LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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	3.145	5	10	34	rVB	1362697	2275079	100.00%	9.086%
2	3.398	50	53	58	rVB3	6524	9253	0.41%	0.037%
3	3.821	121	125	130	rBV2	8824	13148	0.58%	0.053%
4	3.915	136	141	150	rBV	45029	68022	2.99%	0.272%
5	3.991	150	154	159	rVV5	5828	9954	0.44%	0.040%
6	4.050	159	164	171	rVB	12573	21682	0.95%	0.087%
7	4.691	267	273	277	rVB5	6467	9357	0.41%	0.037%
8	5.049	327	334	339	rBV	13006	20406	0.90%	0.081%
9	5.143	347	350	359	rVB3	6319	10773	0.47%	0.043%
10	7.105	677	684	698	rBV	95986	176313	7.75%	0.704%
11	7.264	703	711	719	rBV	94237	158595	6.97%	0.633%
12	7.476	738	747	755	rBV	105655	188875	8.30%	0.754%
13	7.940	818	826	837	rBV	330264	555843	24.43%	2.220%
14	8.645	939	946	957	rBV	87129	153935	6.77%	0.615%
15	9.091	1013	1022	1033	rBV	105145	189885	8.35%	0.758%
16	9.814	1138	1145	1154	rVV	88193	156637	6.88%	0.626%
17	10.360	1231	1238	1248	rBV	126342	235980	10.37%	0.942%
18	10.736	1294	1302	1308	rBV	465934	813958	35.78%	3.251%
19	10.783	1308	1310	1317	rVB2	10872	15832	0.70%	0.063%
