144	3149	rVV2	1197443	2583780	100.00%	8.071%
89	21.606	3149	3152	3160	rVB	439092	708216	27.41%	2.212%
90	21.777	3174	3181	3184	rBV4	128185	329486	12.75%	1.029%
91	22.376	3274	3283	3291	rBV5	120471	361254	13.98%	1.128%
92	23.040	3393	3396	3402	rVB2	85864	128987	4.99%	0.403%
93	23.692	3499	3507	3514	rBV	357030	1148905	44.47%	3.589%
94	23.821	3524	3529	3534	rBV	265644	514780	19.92%	1.608%
95	23.868	3534	3537	3544	rVB2	150618	270677	10.48%	0.846%
96	24.385	3619	3625	3630	rBV	173207	404736	15.66%	1.264%
97	24.456	3631	3637	3643	rVV2	360241	889992	34.45%	2.780%
98	24.521	3644	3648	3658	rVB	264022	589579	22.82%	1.842%
99	24.673	3666	3674	3681	rBV2	593293	1511745	58.51%	4.722%
100	25.831	3863	3871	3880	rBV2	203062	548932	21.25%	1.715%

Sum of corrected areas: 32013760

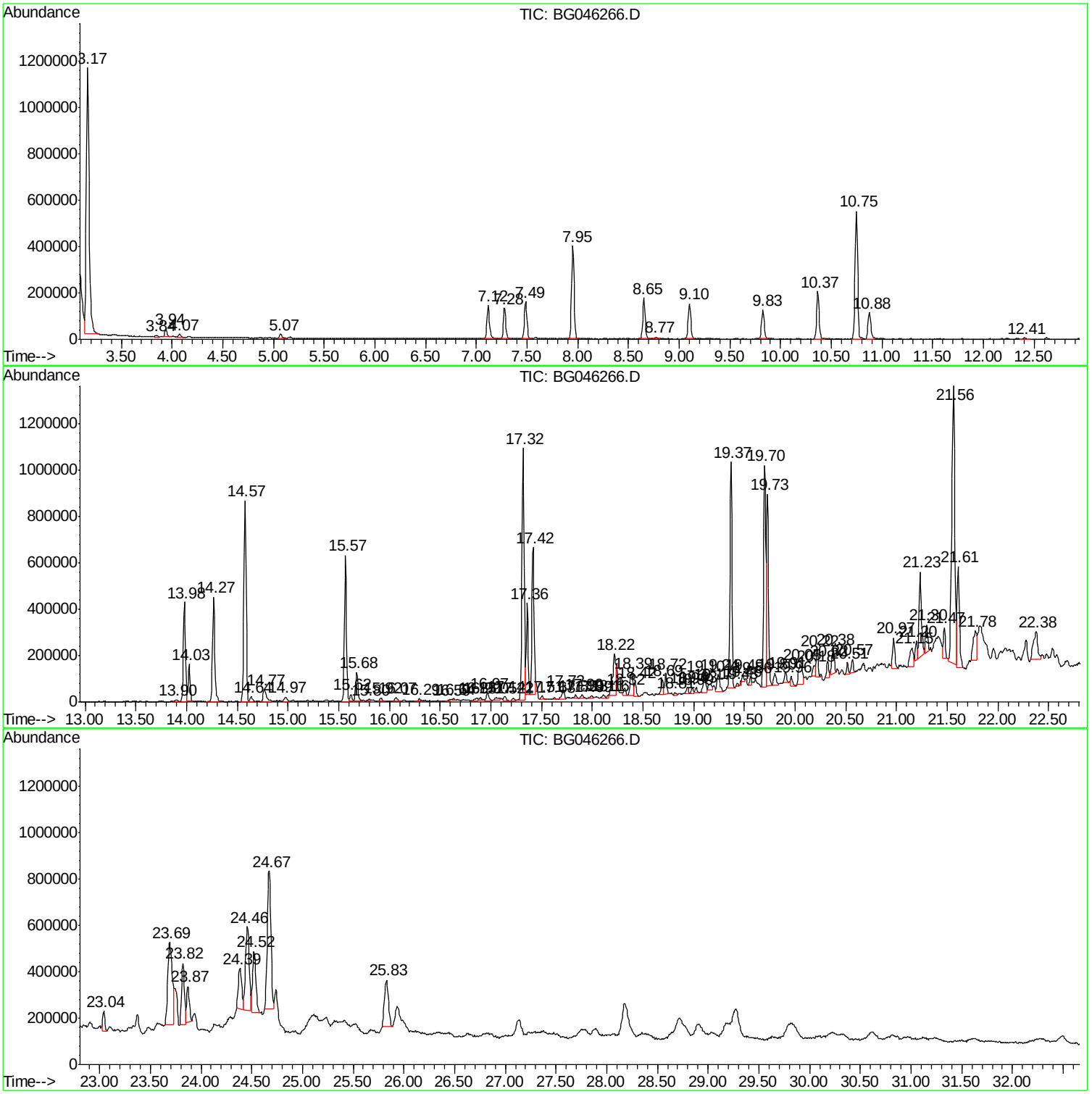
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

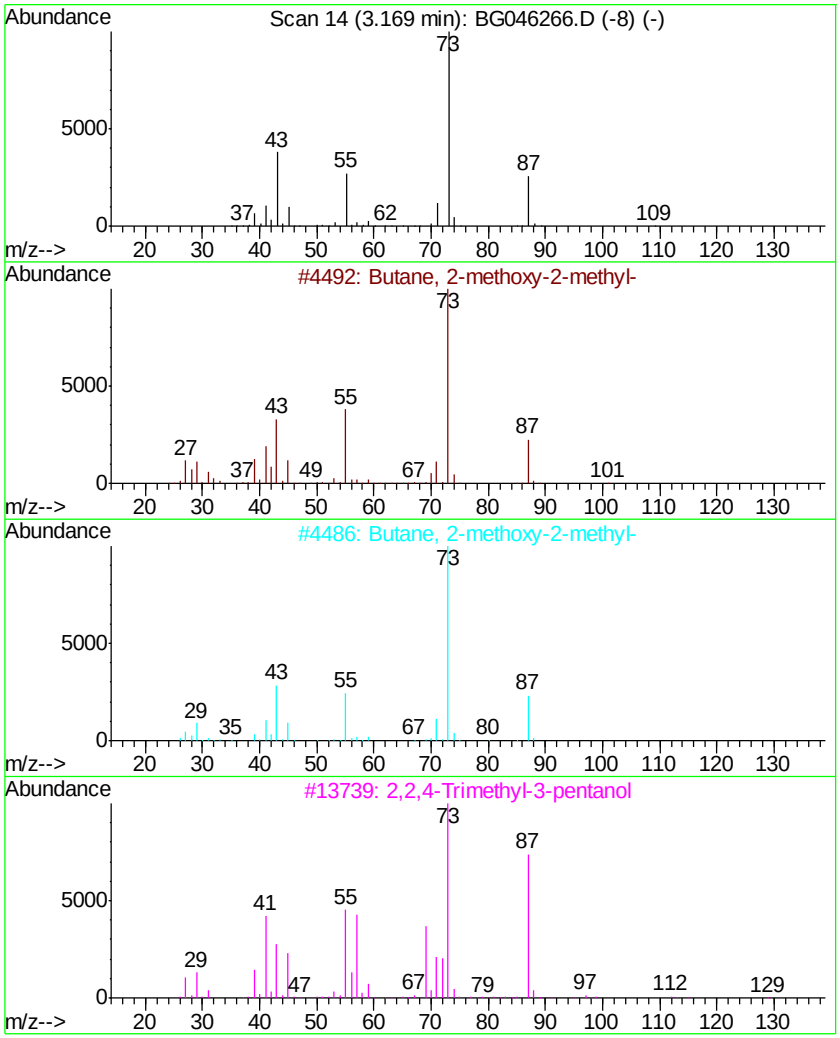
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

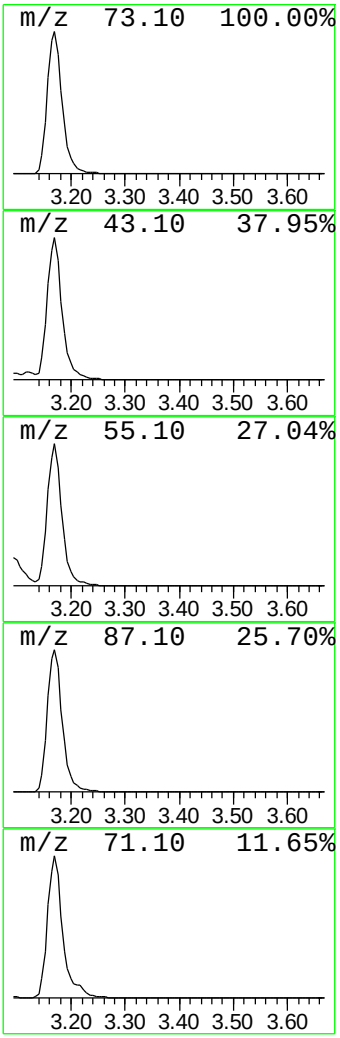
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	65.32 ng/ul	2223810	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

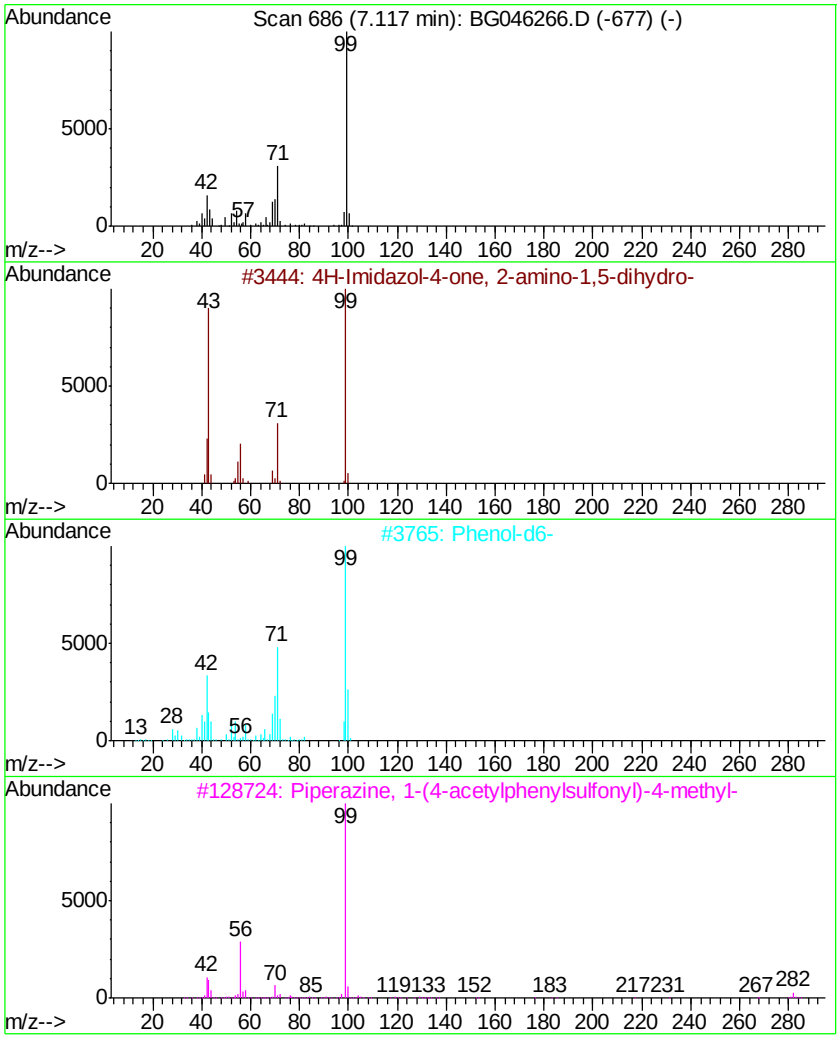
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

