LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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	3.168	7	13	38	rVB	1791338	3703825	100.00%	13.128%
2	3.426	53	57	65	rVB3	9596	16739	0.45%	0.059%
3	4.072	161	167	172	rBV	17386	30547	0.82%	0.108%
4	4.161	177	182	187	rBV4	5421	9538	0.26%	0.034%
5	4.384	216	220	226	rVB2	11601	17976	0.49%	0.064%
6	4.783	285	288	300	rVB5	5959	11992	0.32%	0.043%
7	5.065	331	336	343	rBV	12319	20681	0.56%	0.073%
8	7.116	678	685	697	rBV	193067	351379	9.49%	1.245%
9	7.281	704	713	724	rBV	162301	284540	7.68%	1.009%
10	7.486	741	748	758	rBV	204104	356800	9.63%	1.265%
11	7.950	820	827	836	rBV	411864	708248	19.12%	2.510%
12	8.649	939	946	959	rBV	242833	426872	11.53%	1.513%
13	8.773	961	967	972	rVB3	8436	14843	0.40%	0.053%
14	9.102	1015	1023	1036	rBV	192547	339573	9.17%	1.204%
15	9.825	1139	1146	1155	rBV	154073	280551	7.57%	0.994%
16	10.365	1230	1238	1249	rBV	257193	451687	12.20%	1.601%
17	10.747	1294	1303	1317	rBV	573466	1047992	28.29%	3.715%
18	10.876	1317	1325	1336	rBV	205783	387828	10.47%	1.375%
19	12.404	1578	1585	1592	rVB4	4217	8116	0.22%	0.029%
20	13.896	1835	1839	1844	rVV2	5558	8335	0.23%	0.030%
21	13.979	1844	1853	1858	rVV	486838	707988	19.12%	2.509%
22	14.026	1858	1861	1868	rVV	109393	149924	4.05%	0.531%
23	14.266	1892	1902	1915	rBV	544442	871431	23.53%	3.089%
24	14.572	1944	1954	1961	rBV	913565	1463258	39.51%	5.187%
25	14.642	1963	1966	1970	rVB3	5577	8203	0.22%	0.029%
26	14.766	1979	1987	1999	rBV2	108764	233738	6.31%	0.828%
27	14.971	2018	2022	2027	rBV2	6396	12571	0.34%	0.045%
28	15.565	2115	2123	2130	rBV	742548	1096432	29.60%	3.886%
29	15.618	2130	2132	2136	rVV3	9631	12857	0.35%	0.046%
30	15.677	2136	2142	2151	rVV	172492	263972	7.13%	0.936%
31	15.806	2157	2164	2169	rBV3	9429	14378	0.39%	0.051%
32	15.917	2175	2183	2189	rBV4	7249	14388	0.39%	0.051%
33	16.058	2200	2207	2213	rBV4	6665	14250	0.38%	0.051%
34	16.293	2243	2247	2251	rVV5	5726	9097	0.25%	0.032%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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	16.346	2251	2256	2261	rVV2	9775	16926	0.46%	0.060%
36	16.852	2338	2342	2346	rBV4	6387	10111	0.27%	0.036%
37	16.969	2358	2362	2372	rVB3	12269	22743	0.61%	0.081%
38	17.104	2378	2385	2387	rVV7	6417	14993	0.40%	0.053%
39	17.140	2387	2391	2396	rVB3	6657	10065	0.27%	0.036%
40	17.216	2401	2404	2410	rBV5	7430	11859	0.32%	0.042%
41	17.316	2412	2421	2426	rBV	1176531	1798095	48.55%	6.373%
42	17.357	2426	2428	2432	rVV	163346	196847	5.31%	0.698%
43	17.416	2432	2438	2449	rVV2	741789	1159219	31.30%	4.109%
44	17.510	2449	2454	2461	rVV5	7786	13441	0.36%	0.048%
45	17.715	2480	2489	2493	rBV2	13079	26069	0.70%	0.092%
46	17.762	2493	2497	2501	rVB7	4694	8015	0.22%	0.028%
47	17.833	2505	2509	2514	rVB5	9350	15928	0.43%	0.056%
48	17.892	2514	2519	2524	rBV7	9565	20242	0.55%	0.072%
49	18.215	2560	2574	2583	rBV2	108273	304492	8.22%	1.079%
50	18.285	2583	2586	2589	rVV	17398	24687	0.67%	0.088%
51	18.315	2589	2591	2597	rVB2	12531	17224	0.47%	0.061%
52	18.385	2597	2603	2607	rBV2	43814	88461	2.39%	0.314%
53	18.420	2607	2609	2617	rVB2	28619	38753	1.05%	0.137%
54	18.509	2621	2624	2626	rBV4	7582	9984	0.27%	0.035%
55	18.691	2650	2655	2657	rVV	30098	43086	1.16%	0.153%
56	18.726	2657	2661	2666	rVV2	35344	55335	1.49%	0.196%
57	18.773	2667	2669	2673	rVB3	7994	8263	0.22%	0.029%
58	18.937	2693	2697	2701	rVB5	11849	14689	0.40%	0.052%
59	18.984	2701	2705	2708	rBV2	12541	15012	0.41%	0.053%
60	19.020	2708	2711	2716	rVB6	10528	16097	0.43%	0.057%
61	19.102	2719	2725	2730	rBV3	41771	77071	2.08%	0.273%
62	19.155	2730	2734	2735	rBV4	12227	16285	0.44%	0.058%
63	19.243	2744	2749	2757	rVB	30861	54328	1.47%	0.193%
64	19.366	2760	2770	2777	rBV	373830	549477	14.84%	1.948%
65	19.431	2777	2781	2784	rBV4	8015	14610	0.39%	0.052%
66	19.490	2784	2791	2792	rBV7	18519	30338	0.82%	0.108%
67	19.560	2799	2803	2806	rBV3	14388	27724	0.75%	0.098%
68	19.695	2820	2826	2830	rBV2	1003126	1618080	43.69%	5.735%
69	19.801	2840	2844	2848	rBV2	17308	27946	0.75%	0.099%
70	19.842	2848	2851	2855	rVB3	19068	23258	0.63%	0.082%
71	19.907	2857	2862	2864	rBV	20195	31727	0.86%	0.112%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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	19.924	2864	2865	2868	rVV2	17833	14412	0.39%	0.051%
73	19.960	2869	2871	2876	rVB	22589	28461	0.77%	0.101%
74	20.042	2880	2885	2893	rBV5	46999	123069	3.32%	0.436%
75	20.183	2905	2909	2911	rBV2	29588	43747	1.18%	0.155%
76	20.218	2911	2915	2918	rVV2	61473	92698	2.50%	0.329%
77	20.254	2919	2921	2924	rVB3	18236	16282	0.44%	0.058%
78	20.318	2929	2932	2935	rVV2	24754	33146	0.89%	0.117%
79	20.371	2937	2941	2945	rVV2	47331	92283	2.49%	0.327%
80	20.406	2945	2947	2952	rVB2	46509	59968	1.62%	0.213%
81	20.512	2962	2965	2968	rBV	25305	32957	0.89%	0.117%
82	20.571	2970	2975	2979	rVV3	45942	75763	2.05%	0.269%
83	20.741	3002	3004	3007	rVB3	19414	18346	0.50%	0.065%
84	20.782	3007	3011	3014	rBV6	18262	27973	0.76%	0.099%
85	20.970	3039	3043	3048	rVB	53018	80644	2.18%	0.286%
86	21.053	3054	3057	3064	rVB2	30859	44627	1.20%	0.158%
87	21.147	3067	3073	3078	rBV2	35458	85667	2.31%	0.304%
88	21.194	3078	3081	3083	rBV2	33045	43008	1.16%	0.152%
89	21.229	3083	3087	3094	rVV3	314038	460958	12.45%	1.634%
90	21.470	3125	3128	3135	rVB3	54975	79506	2.15%	0.282%
91	21.564	3135	3144	3149	rVV	1229896	2309660	62.36%	8.187%
92	21.605	3149	3151	3159	rVB	174554	238473	6.44%	0.845%
93	21.775	3177	3180	3184	rBV2	53439	62129	1.68%	0.220%
94	22.375	3278	3282	3289	rVB2	102234	194493	5.25%	0.689%
95	23.038	3391	3395	3401	rVB	88891	144617	3.90%	0.513%
96	23.685	3498	3505	3512	rBV2	114410	371659	10.03%	1.317%
97	23.820	3522	3528	3533	rBV2	121288	246765	6.66%	0.875%
98	24.454	3628	3636	3643	rBV	458959	1127188	30.43%	3.995%
99	24.672	3663	3673	3680	rBV2	735748	1990055	53.73%	7.054%
100	25.823	3862	3869	3879	rVB2	105891	292034	7.88%	1.035%