20	10.866	1317	1324	1338	rBV2	61920	130314	5.73%	0.520%
21	12.399	1578	1585	1591	rVB	6328	10367	0.46%	0.041%
22	12.611	1615	1621	1630	rBV4	5468	10769	0.47%	0.043%
23	13.968	1845	1852	1857	rBV	277135	426849	18.76%	1.705%
24	14.015	1857	1860	1867	rVB	72775	104542	4.60%	0.417%
25	14.256	1891	1901	1914	rBV	295580	506531	22.26%	2.023%
26	14.567	1946	1954	1961	rBV2	766411	1182156	51.96%	4.721%
27	14.767	1980	1988	1997	rBV2	58301	122656	5.39%	0.490%
28	14.967	2017	2022	2028	rVV2	15348	28216	1.24%	0.113%
29	15.378	2085	2092	2096	rVB5	6065	11990	0.53%	0.048%
30	15.560	2115	2123	2129	rBV	412138	639417	28.11%	2.554%
31	15.613	2129	2132	2136	rVV4	15670	22553	0.99%	0.090%
32	15.672	2136	2142	2149	rVB2	79532	120639	5.30%	0.482%
33	15.907	2177	2182	2192	rVB4	11943	25248	1.11%	0.101%
34	16.060	2202	2208	2215	rVB2	12360	23565	1.04%	0.094%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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	16.295	2242	2248	2251	rBV5	7907	11774	0.52%	0.047%
36	16.624	2300	2304	2309	rVV5	6271	11436	0.50%	0.046%