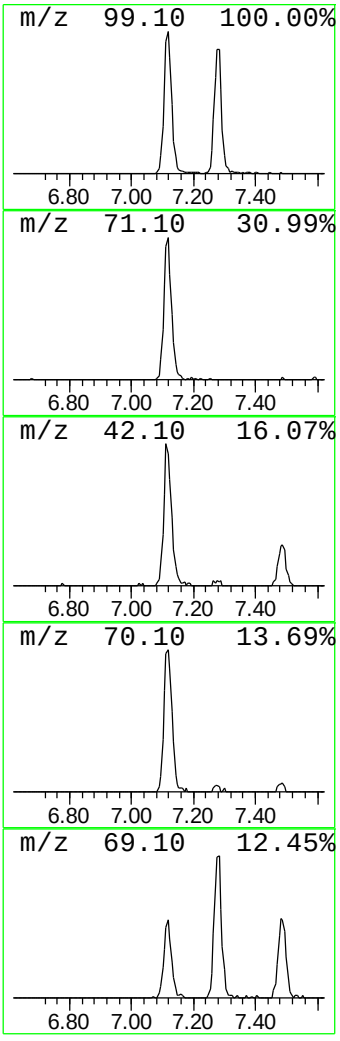
****

Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	7.88 ng/ul	268183	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	Phenol-d6-	100	C6D6O	013127-88-3	56
3	Piperazine, 1-(4-acetylphenylsul...	282	C13H18N2O3S	309271-25-8	53
4	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	53
5	2-Thioxo-dihydropyrimidine-4,6-d...	359	C17H21N5O2S	1000304-28-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

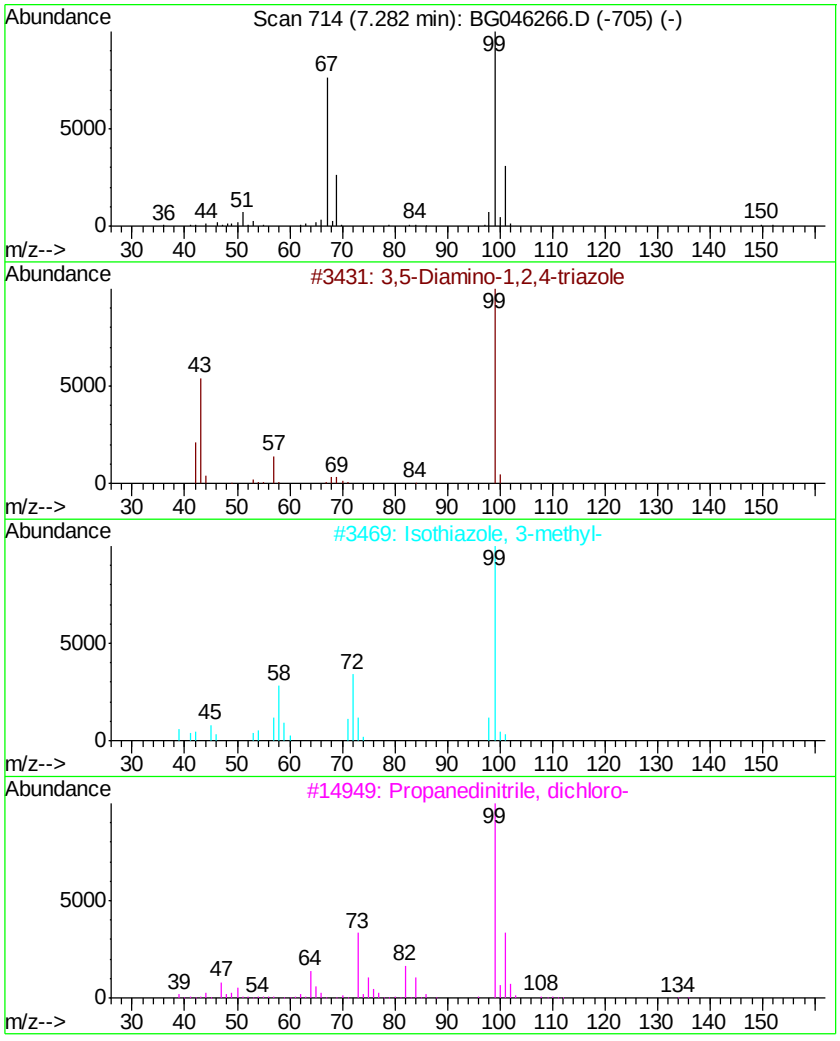
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

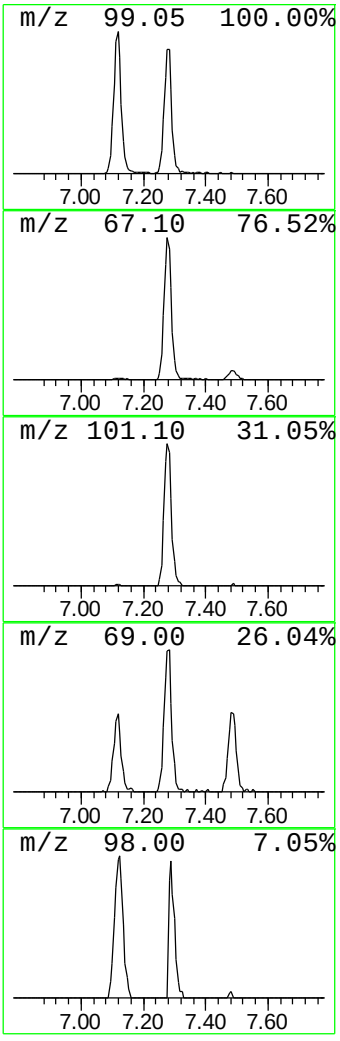
****

Peak Number 3 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	6.72 ng/ul	228869	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
3	Propanedinitrile, dichloro-	134	C3Cl2N2	013063-43-9	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
5	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

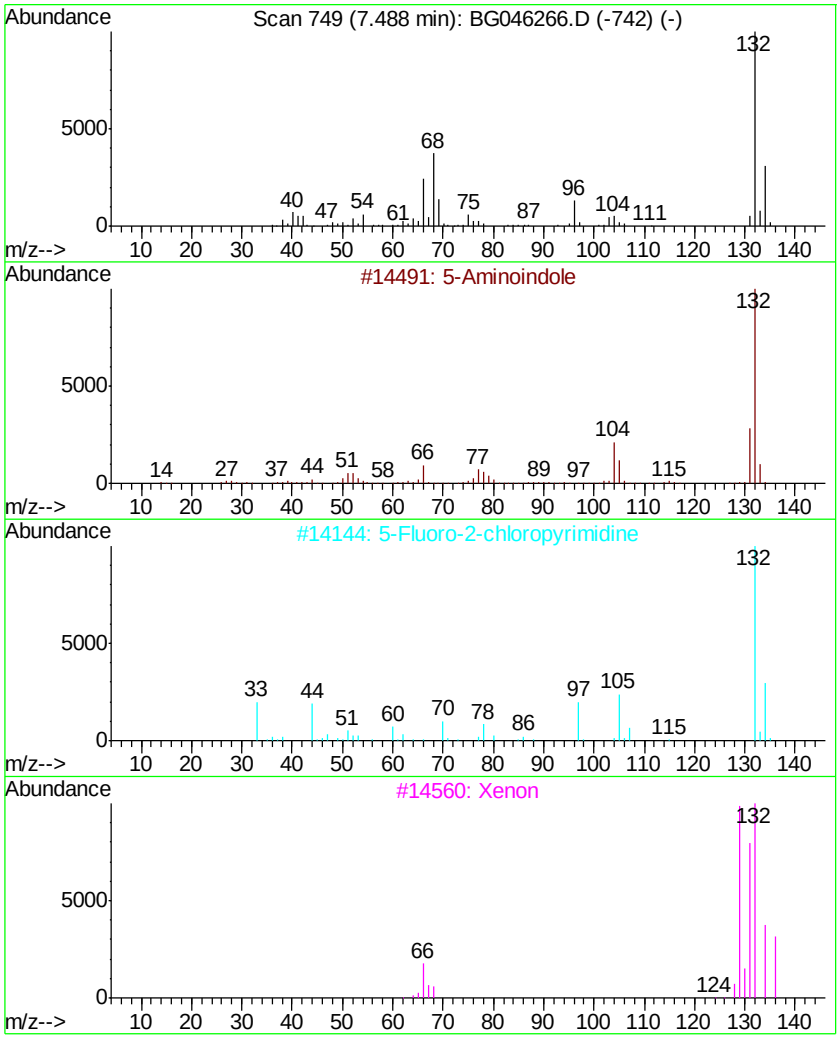
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

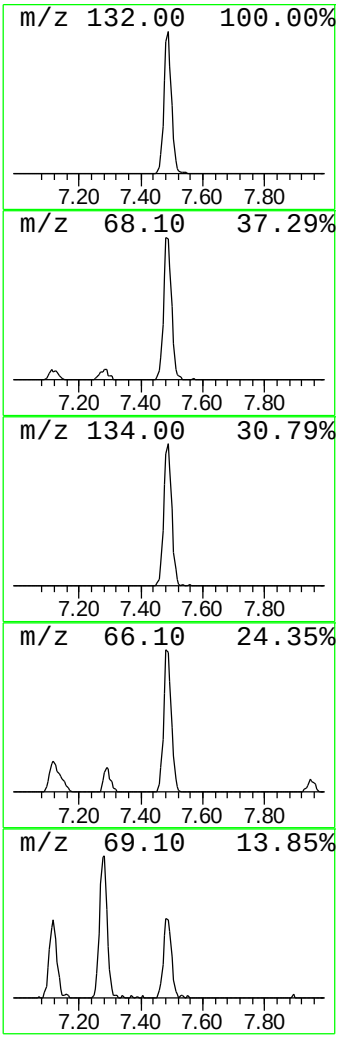
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	8.08 ng/ul	275043	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3	Xenon	132	Xe	007440-63-3	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