Sum of corrected areas: 28212617

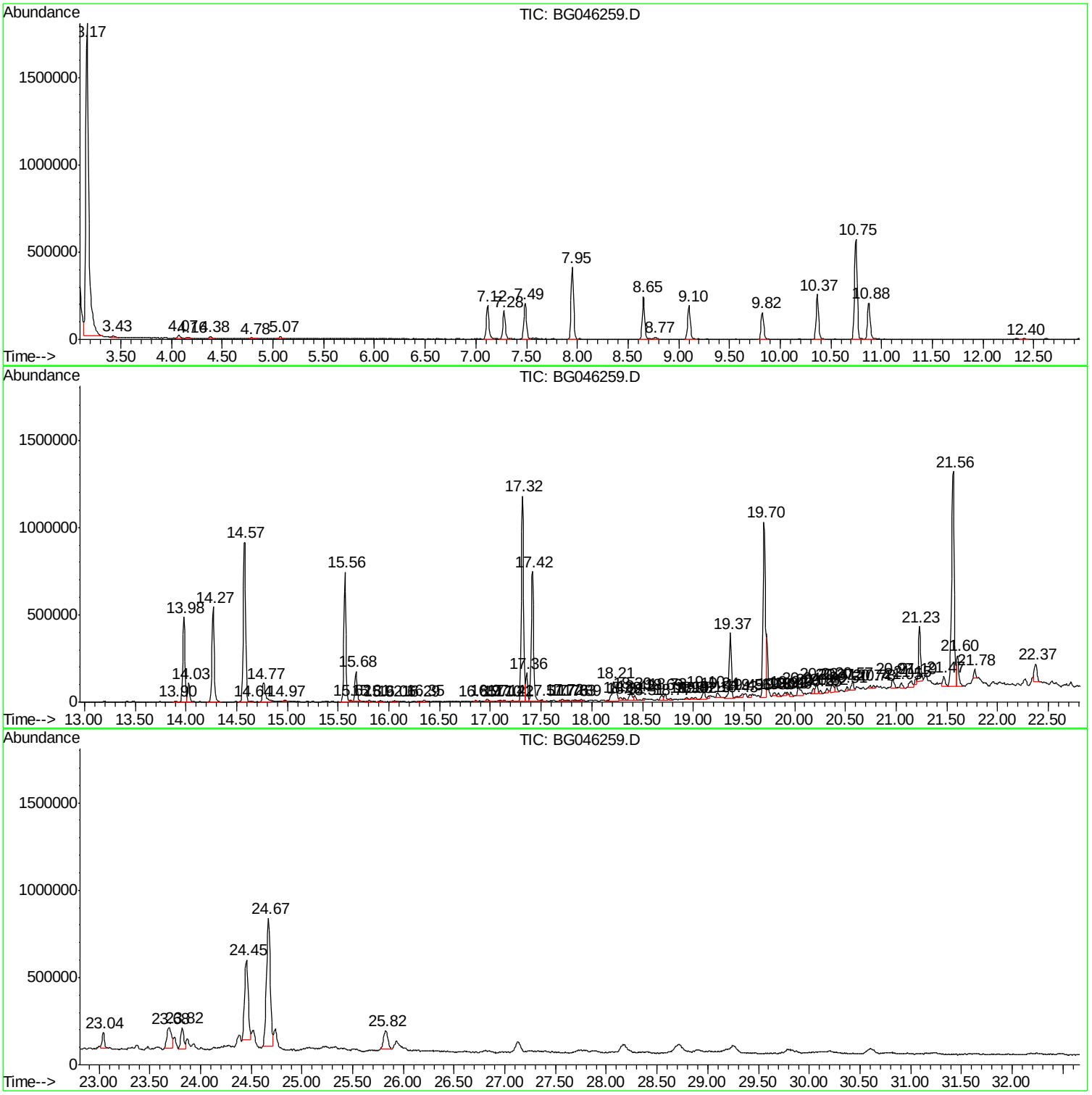
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

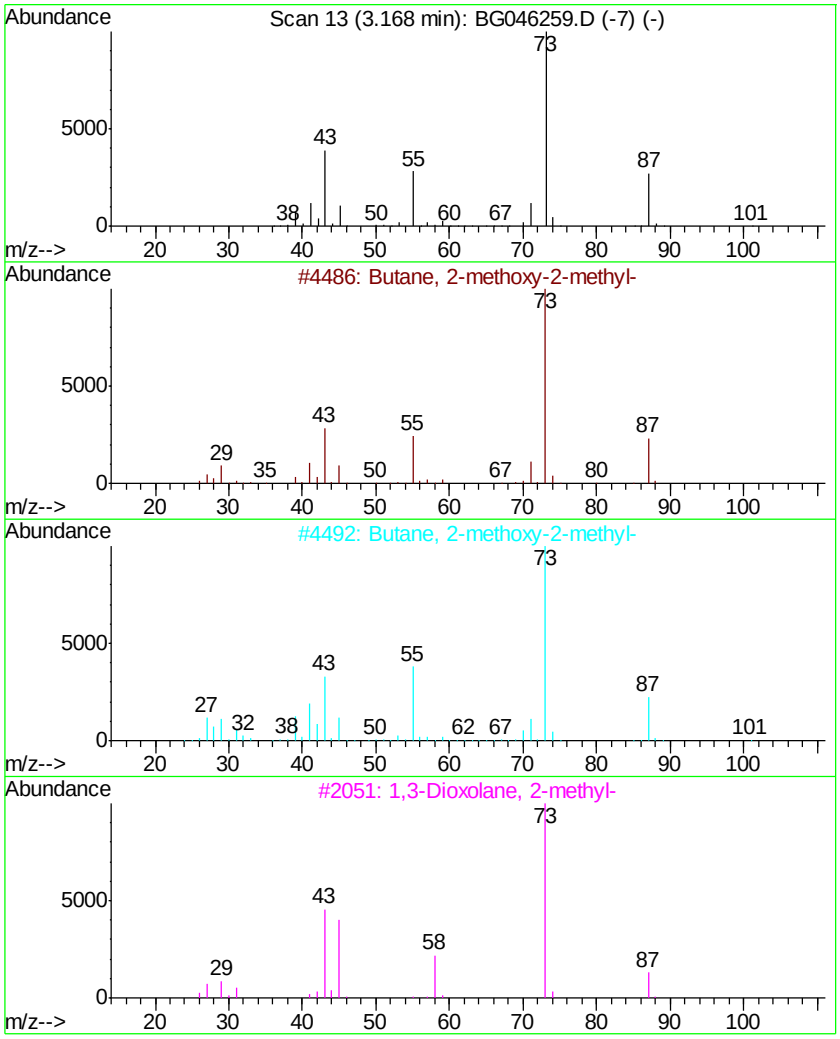
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

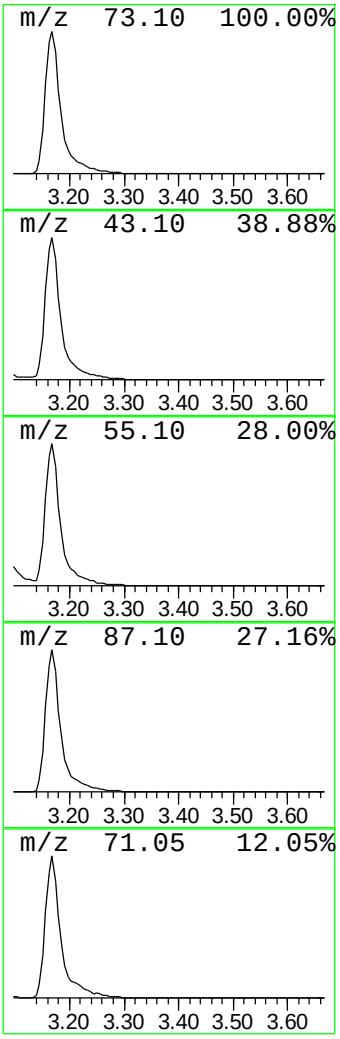
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	104.59 ng/ul	3703830	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	72
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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