37	16.853	2335	2343	2346	rBV3	12482	20056	0.88%	0.080%
38	16.888	2346	2349	2353	rVV4	8317	11632	0.51%	0.046%
39	16.959	2357	2361	2370	rVB2	46443	75373	3.31%	0.301%
40	17.047	2370	2376	2379	rBV3	9383	19303	0.85%	0.077%
41	17.088	2381	2383	2387	rVV5	6965	10841	0.48%	0.043%
42	17.123	2387	2389	2400	rVB2	15932	26400	1.16%	0.105%
43	17.211	2400	2404	2411	rBV5	15367	24691	1.09%	0.099%
44	17.311	2411	2421	2425	rBV	932378	1466180	64.45%	5.855%
45	17.352	2425	2428	2432	rVV	393053	533353	23.44%	2.130%
46	17.405	2432	2437	2448	rVV2	423894	684218	30.07%	2.732%
47	17.493	2448	2452	2459	rVB6	11262	20805	0.91%	0.083%
48	17.599	2465	2470	2471	rBV4	6279	10239	0.45%	0.041%
49	17.622	2471	2474	2478	rVV4	8166	12065	0.53%	0.048%
50	17.705	2481	2488	2493	rBV2	31404	63143	2.78%	0.252%
51	17.828	2505	2509	2515	rVB3	18424	28472	1.25%	0.114%
52	17.893	2515	2520	2525	rBV3	17112	27859	1.22%	0.111%
53	17.987	2533	2536	2541	rVB7	9081	11202	0.49%	0.045%
54	18.098	2549	2555	2560	rBV5	14573	30475	1.34%	0.122%
55	18.151	2560	2564	2566	rBV3	25803	36753	1.62%	0.147%