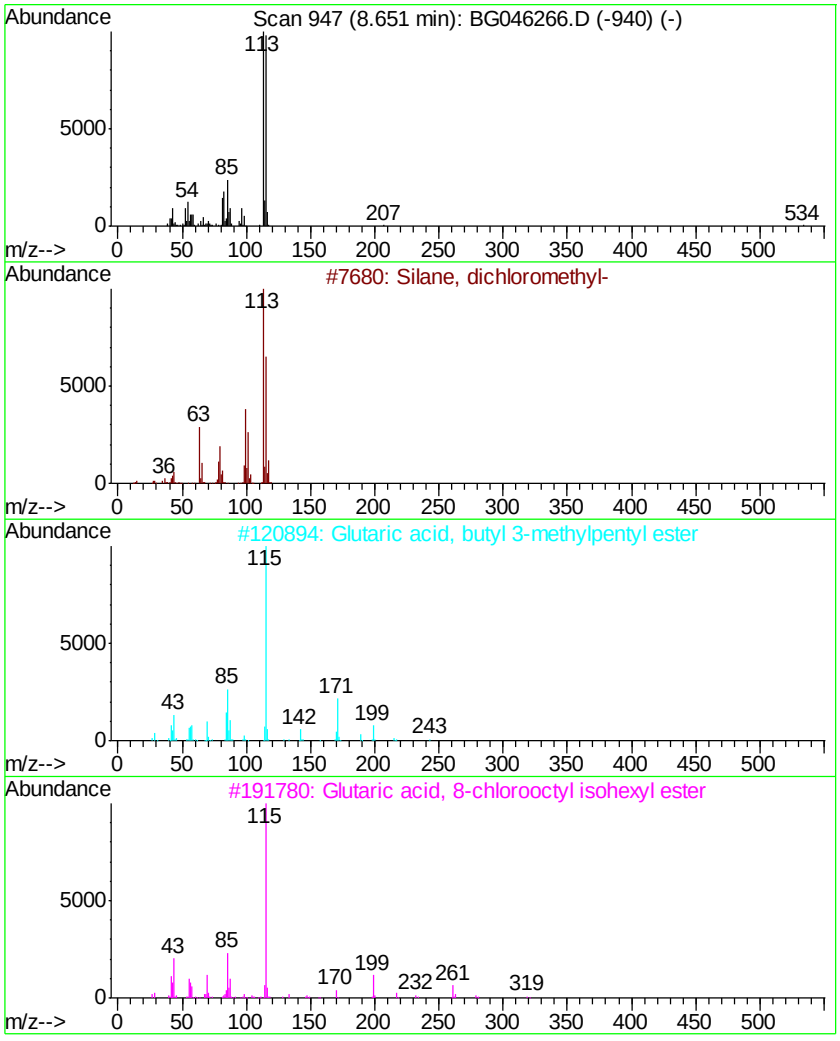
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

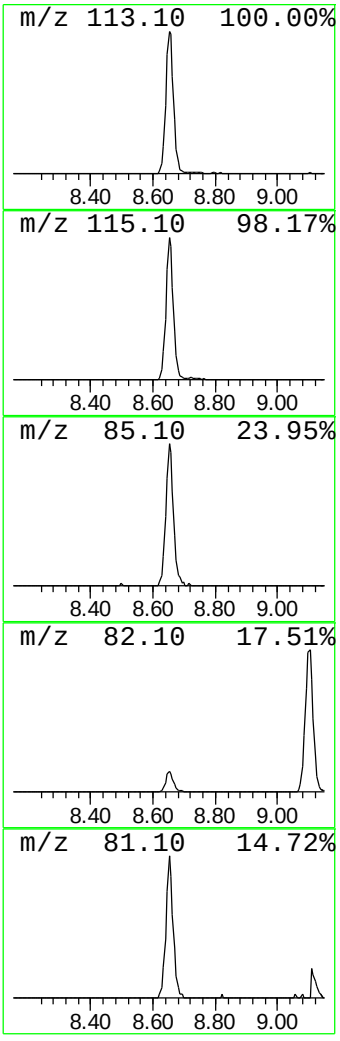
****

Peak Number 5 Silane, dichloromethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.98 ng/ul	305756	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	64
2	Glutaric acid, butyl 3-methylpen...	272	C15H28O4	1000360-05-7	47
3	Glutaric acid, 8-chlorooctyl iso...	362	C19H35ClO4	1000359-58-6	47
4	Glutaric acid, 2-ethylbutyl hexy...	300	C17H32O4	1000359-42-7	43
5	Glutaric acid, decyl isohexyl ester	356	C21H40O4	1000358-27-1	43





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Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

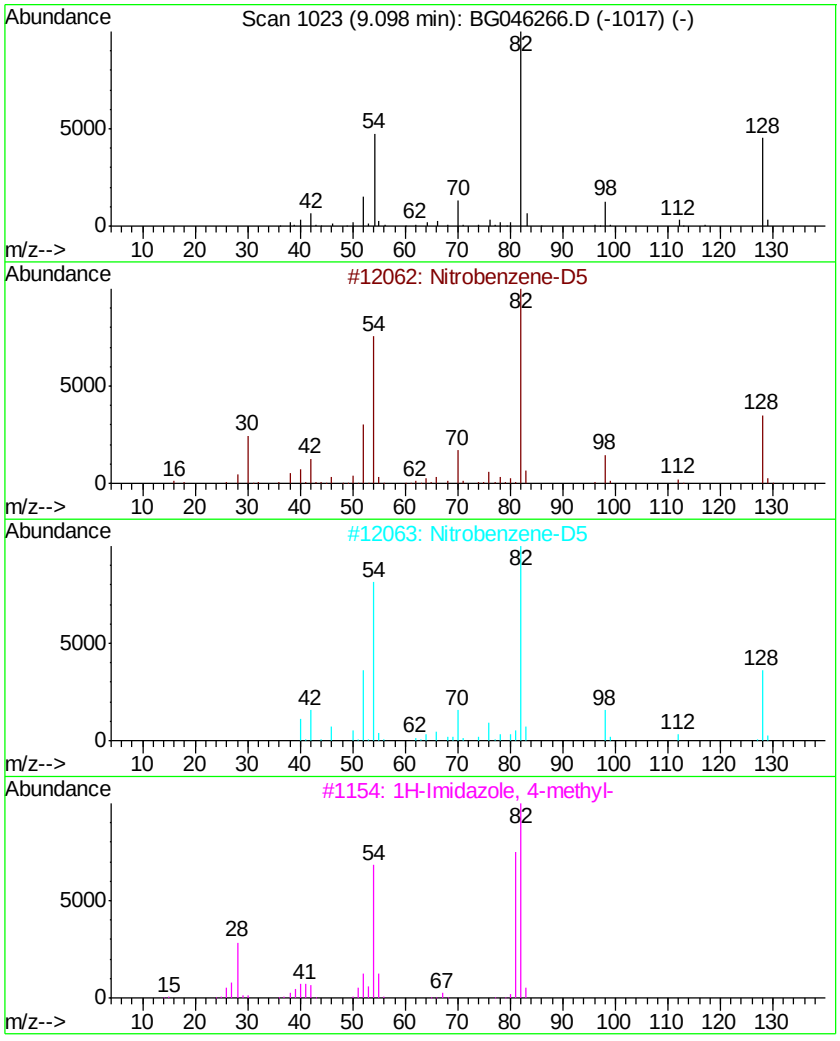
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

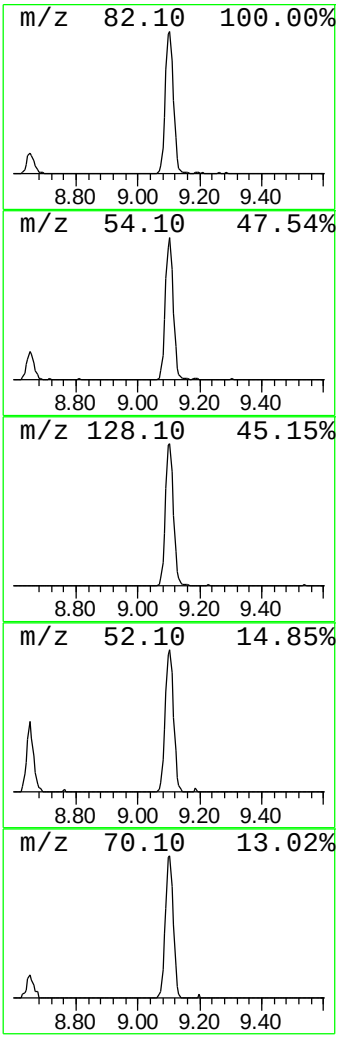
****

Peak Number 6 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	7.94 ng/ul	270354	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	56
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38





Library Search Compound Report

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Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

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Quant Title : SVOA CALIBRATION

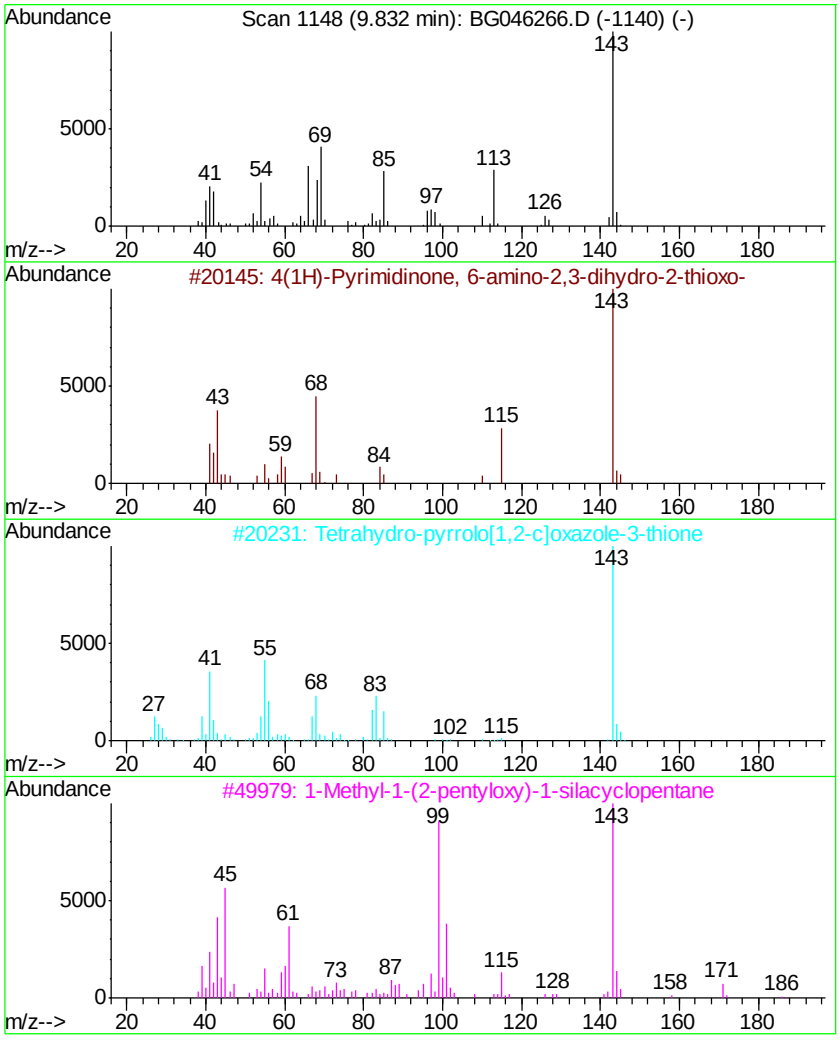
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

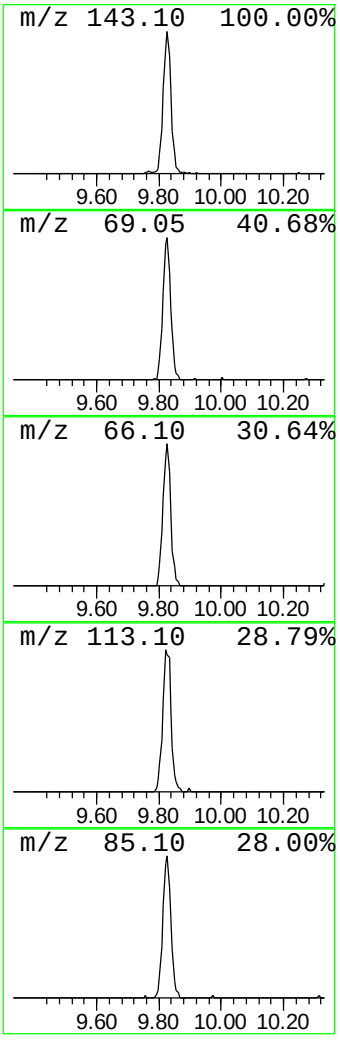
****

Peak Number 7 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.50 ng/ul	221644	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	25
2	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
3	1-Methyl-1-(2-pentyloxy)-1-silac...	186	C10H22OSi	1000216-95-9	14
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
5	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	12