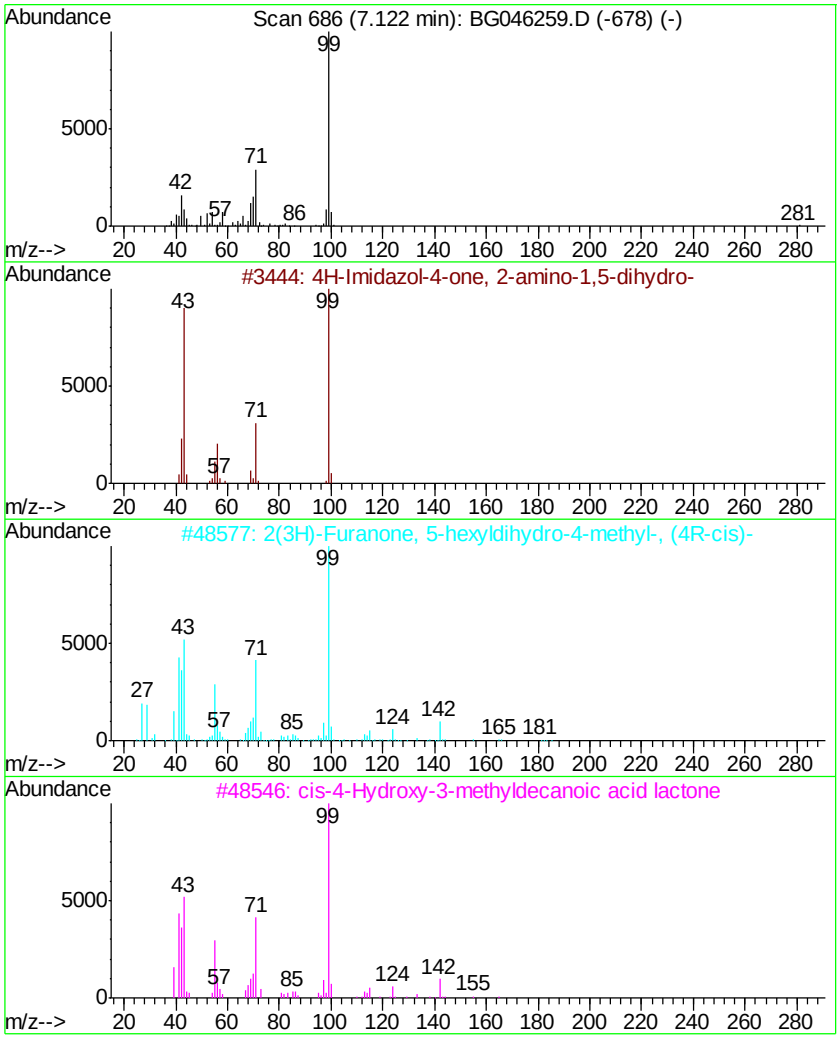
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

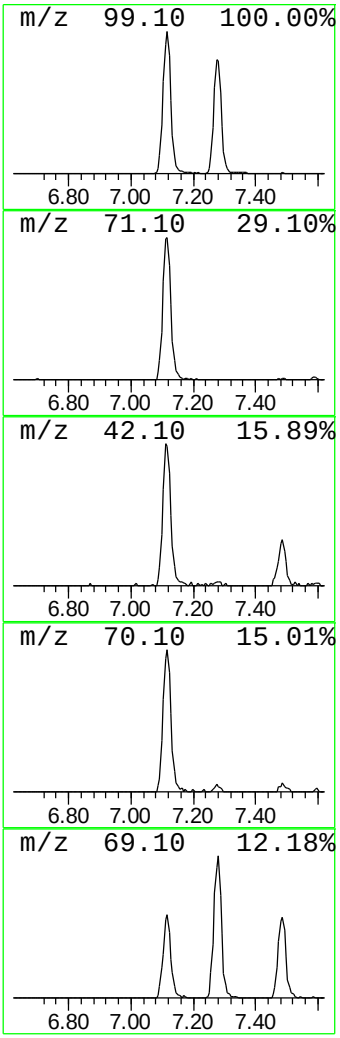
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	9.92 ng/ul	351379	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	72
2	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
3	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
4	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	56
5	Phenol-d6-	100	C6D6O	013127-88-3	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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

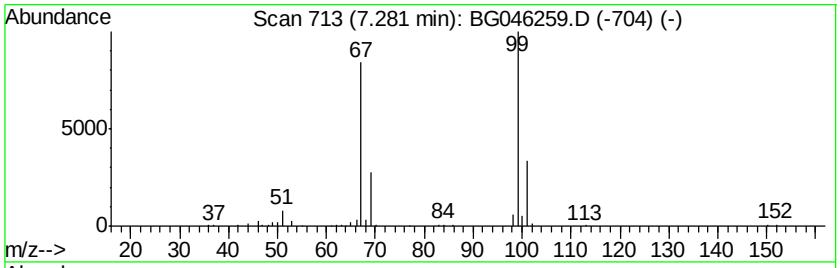
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

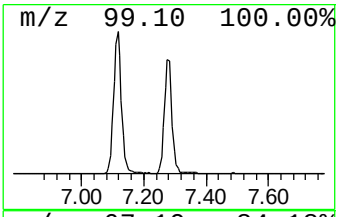
****

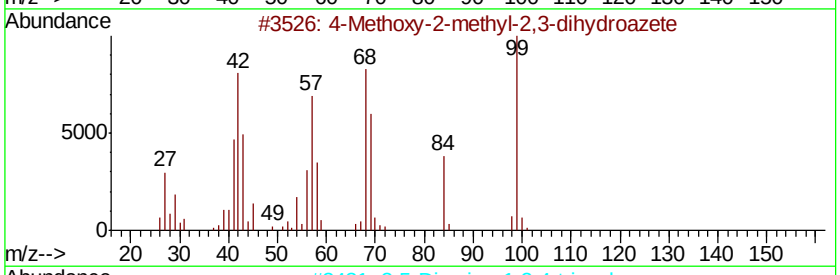
Peak Number 3 unknown-01 Concentration Rank 7

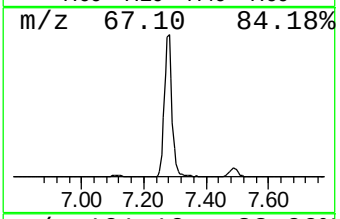
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	8.04 ng/ul	284540	1,4-Dichlorobenzene-d4	7.95

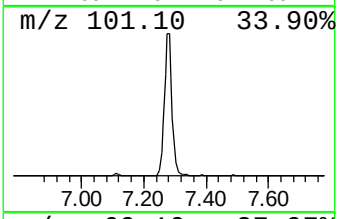
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-2-methyl-2,3-dihydroazete	99	C5H9NO	1000194-07-0	27
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	7

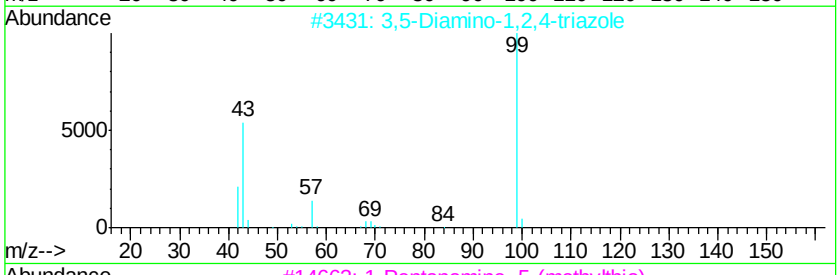


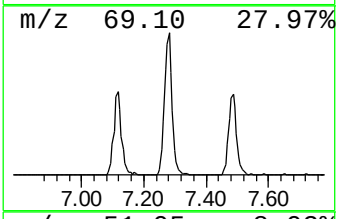


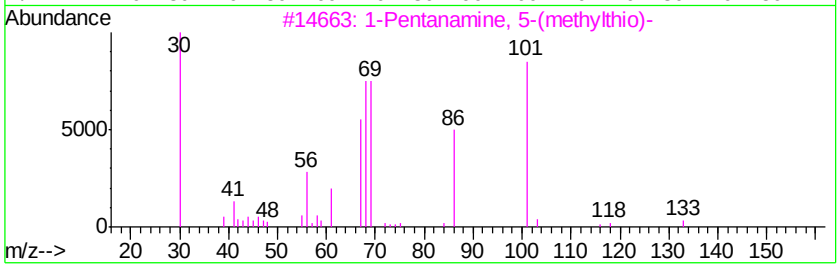


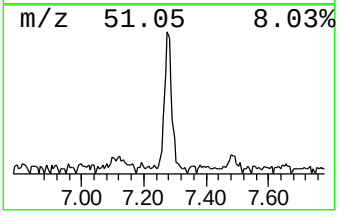












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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