56	18.187	2566	2570	2571	rBV	52523	55867	2.46%	0.223%
57	18.210	2571	2574	2576	rBV	74794	81695	3.59%	0.326%
58	18.275	2582	2585	2588	rVB	20757	24436	1.07%	0.098%
59	18.310	2588	2591	2595	rVB2	12937	20514	0.90%	0.082%
60	18.380	2597	2603	2607	rBV3	65332	126720	5.57%	0.506%
61	18.416	2607	2609	2616	rVB	45030	56485	2.48%	0.226%
62	18.510	2619	2625	2633	rBV	15678	49773	2.19%	0.199%
63	18.680	2650	2654	2657	rVV	56016	84562	3.72%	0.338%
64	18.721	2657	2661	2667	rVB2	98801	143719	6.32%	0.574%
65	18.927	2693	2696	2700	rVB6	20879	30172	1.33%	0.120%
66	18.980	2702	2705	2709	rBV	16632	22495	0.99%	0.090%
67	19.015	2709	2711	2717	rVB3	17505	23806	1.05%	0.095%
68	19.097	2721	2725	2730	rBV	58233	96314	4.23%	0.385%
69	19.138	2730	2732	2733	rBV2	15987	13661	0.60%	0.055%
70	19.238	2744	2749	2758	rBV	67429	115155	5.06%	0.460%
71	19.362	2764	2770	2776	rVB	780824	1113014	48.92%	4.445%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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	19.426	2777	2781	2783	rBV3	18603	25465	1.12%	0.102%
73	19.462	2783	2787	2789	rBV3	17301	24320	1.07%	0.097%