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Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

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Quant Title : SVOA CALIBRATION

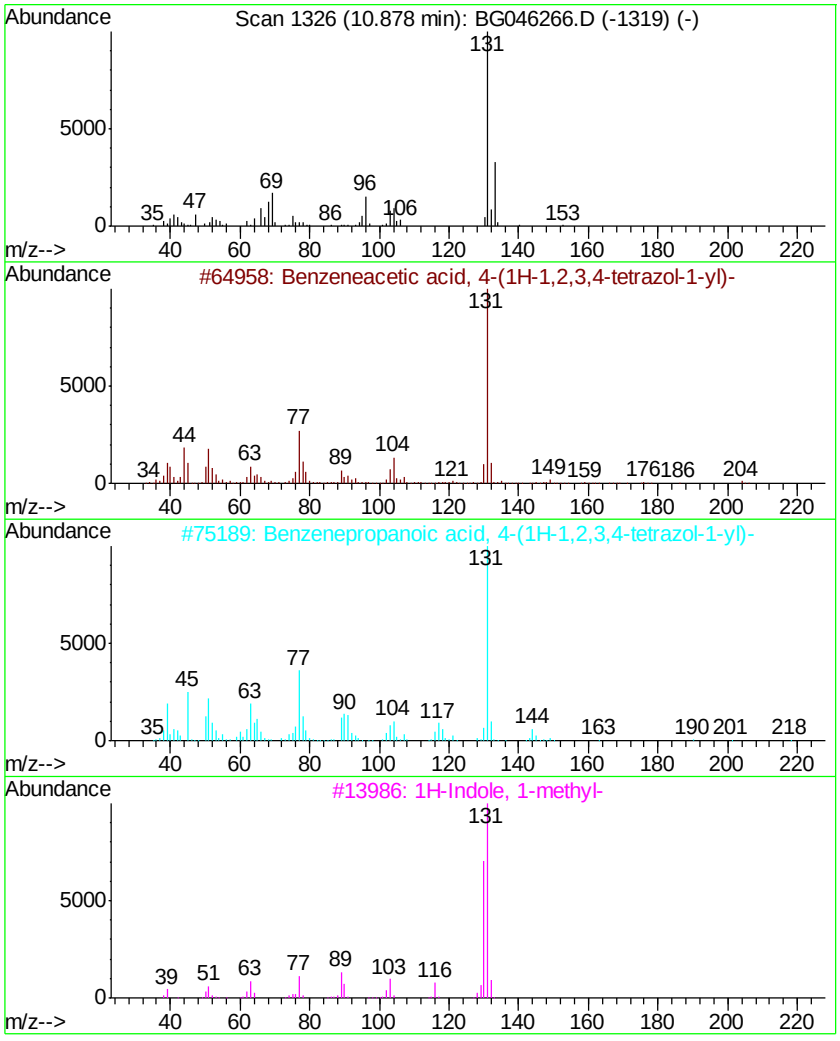
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

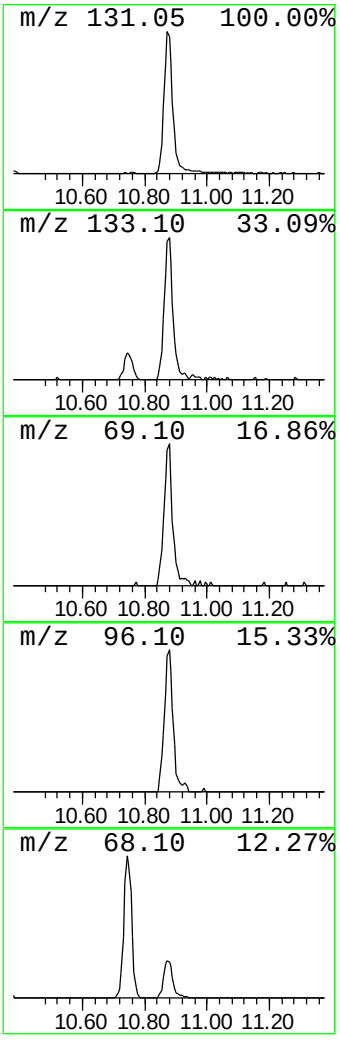
****

Peak Number 8 unknown-05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.44 ng/ul	219010	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	Benzenepropanoic acid, 4-(1H-1,2...	218	C10H10N4O2	1000349-98-4	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	9





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Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

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Quant Title : SVOA CALIBRATION

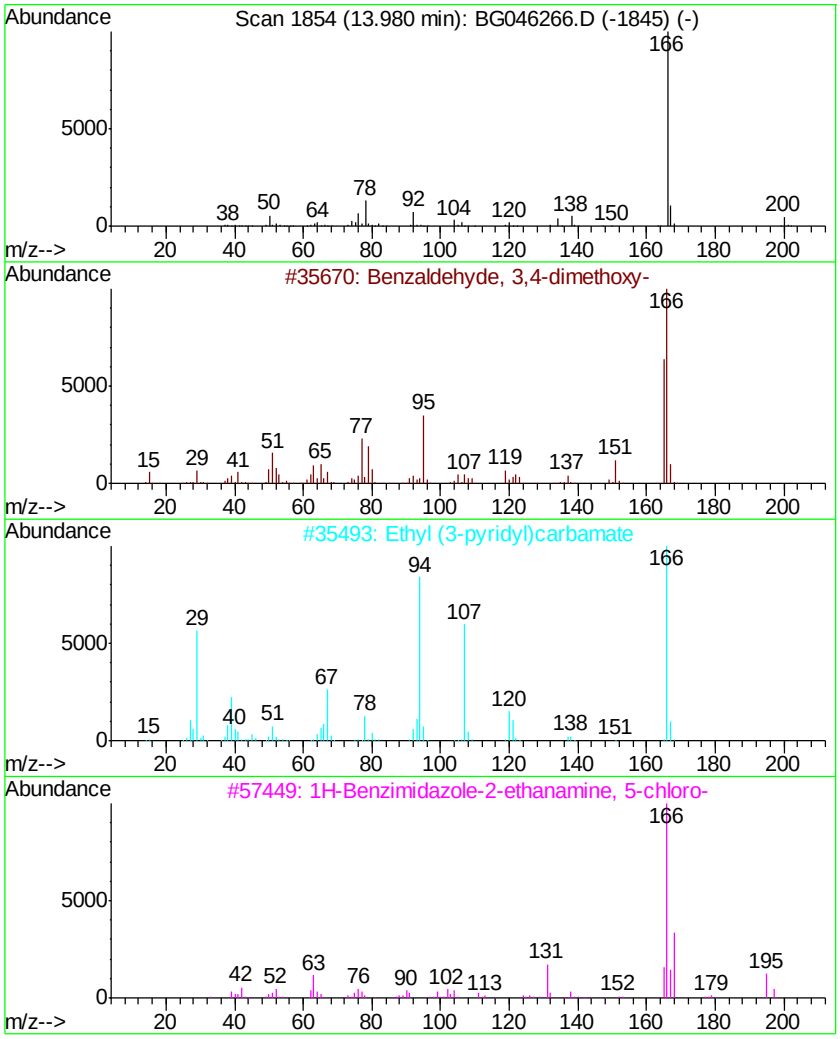
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

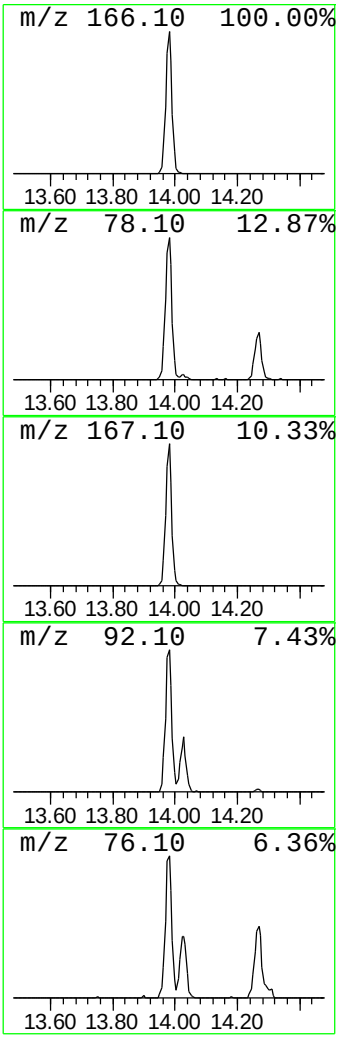
****

Peak Number 9 unknown-06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	8.83 ng/ul	611541	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
5	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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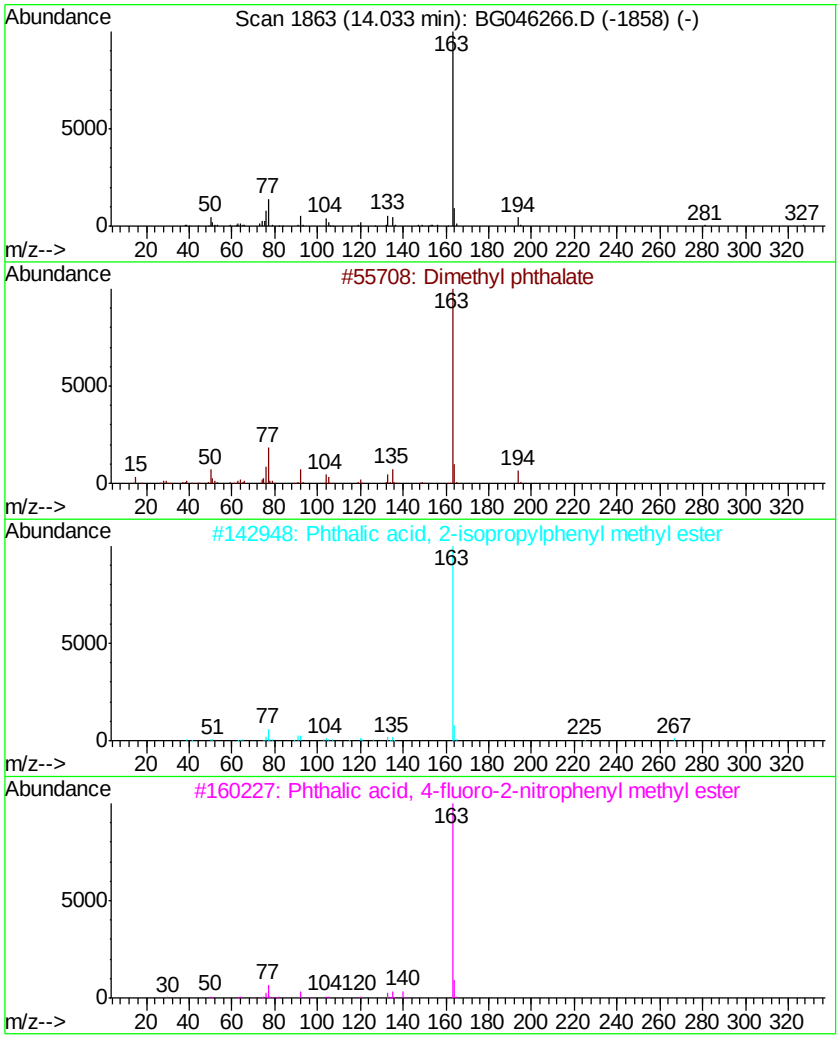
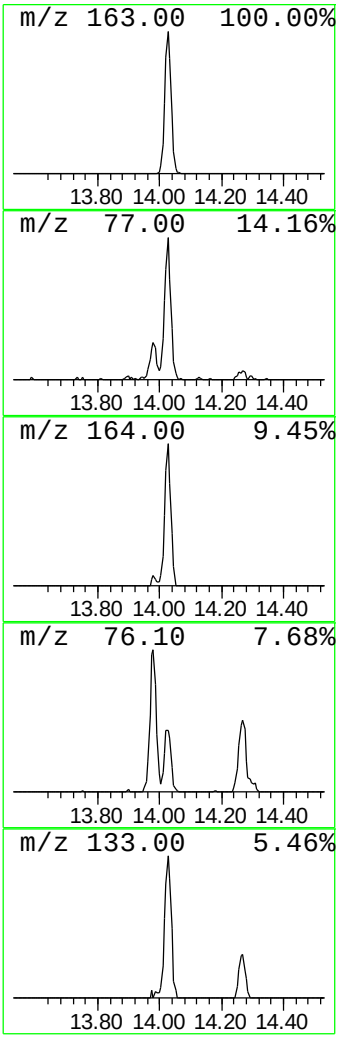
Peak Number 10 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	3.26 ng/ul	226098	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Phthalic acid, 2-isopropylphenyl...	298	C18H18O4	1000315-52-2	78
3	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	78
4	Heptyl methyl phthalate	278	C16H22O4	1000373-88-4	78
5	Phthalic acid, 4-isopropylphenyl...	298	C18H18O4	1000315-65-7	74