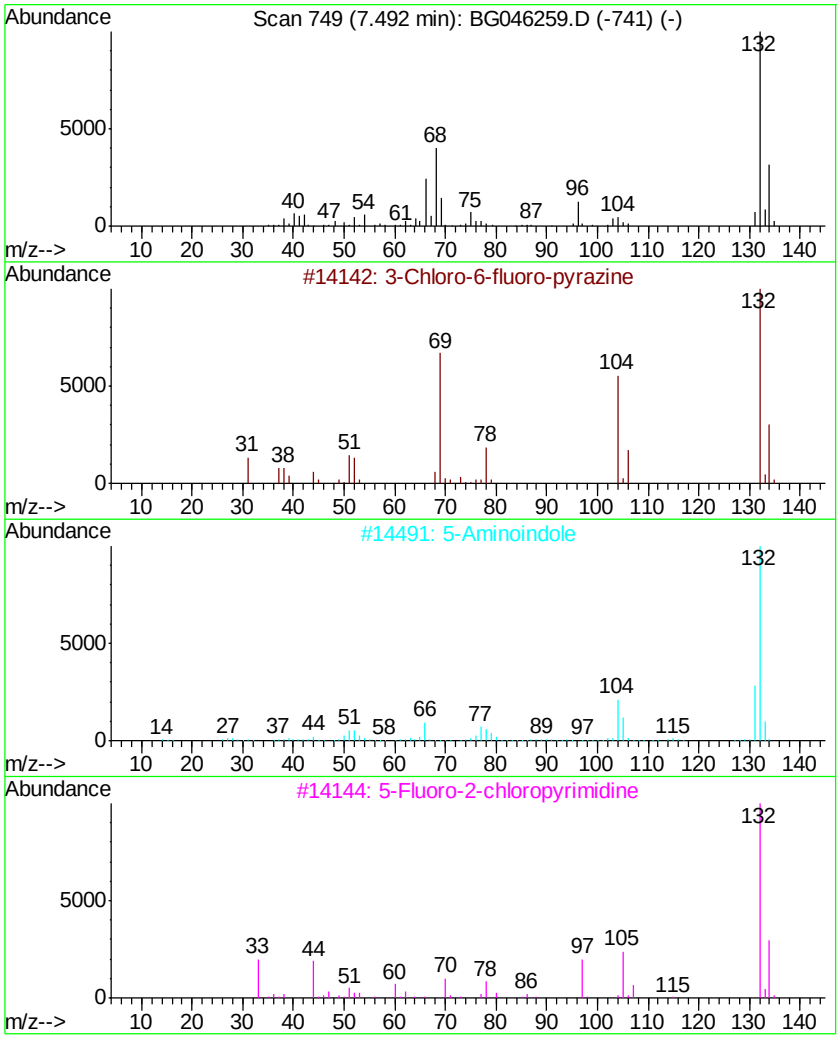
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

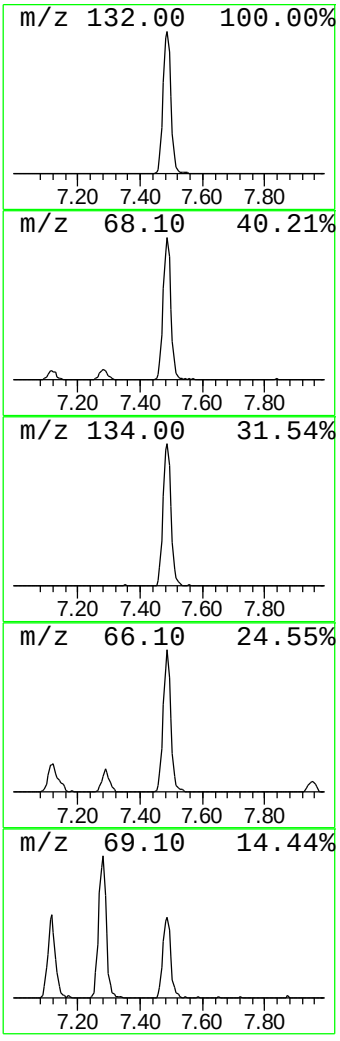
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	10.08 ng/ul	356800	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

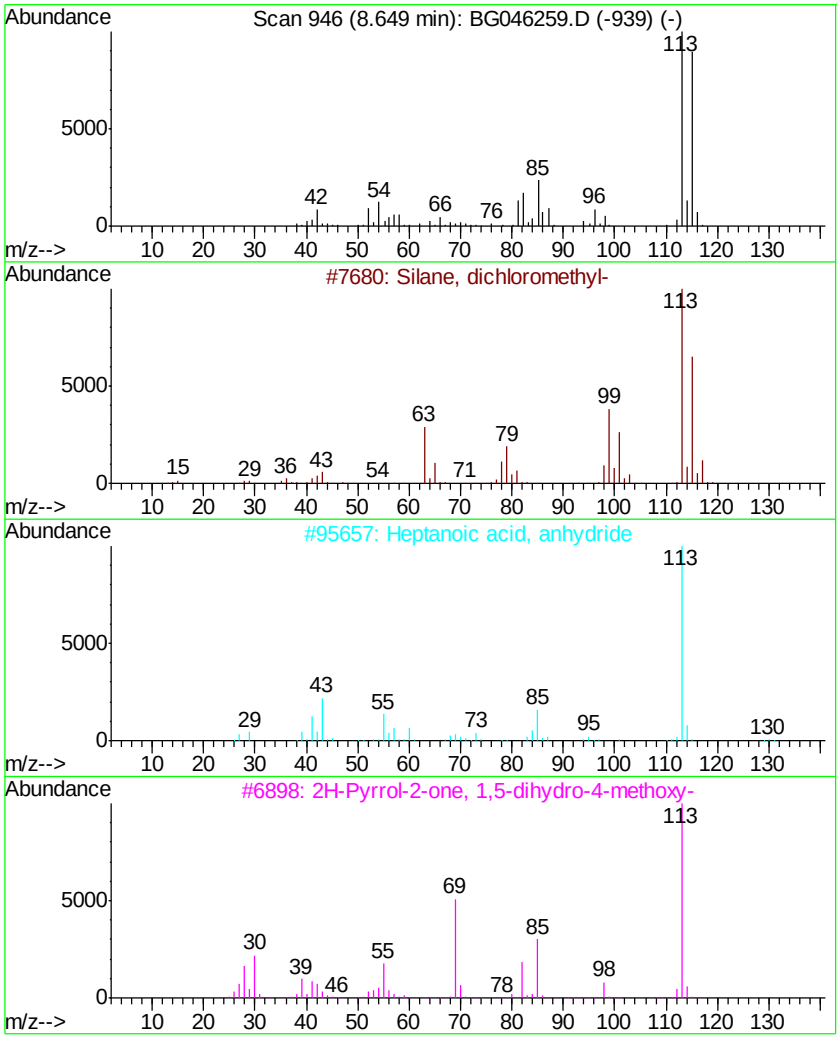
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

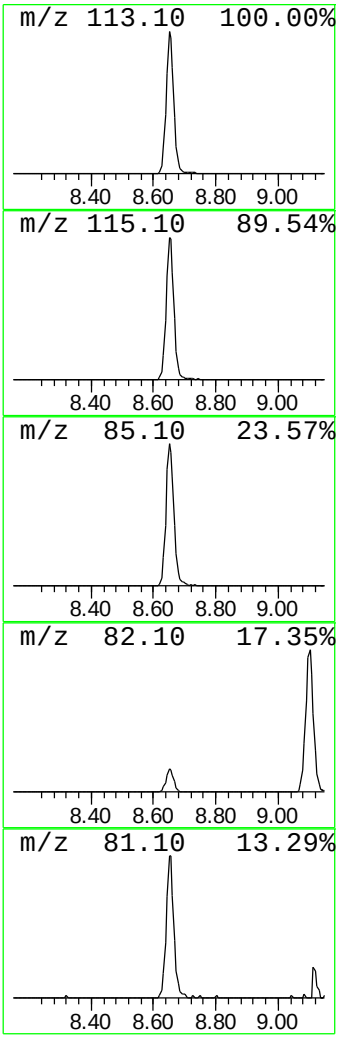
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Silane, dichloromethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	12.05 ng/ul	426872	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	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	38
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
4	5-Oxohexanethioic acid, S-t-butv...	202	C10H18O2S	1000194-60-8	32
5	1,3-Dioxepane, 5-methyl-2-pentad...	326	C21H42O2	056599-34-9	27





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Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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