74	19.509	2792	2795	2799	rVB2	30479	37688	1.66%	0.151%
75	19.555	2800	2803	2807	rVV	19724	25889	1.14%	0.103%
76	19.691	2821	2826	2829	rBV2	609687	970480	42.66%	3.876%
77	19.720	2829	2831	2838	rVV	663383	801076	35.21%	3.199%
78	19.791	2840	2843	2848	rVB2	35120	63247	2.78%	0.253%
79	19.896	2857	2861	2867	rBV	39043	67117	2.95%	0.268%
80	19.955	2868	2871	2877	rVB2	36756	51787	2.28%	0.207%
81	20.043	2881	2886	2892	rBV4	59826	155113	6.82%	0.619%
82	20.214	2912	2915	2918	rVB	73311	86697	3.81%	0.346%
83	20.366	2937	2941	2946	rVB2	64846	108569	4.77%	0.434%
84	20.507	2962	2965	2969	rBV	43426	58111	2.55%	0.232%
85	20.966	3039	3043	3050	rVB	115174	167018	7.34%	0.667%
86	21.142	3068	3073	3077	rBV2	51142	104246	4.58%	0.416%
87	21.189	3078	3081	3083	rVV	61579	81464	3.58%	0.325%
88	21.224	3083	3087	3094	rVV3	244393	447167	19.66%	1.786%
89	21.289	3094	3098	3107	rVB	102024	168454	7.40%	0.673%
90	21.553	3135	3143	3148	rBV2	1066749	2118054	93.10%	8.459%
91	21.600	3148	3151	3162	rVB	343580	527292	23.18%	2.106%
92	23.357	3446	3450	3461	rVB	193547	374378	16.46%	1.495%