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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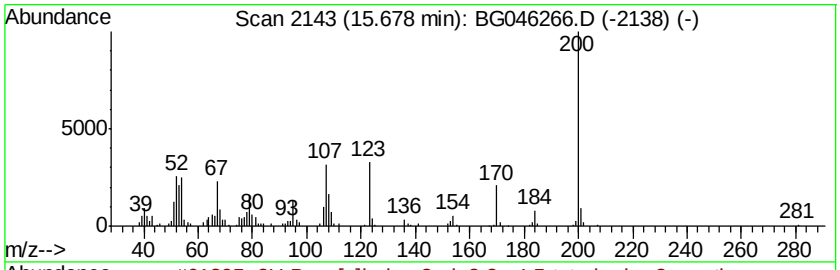
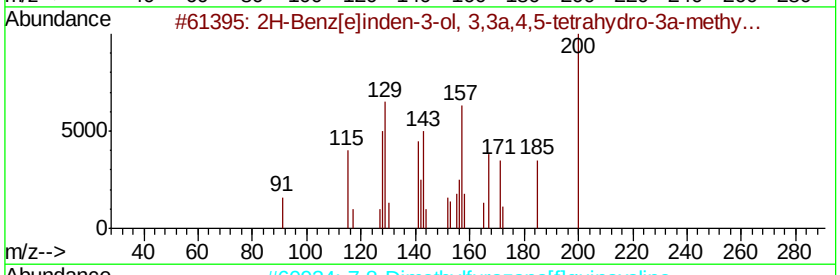
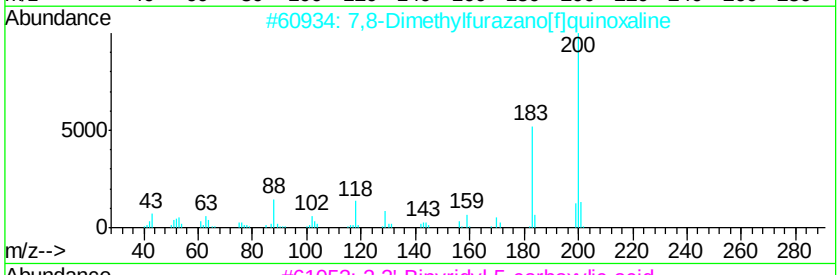
Peak Number 11 unknown-07 Concentration Rank 17

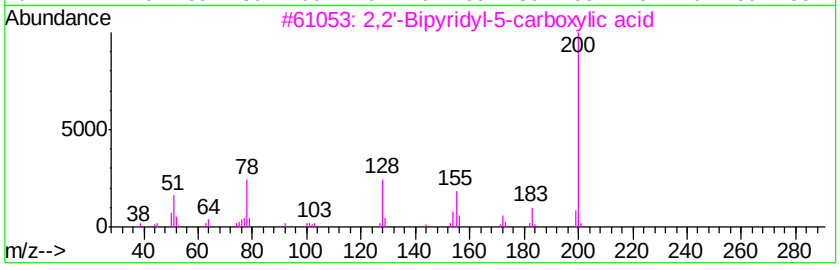
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.90 ng/ul	201090	Acenaphthene-d10	14.57

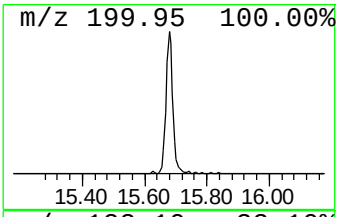
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	27
2	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	22
3	2,2'-Bipyridyl-5-carboxylic acid	200	C11H8N2O2	001970-80-5	14
4	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
5	Sulfamerazine	264	C11H12N4O2S	000127-79-7	12

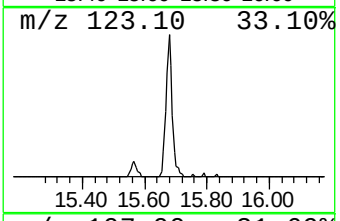


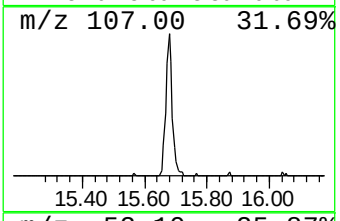


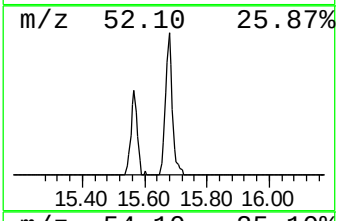


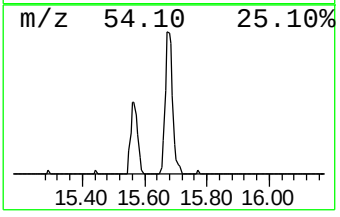












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Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

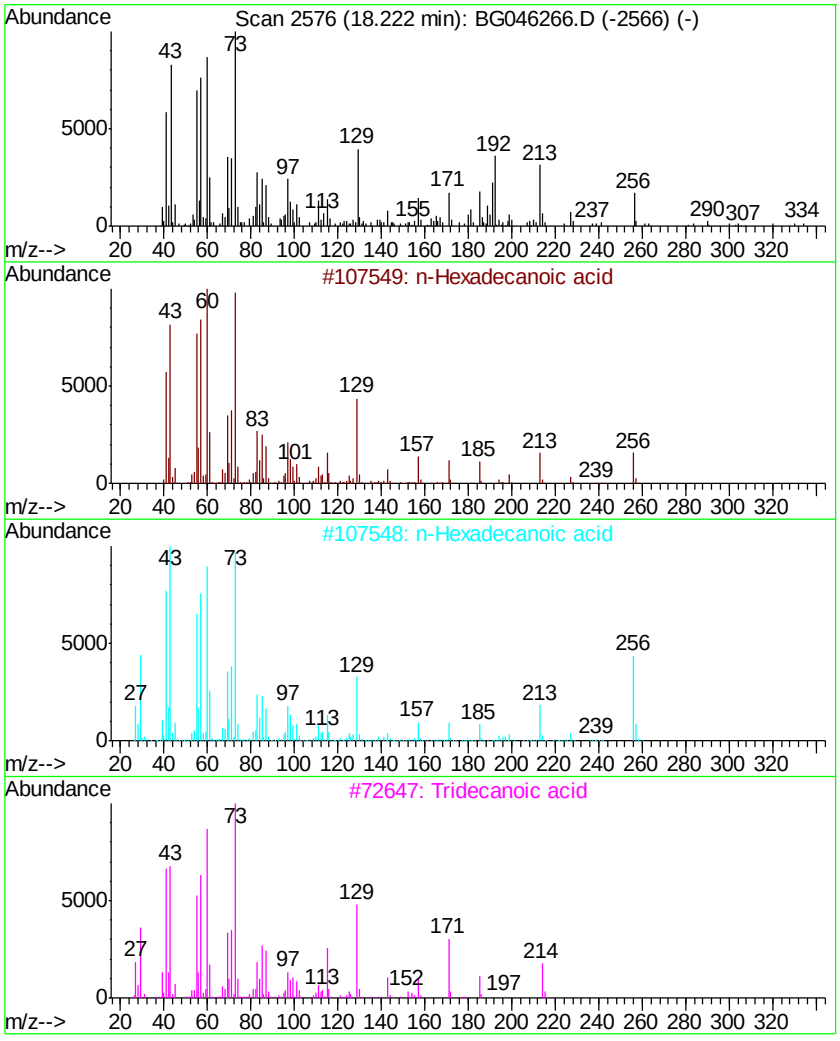
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

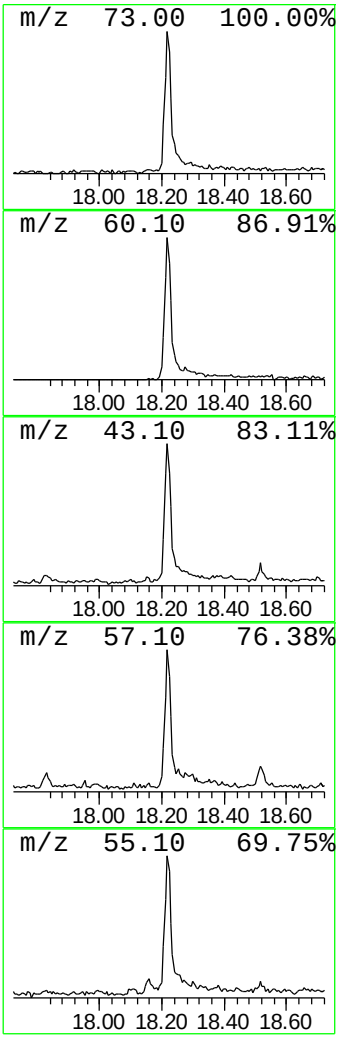
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.51 ng/ul	373511	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