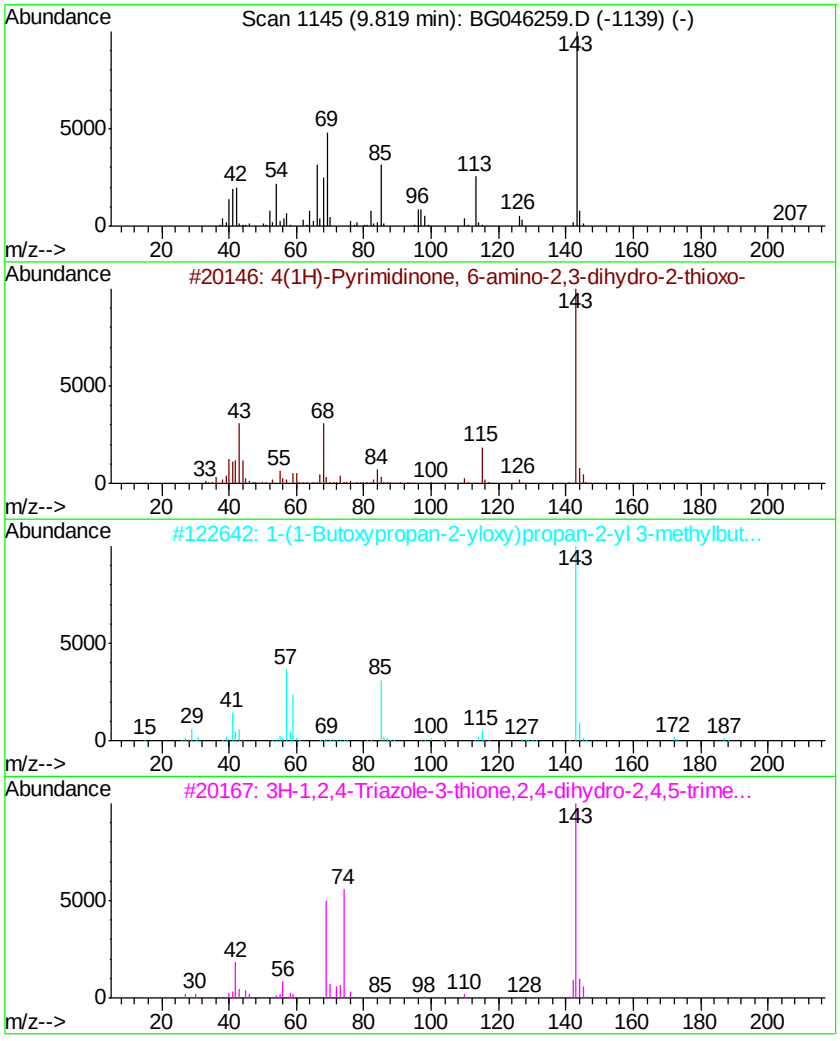
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

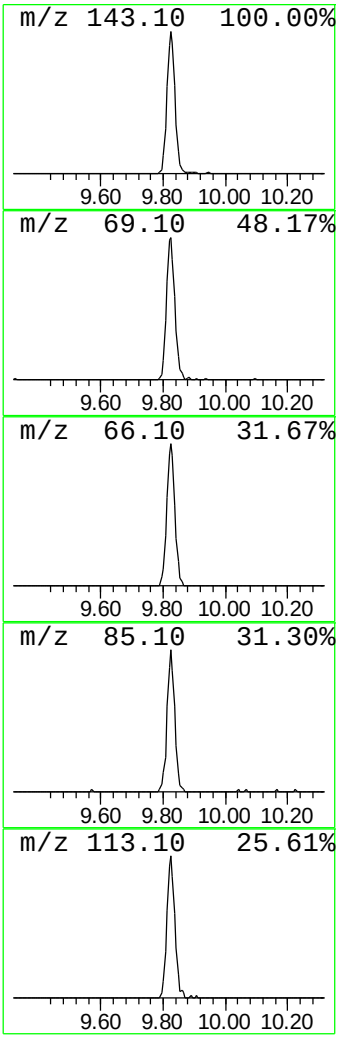
****

Peak Number 7 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.35 ng/ul	280551	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	27
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	27
3	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	22
4	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
5	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	14





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Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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

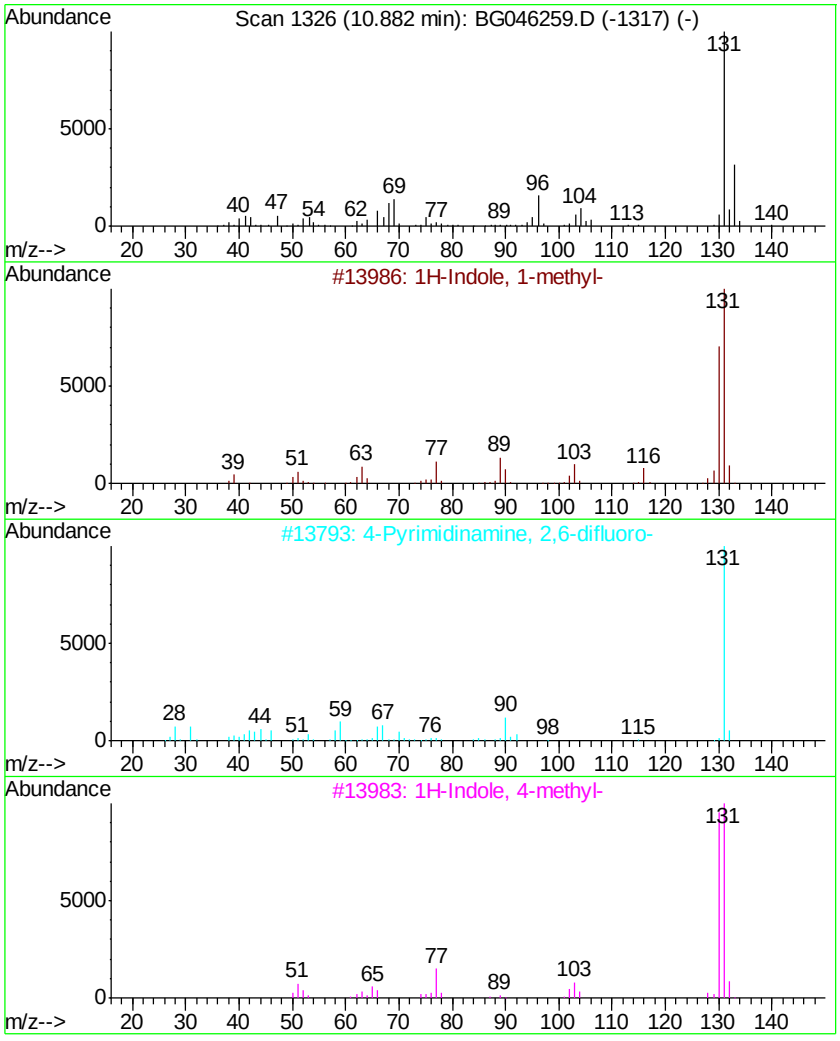
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

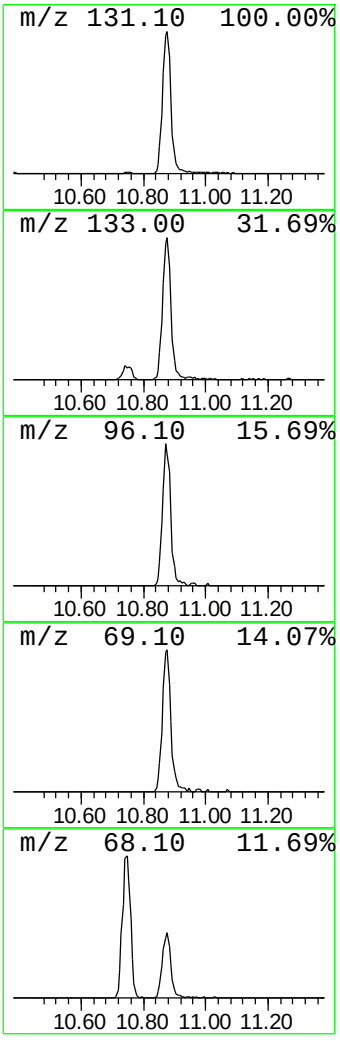
****

Peak Number 8 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	7.40 ng/ul	387828	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
2	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
3	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	9
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	7





Library Search Compound Report

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Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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

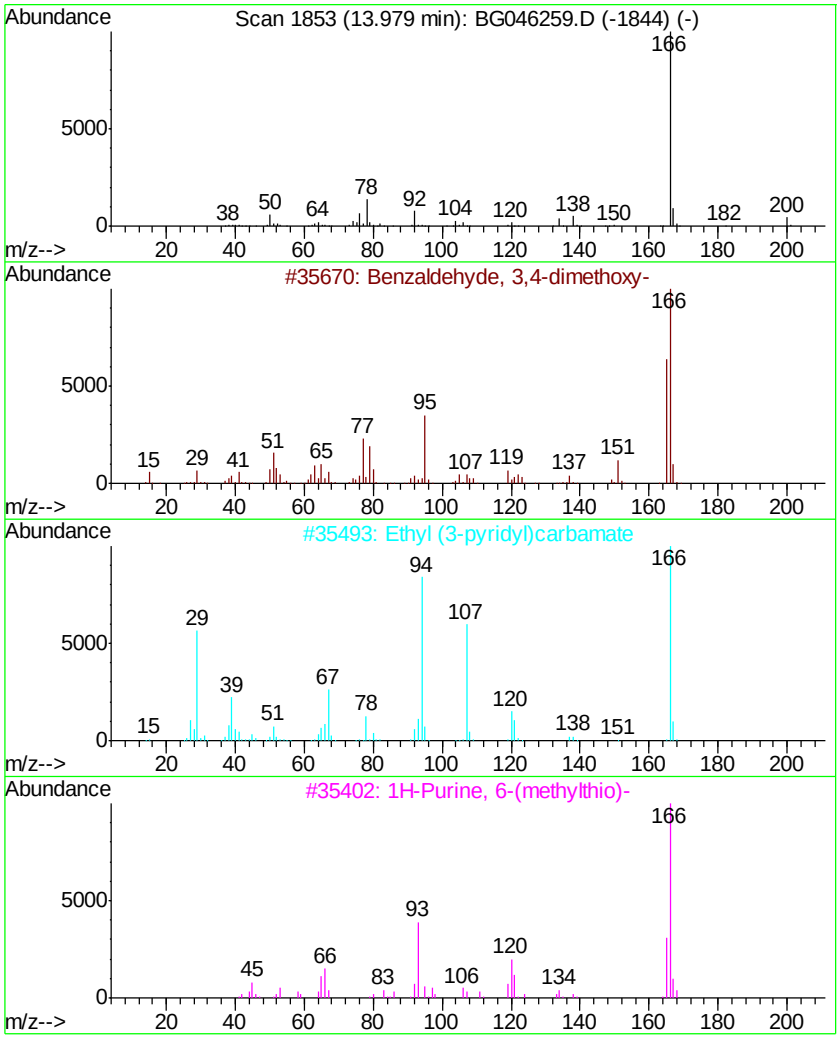
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