93	23.680	3498	3505	3512	rBV	250370	771994	33.93%	3.083%
94	23.803	3521	3526	3531	rBV	229374	453210	19.92%	1.810%
95	23.856	3531	3535	3543	rVB2	240833	485375	21.33%	1.938%
96	24.373	3618	3623	3629	rBV	103908	235332	10.34%	0.940%
97	24.450	3630	3636	3641	rVV	225018	553896	24.35%	2.212%
98	24.509	3642	3646	3657	rVB	176516	425951	18.72%	1.701%
99	24.661	3663	3672	3680	rBV2	568056	1568669	68.95%	6.265%
100	25.807	3861	3867	3877	rVB2	154491	438057	19.25%	1.749%

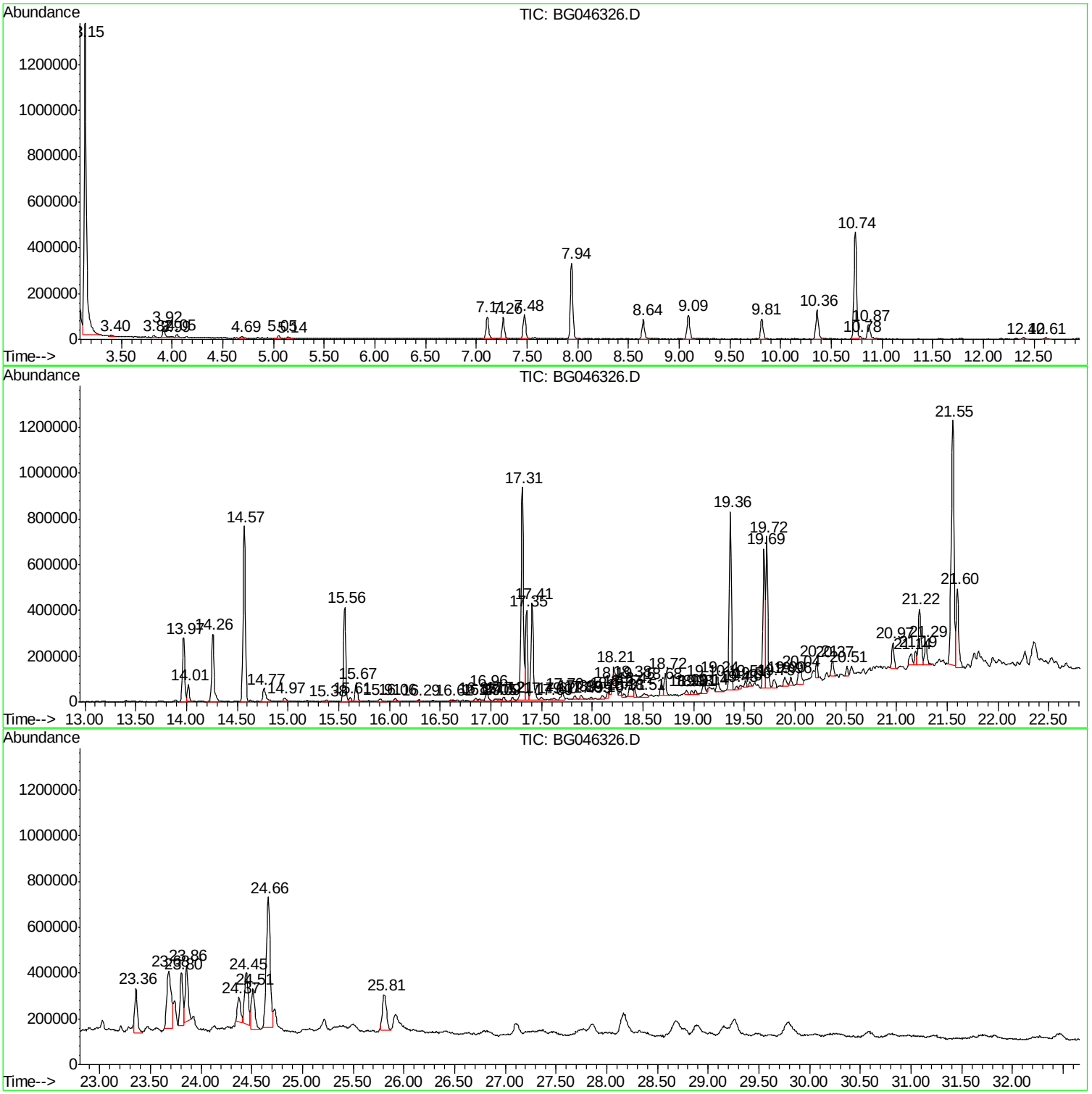
Sum of corrected areas: 25040113

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

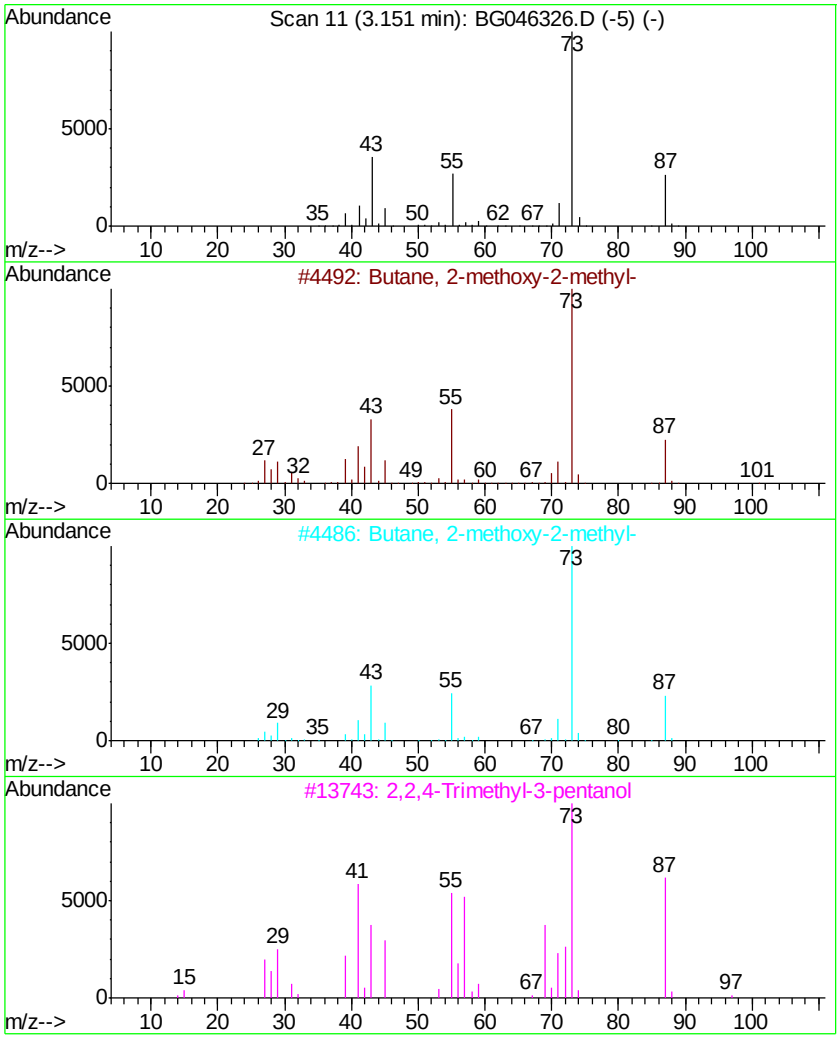
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

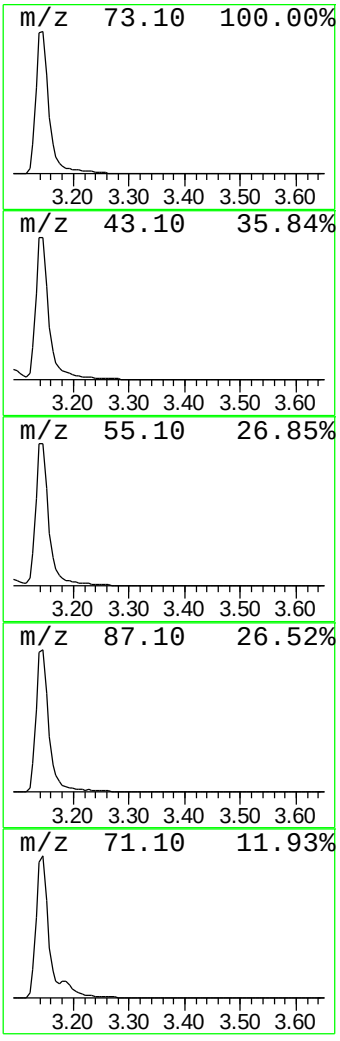
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	81.86 ng/ul	2275080	1,4-Dichlorobenzene-d4	7.94

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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

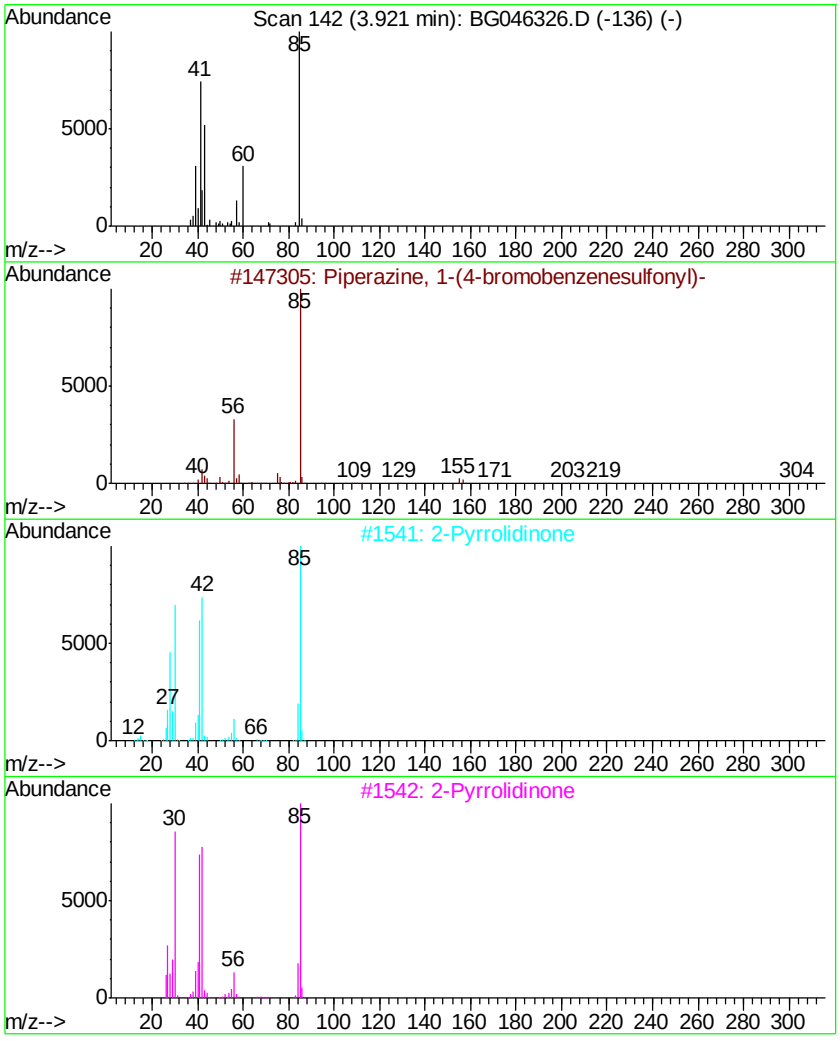
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