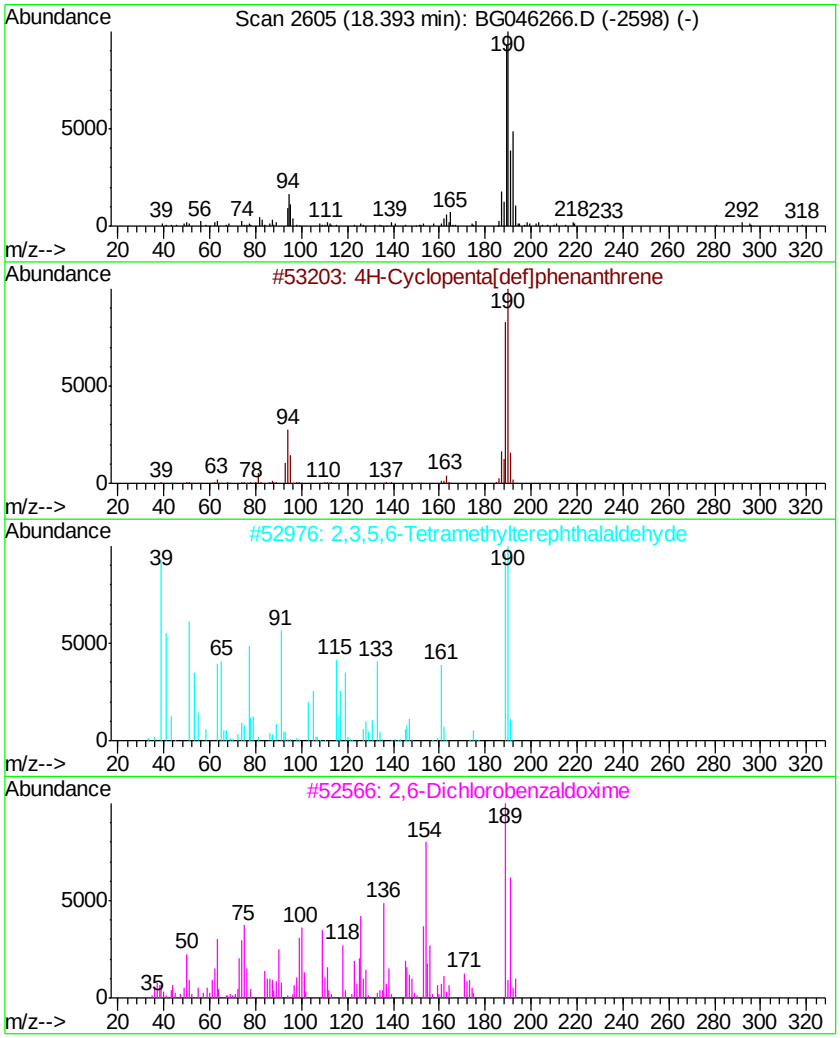
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

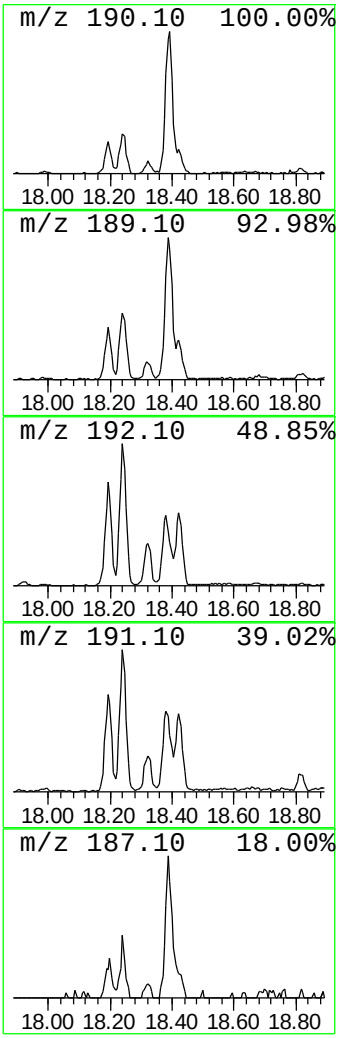
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.30 ng/ul	190140	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Dodecanoic acid, 2,2,2-trichloro...	330	C14H25Cl3O2	1000360-54-3	25





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Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

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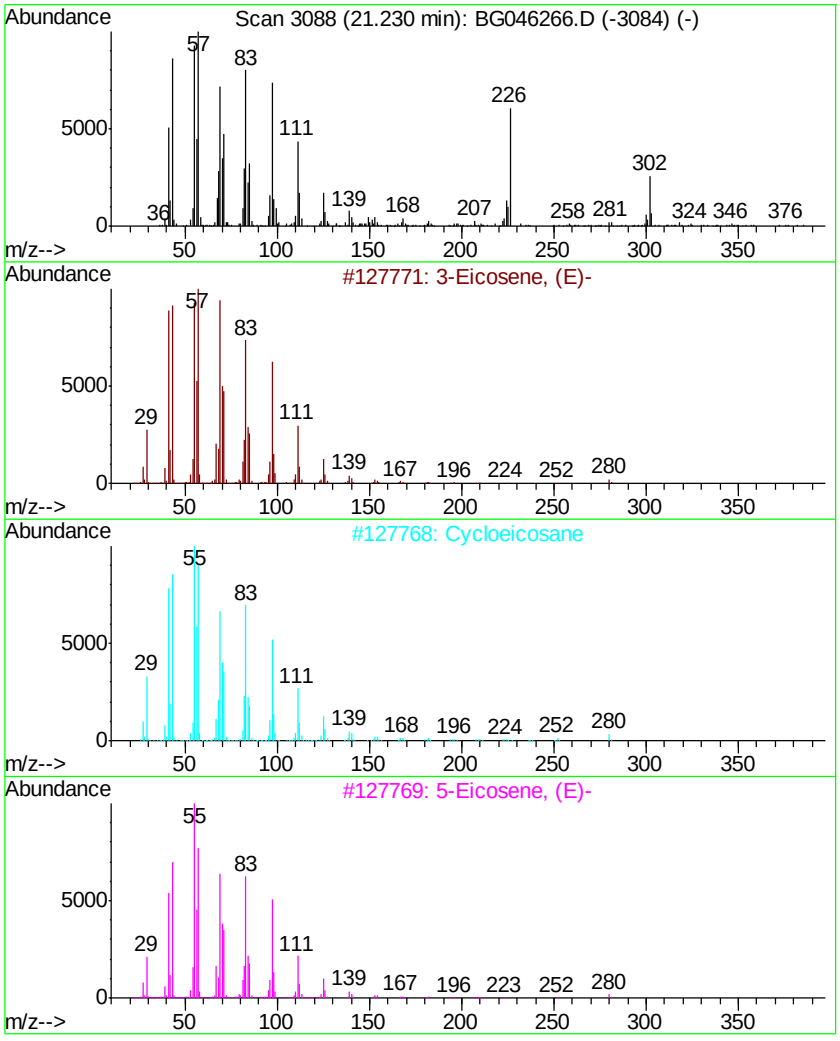
Quant Title : SVOA CALIBRATION

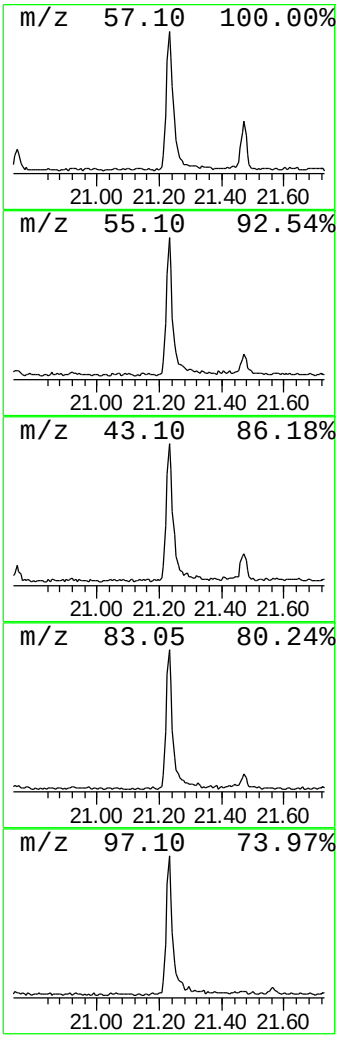
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.74 ng/ul	611749	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Cycloeicosane	280	C20H40	000296-56-0	95
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





Library Search Compound Report

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Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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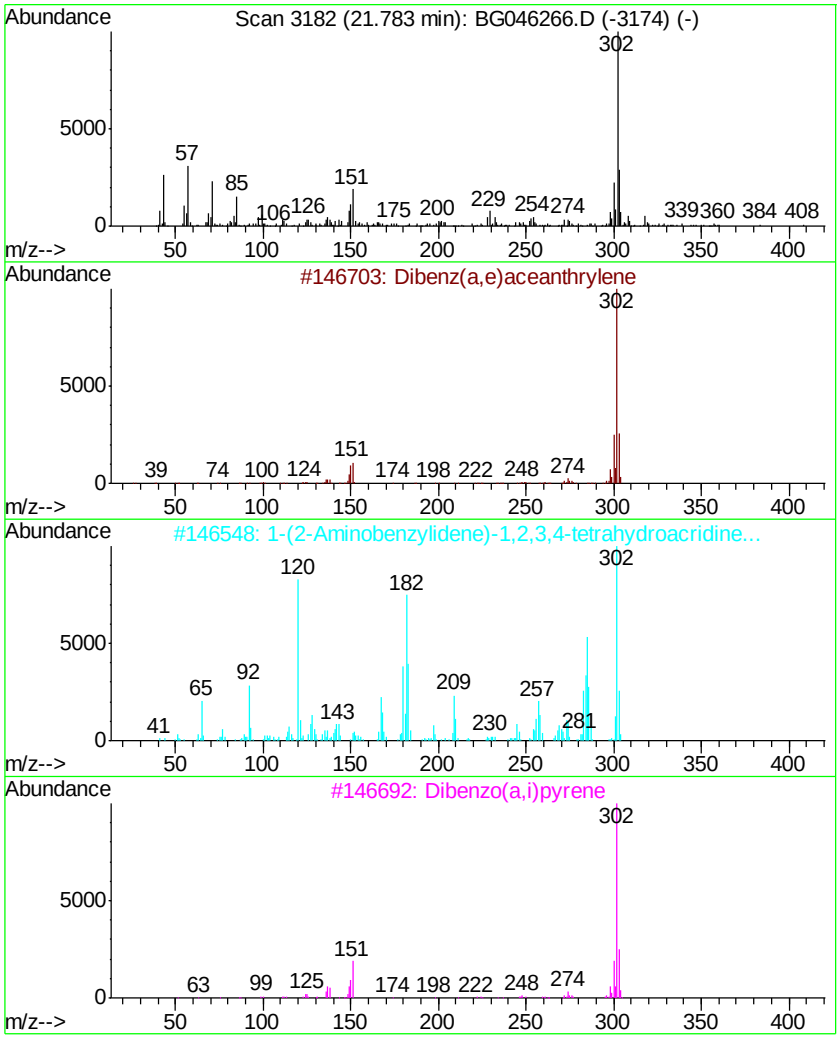
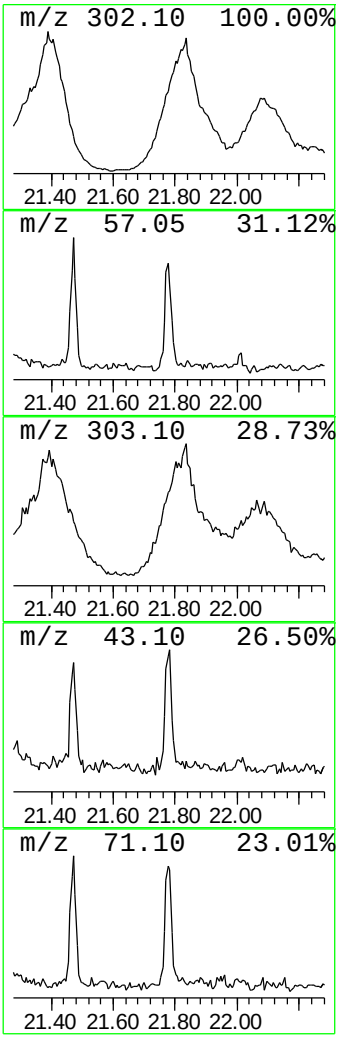
Peak Number 15 Dibenz(a,e)aceanthrylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	2.55 ng/ul	329486	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	96
2	1-(2-Aminobenzylidene)-1,2,3,4-t...	302	C20H18N2O	1000110-40-2	95
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	92
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