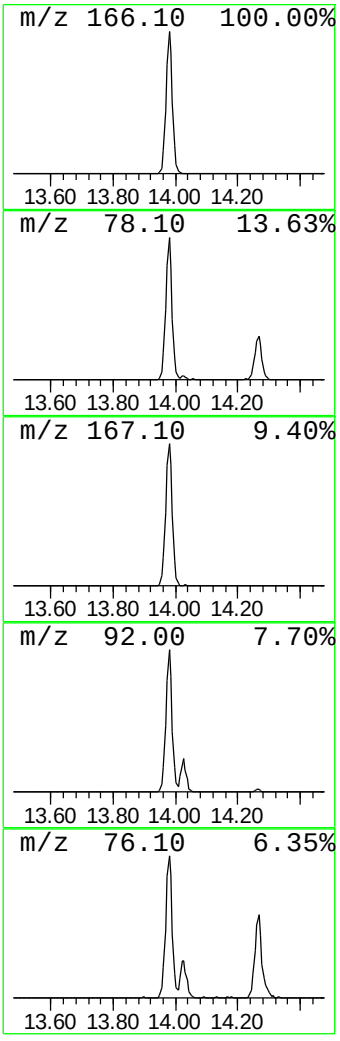
****

Peak Number 9 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	9.68 ng/ul	707988	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	42
3	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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Quant Title : SVOA CALIBRATION

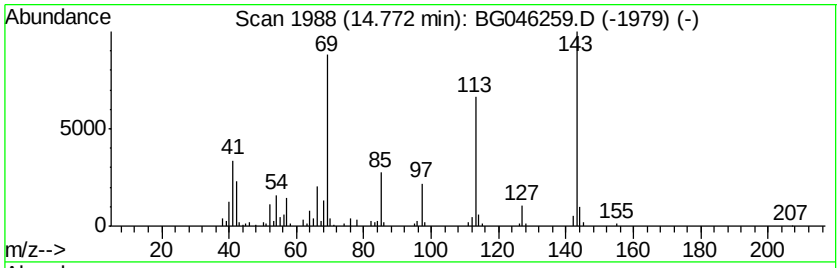
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

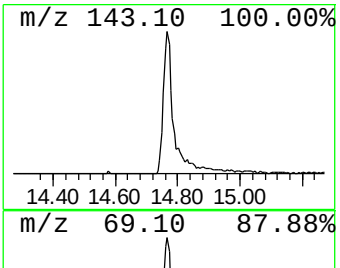
****

Peak Number 11 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.19 ng/ul	233738	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	22
2	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	12
3	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	12
4	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	12
5	Glutaric acid, docosyl ethyl ester	468	C29H56O4	1000359-69-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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

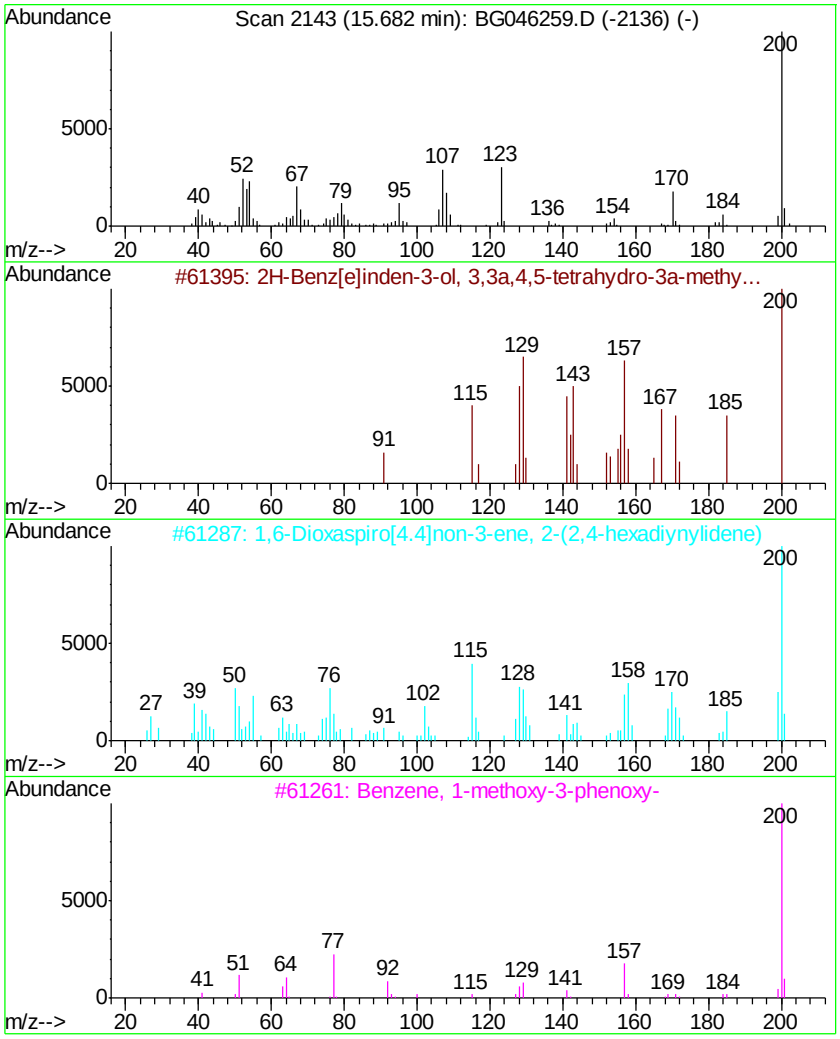
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

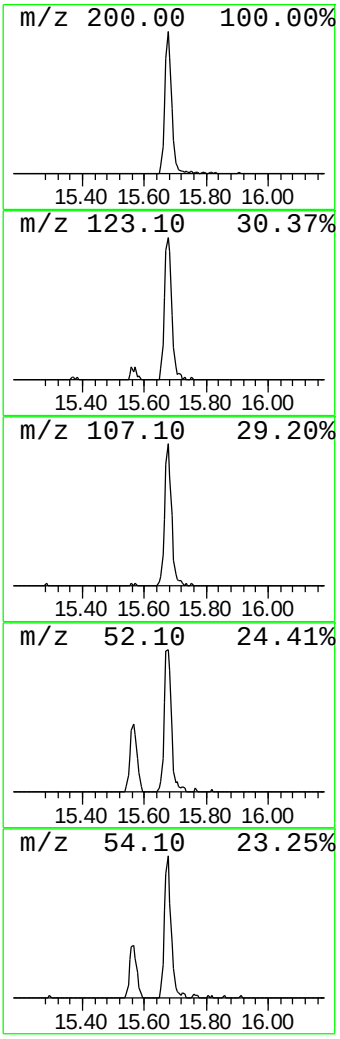
****

Peak Number 12 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.61 ng/ul	263972	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	35
2	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	16
3	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
4	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
5	D-Norleucine, N-neopentyloxycarb...	455	C27H53NO4	1000344-14-0	14





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Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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Quant Title : SVOA CALIBRATION