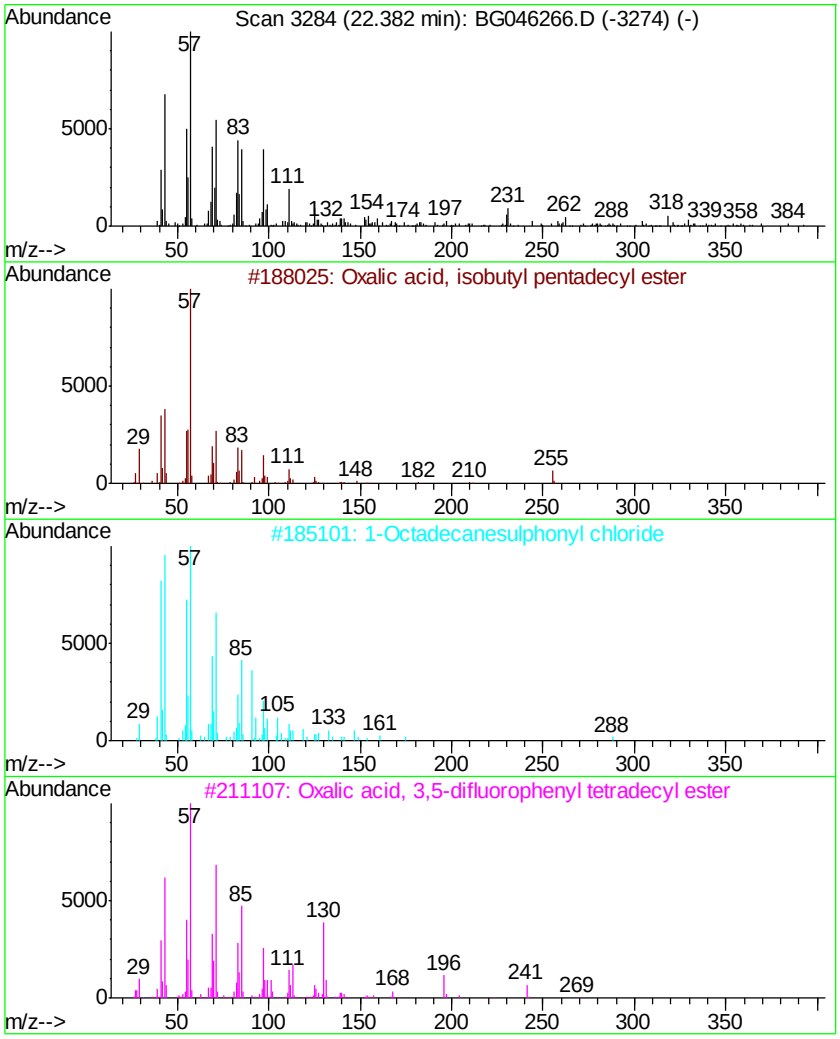
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

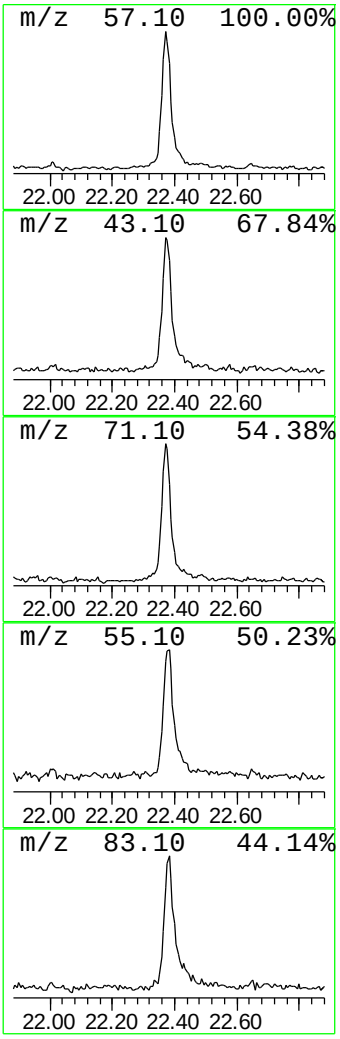
****

Peak Number 16 Oxalic acid, isobutyl penta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	2.80 ng/ul	361254	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	83
3	Oxalic acid, 3,5-difluorophenyl ...	398	C22H32F2O4	1000309-67-8	83
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	74
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

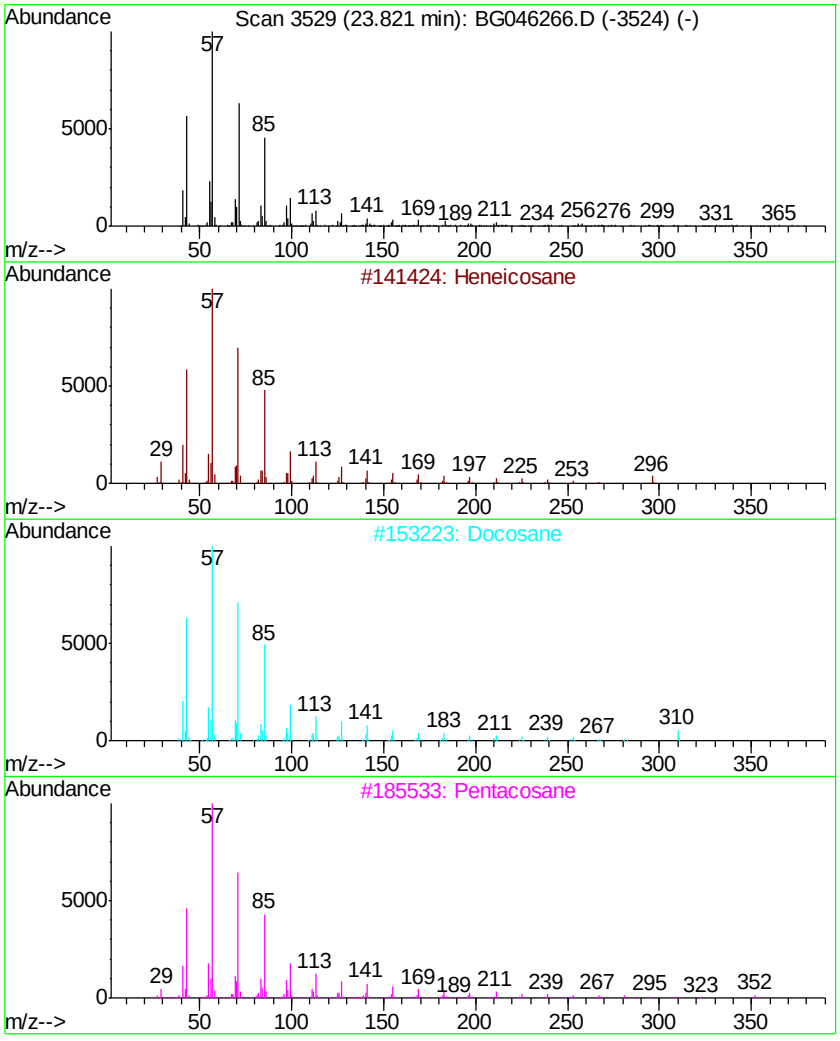
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