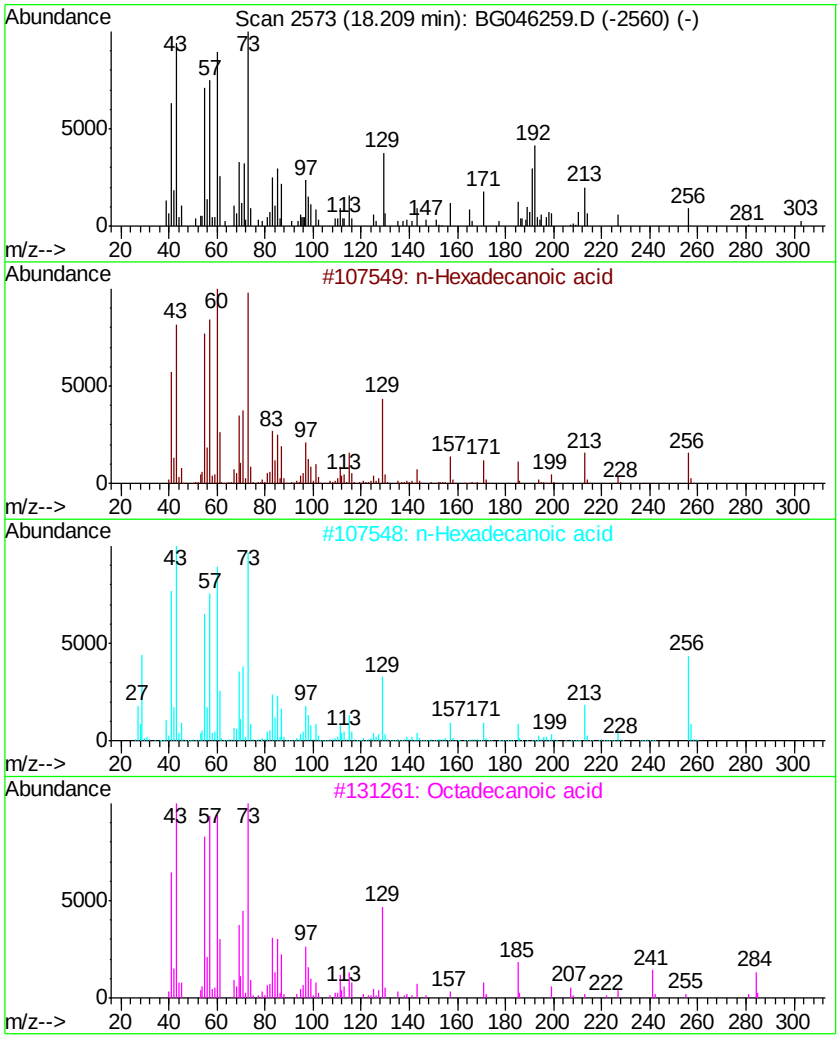
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

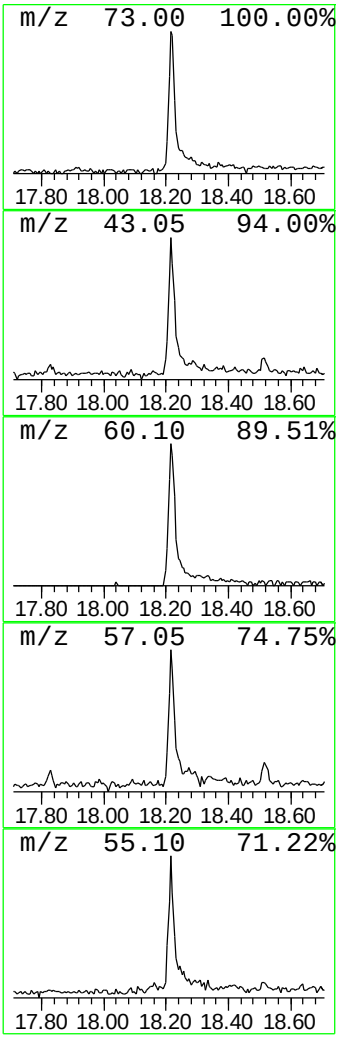
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.39 ng/ul	304492	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	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Misc :
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Instrument : BNA_G
ClientSampleId : BFM49

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Quant Title : SVOA CALIBRATION

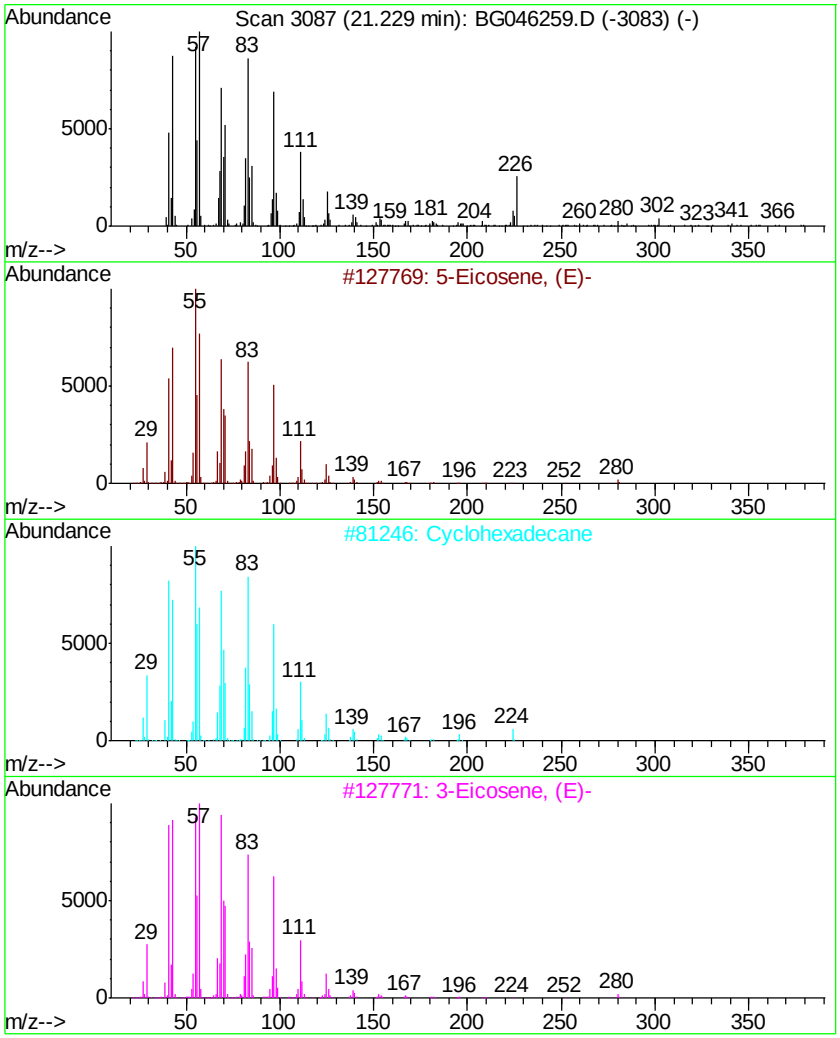
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

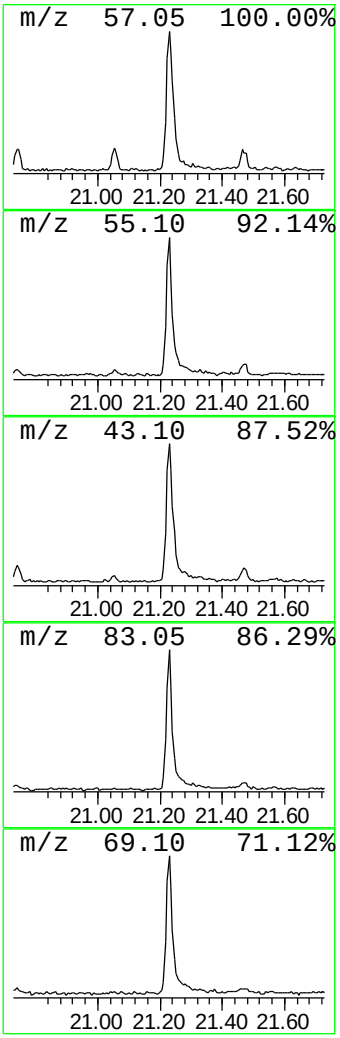
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.99 ng/ul	460958	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93





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Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

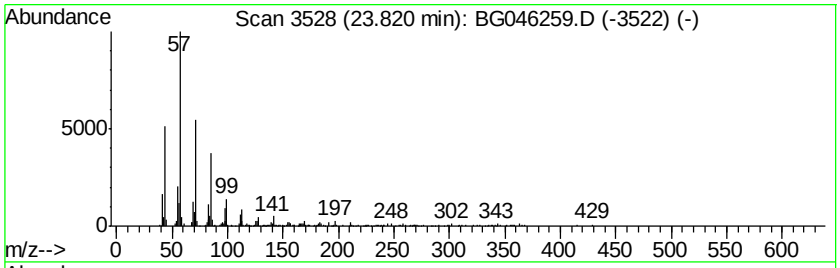
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

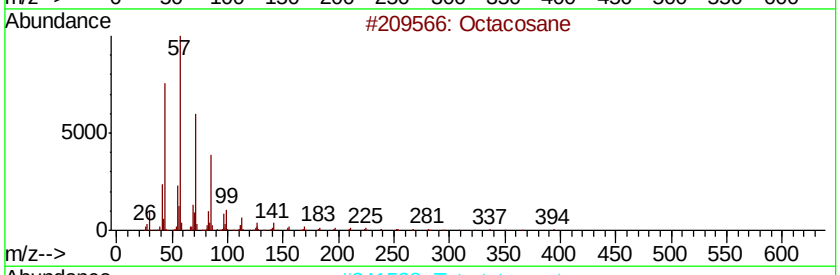
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