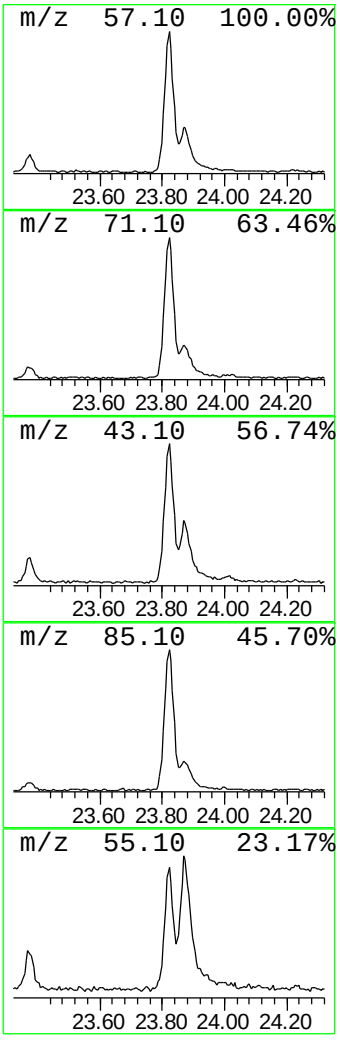
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	6.81 ng/ul	514780	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Docosane	310	C22H46	000629-97-0	95
3	Pentacosane	352	C25H52	000629-99-2	95
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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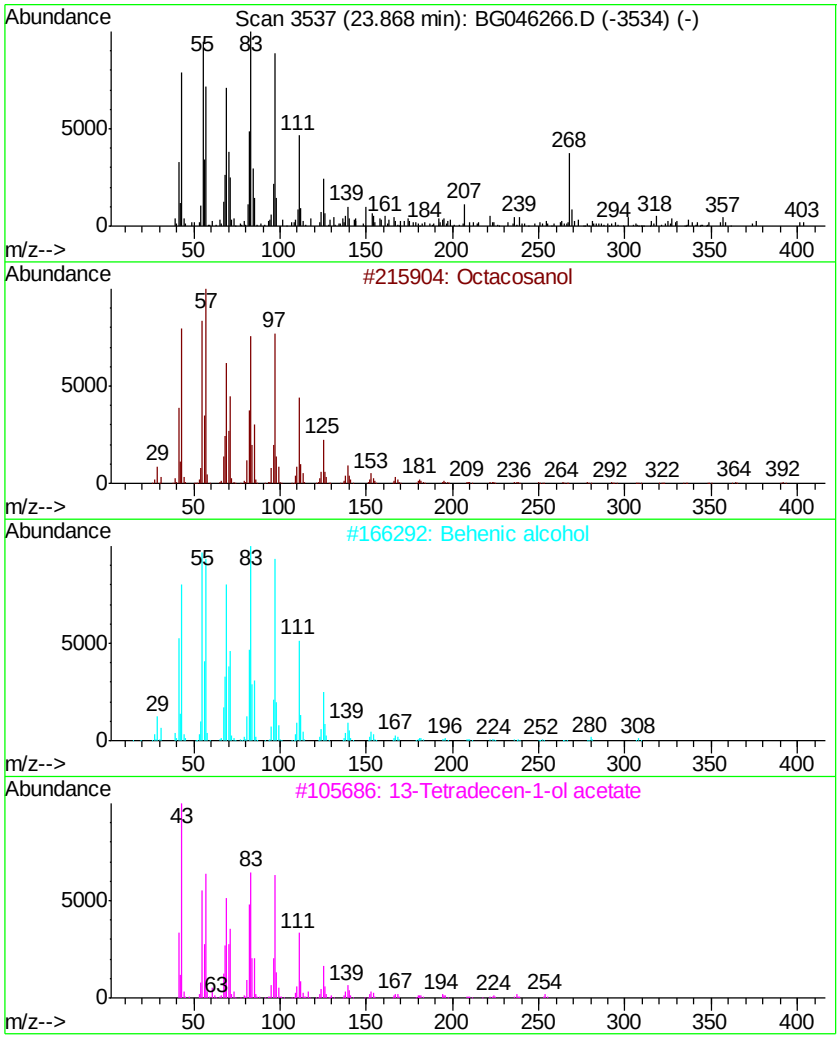
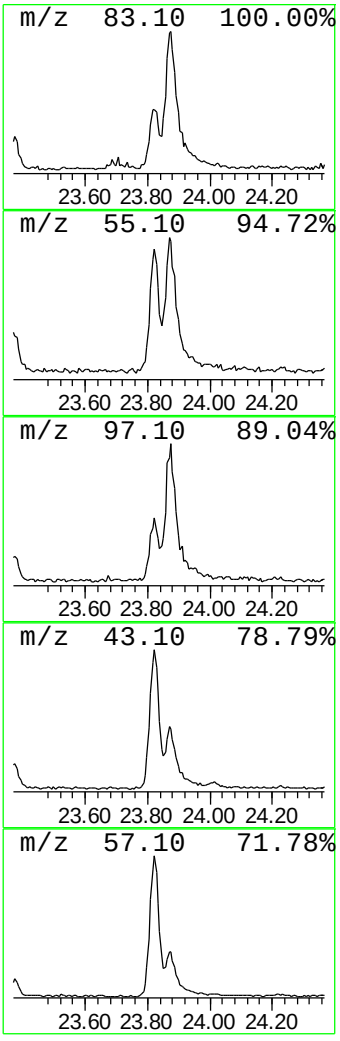
Peak Number 18 Octacosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.58 ng/ul	270677	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	90
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	89
4	Triacontyl acetate	480	C32H64O2	041755-58-2	87
5	1-Heptacosanol	396	C27H56O	002004-39-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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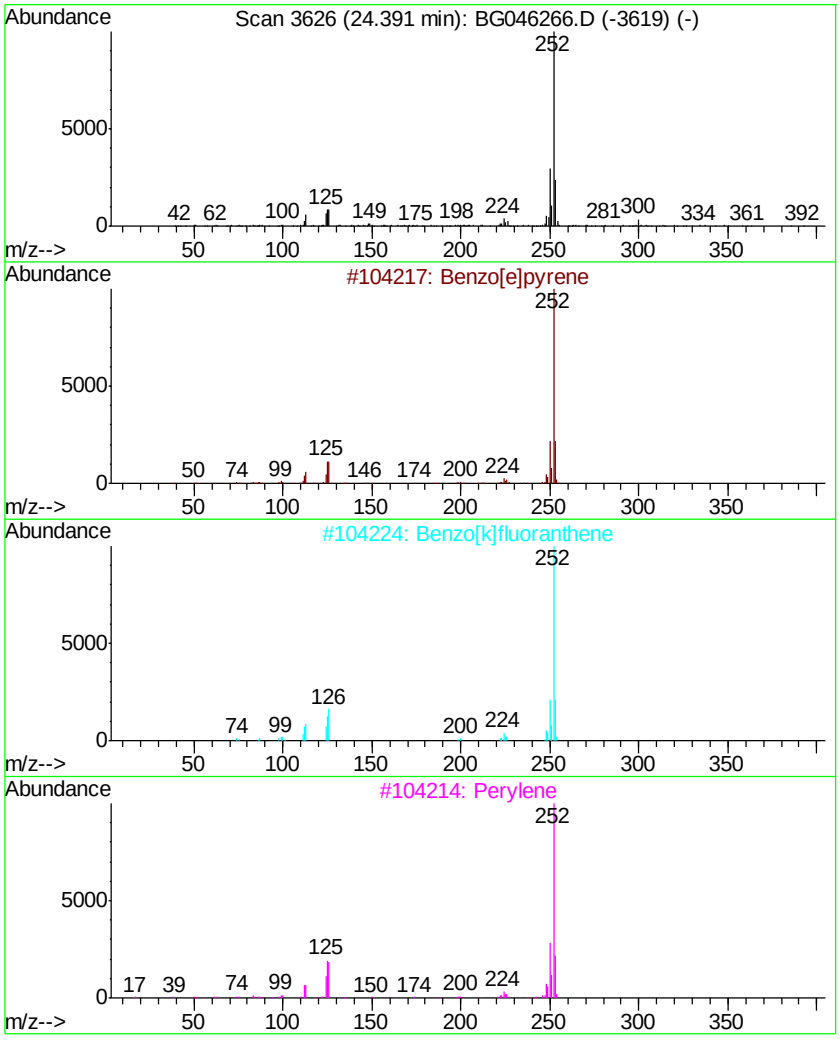
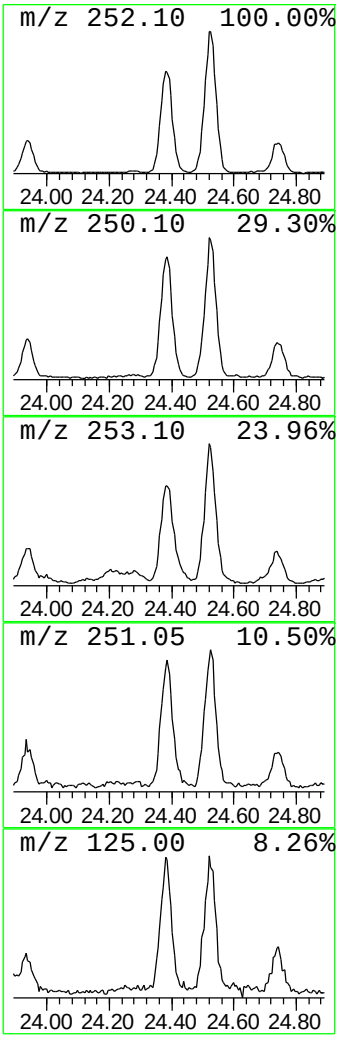
Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	5.35 ng/ul	404736	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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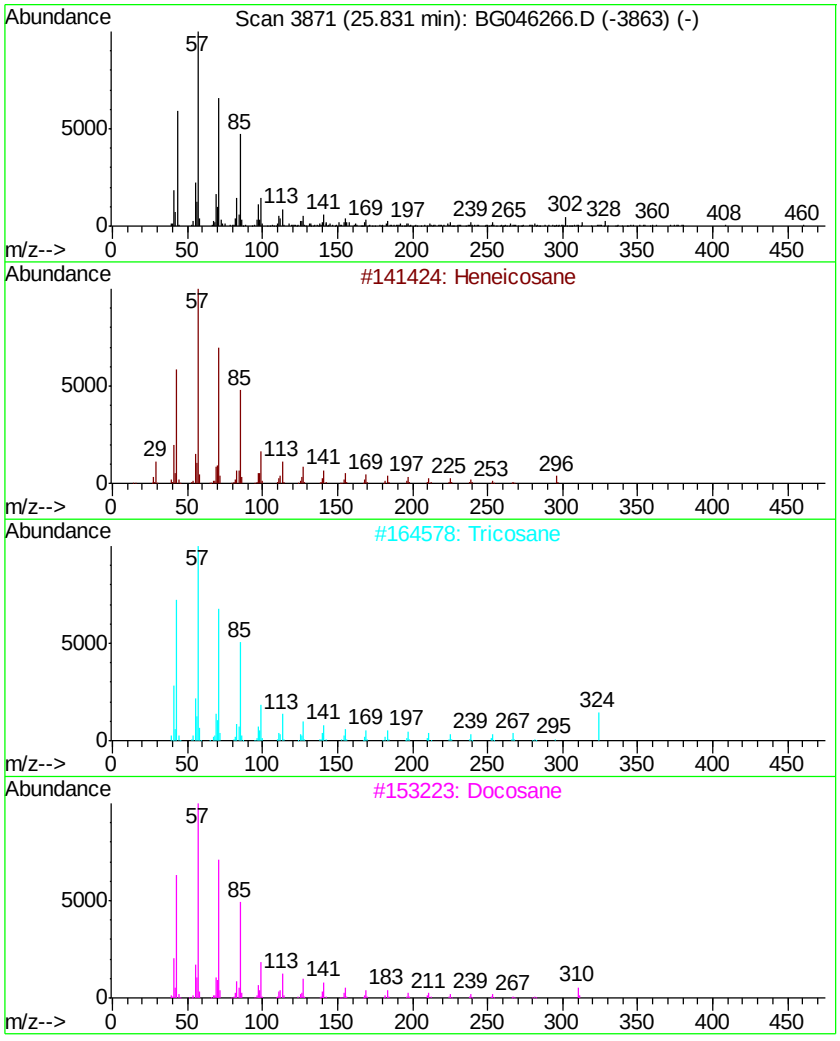
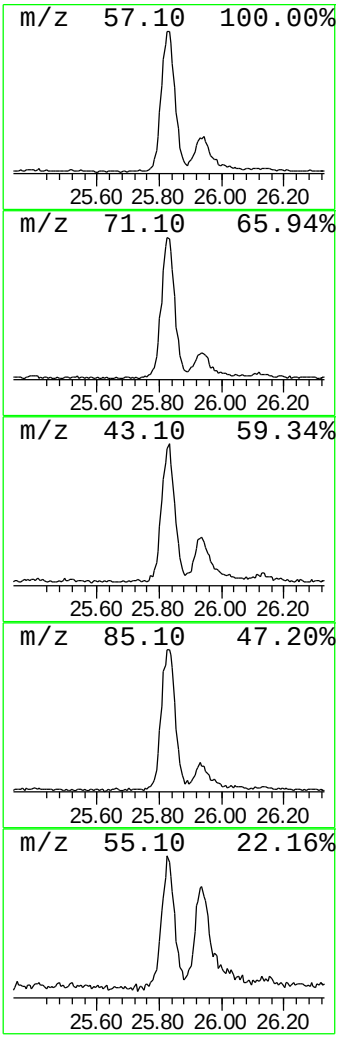
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	7.26 ng/ul	548932	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tricosane	324	C23H48	000638-67-5	94
3	Docosane	310	C22H46	000629-97-0	91
4	Docosane	310	C22H46	000629-97-0	91
5	Tricosane	324	C23H48	000638-67-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046266.D
Acq On : 14 Aug 2020 3:06
Operator : CG/JU
Sample : L3629-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM63

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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
Butane, 2-methoxy...	3.17	65.3	ng/ul	2223810	1	7.95	680908	20.0
4H-Imidazol-4-one...	7.12	7.9	ng/ul	268183	1	7.95	680908	20.0
unknown-01	7.28	6.7	ng/ul	228869	1	7.95	680908	20.0
unknown-02	7.49	8.1	ng/ul	275043	1	7.95	680908	20.0
Silane, dichlorom...	8.65	9.0	ng/ul	305756	1	7.95	680908	20.0
unknown-03	9.10	7.9	ng/ul	270354	1	7.95	680908	20.0
unknown-04	9.83	4.5	ng/ul	221644	2	10.75	986141	20.0
unknown-05	10.88	4.4	ng/ul	219010	2	10.75	986141	20.0
unknown-06	13.98	8.8	ng/ul	611541	3	14.57	1385110	20.0
Dimethyl phthalate	14.03	3.3	ng/ul	226098	3	14.57	1385110	20.0
unknown-07	15.68	2.9	ng/ul	201090	3	14.57	1385110	20.0
n-Hexadecanoic acid	18.22	4.5	ng/ul	373511	4	17.32	1656780	20.0
4H-Cyclopenta[def...	18.39	2.3	ng/ul	190140	4	17.32	1656780	20.0
(DEL) Alkane: Str...	21.23	4.7	ng/ul	611749	5	21.57	2583780	20.0
Dibenz(a,e)aceant...	21.78	2.5	ng/ul	329486	5	21.57	2583780	20.0
Oxalic acid, isob...	22.38	2.8	ng/ul	361254	5	21.57	2583780	20.0
(DEL) Alkane: Str...	23.82	6.8	ng/ul	514780	6	24.67	1511750	20.0
Octacosanol	23.87	3.6	ng/ul	270677	6	24.67	1511750	20.0
Benzo[e]pyrene	24.39	5.3	ng/ul	404736	6	24.67	1511750	20.0
(DEL) Alkane: Str...	25.83	7.3	ng/ul	548932	6	24.67	1511750	20.0