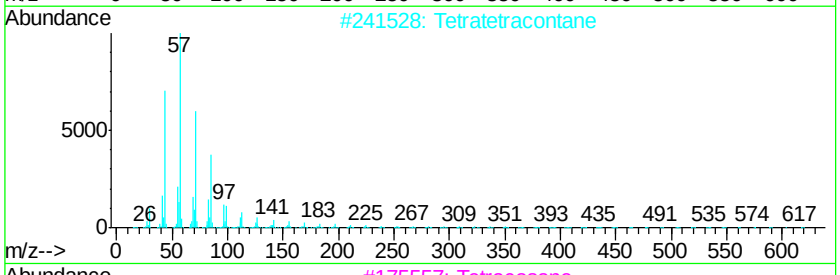
****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 15

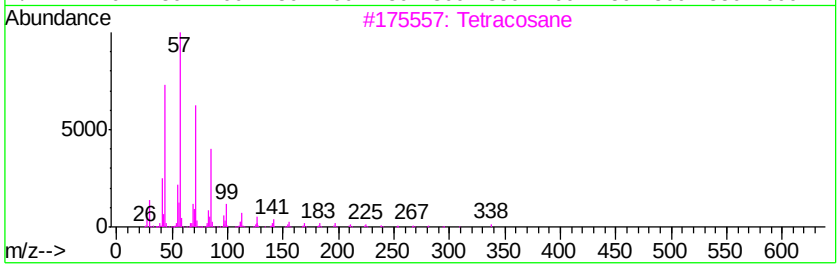
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.48 ng/ul	246765	Perylene-d12	24.67

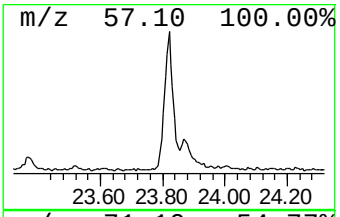
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Tetracosane	338	C24H50	000646-31-1	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hentriacontane	437	C31H64	000630-04-6	83

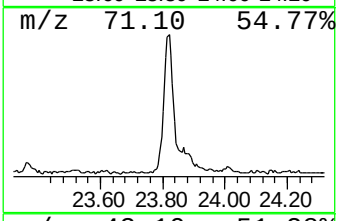


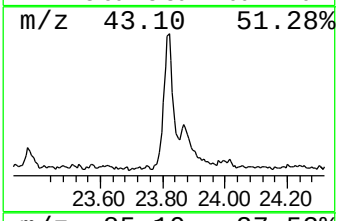


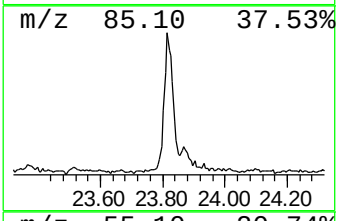


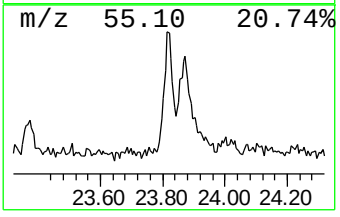












Library Search Compound Report

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Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

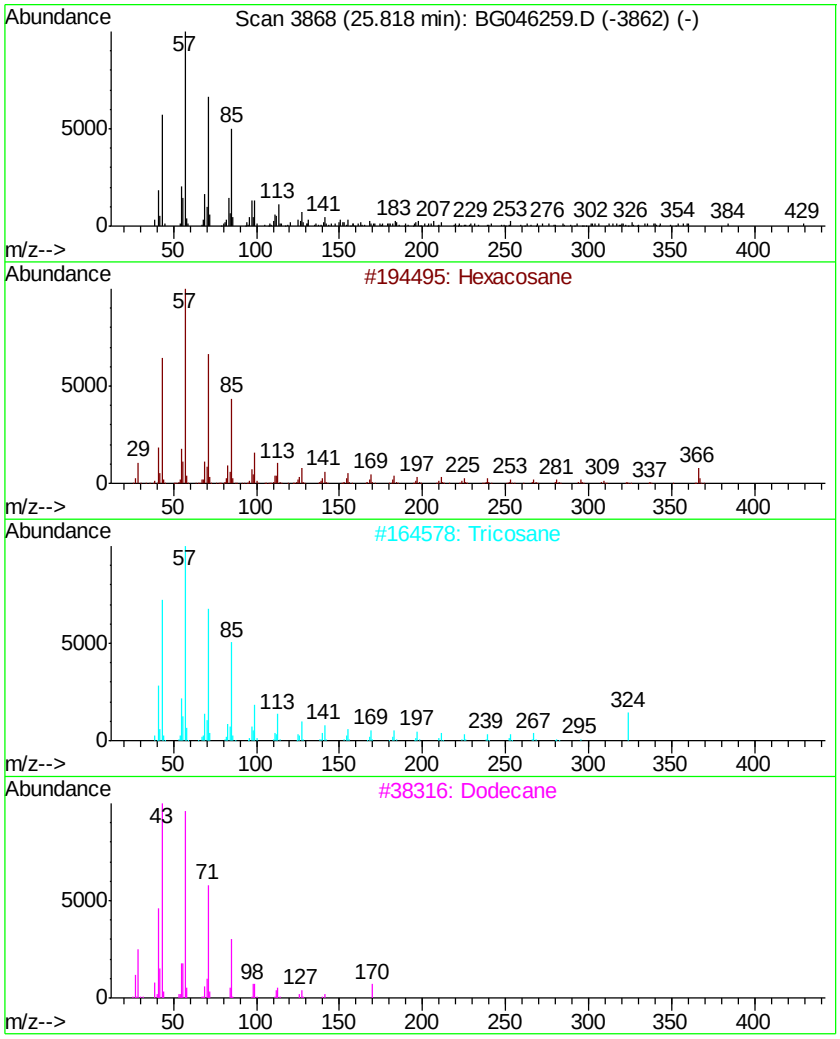
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

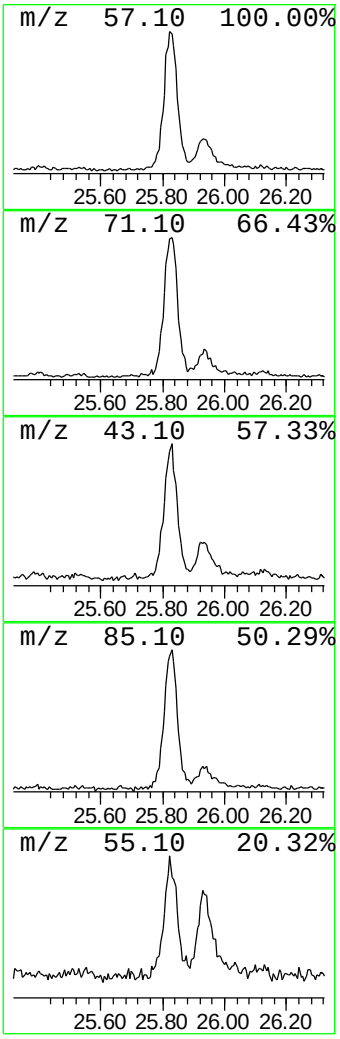
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	2.93 ng/ul	292034	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	97
2	Tricosane	324	C23H48	000638-67-5	94
3	Dodecane	170	C12H26	000112-40-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

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	104.6	ng/ul	3703830	1	7.95	708248	20.0
4H-Imidazol-4-one...	7.12	9.9	ng/ul	351379	1	7.95	708248	20.0
unknown-01	7.28	8.0	ng/ul	284540	1	7.95	708248	20.0
unknown-02	7.49	10.1	ng/ul	356800	1	7.95	708248	20.0
Silane, dichlorom...	8.65	12.1	ng/ul	426872	1	7.95	708248	20.0
unknown-03	9.82	5.3	ng/ul	280551	2	10.75	1047990	20.0
unknown-04	10.88	7.4	ng/ul	387828	2	10.75	1047990	20.0
unknown-05	13.98	9.7	ng/ul	707988	3	14.57	1463260	20.0
unknown-06	14.77	3.2	ng/ul	233738	3	14.57	1463260	20.0
unknown-07	15.68	3.6	ng/ul	263972	3	14.57	1463260	20.0
n-Hexadecanoic acid	18.21	3.4	ng/ul	304492	4	17.32	1798100	20.0
(DEL) Alkane: Str...	21.23	4.0	ng/ul	460958	5	21.56	2309660	20.0
(DEL) Alkane: Str...	23.82	2.5	ng/ul	246765	6	24.67	1990060	20.0
(DEL) Alkane: Str...	25.82	2.9	ng/ul	292034	6	24.67	1990060	20.0