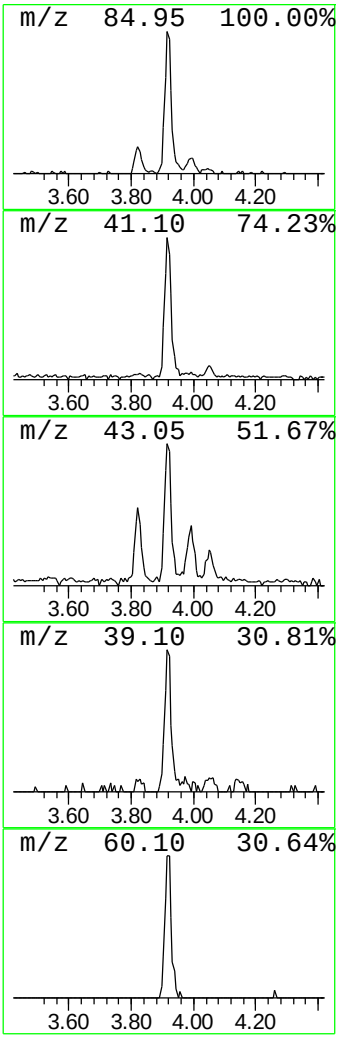
****

Peak Number 2 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.45 ng/ul	68022	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine, 1-(4-bromobenzenesul...	304	C10H13BrN2O2S	1000303-72-6	25
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	Methacrylamide	85	C4H7NO	000079-39-0	9
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

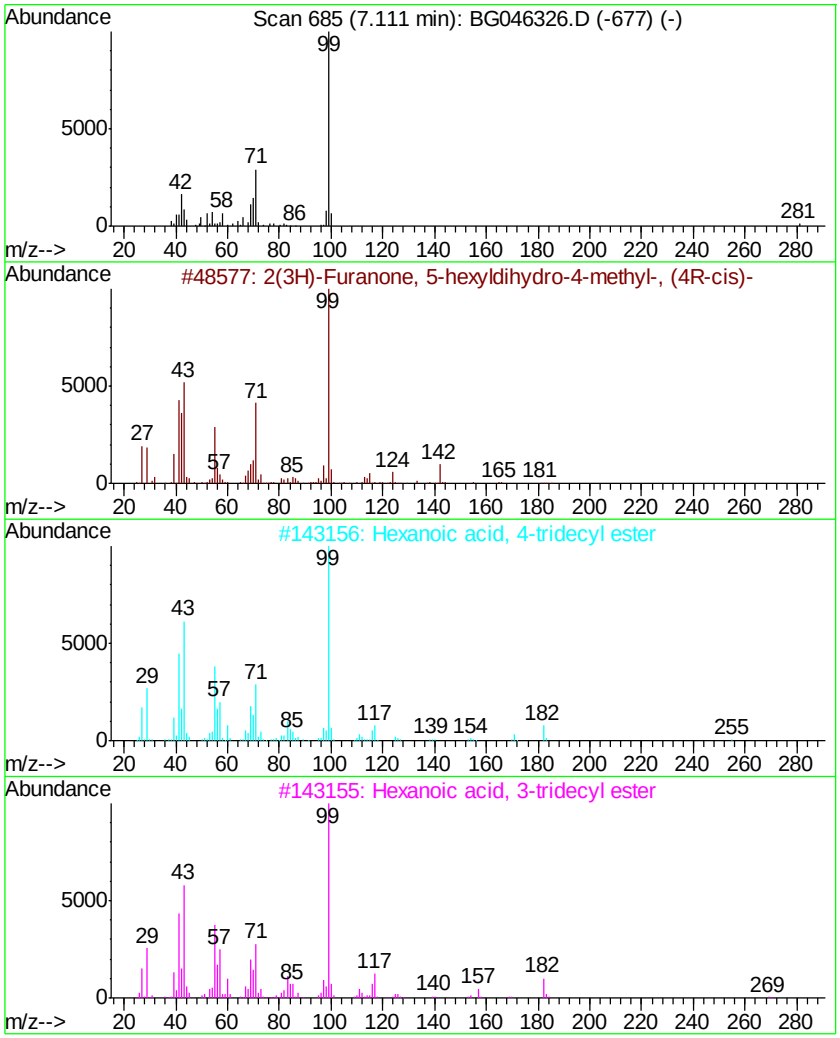
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

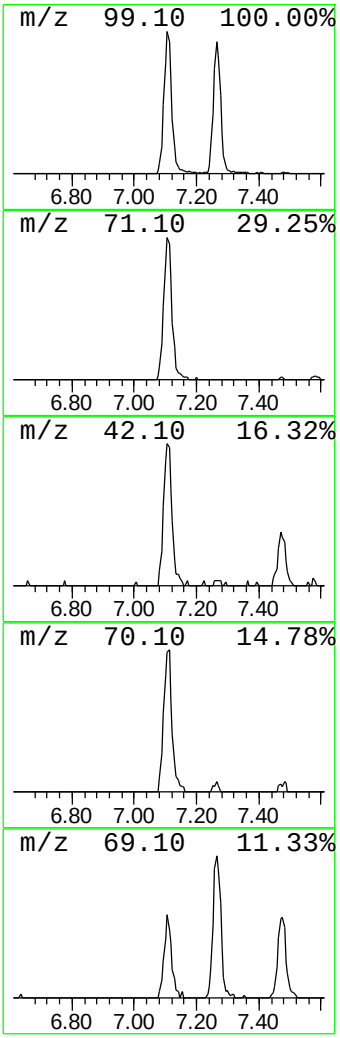
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2(3H)-Furanone, 5-hexyldihy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	6.34 ng/ul	176313	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
2	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
3	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
4	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	56
5	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

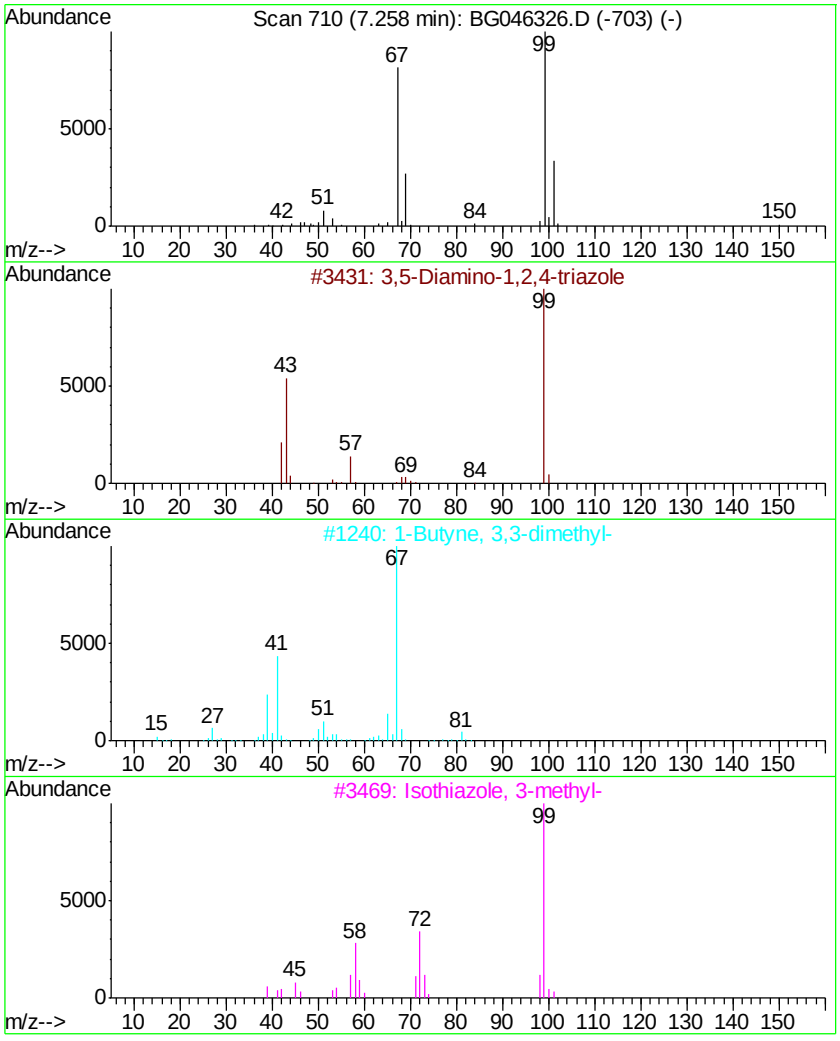
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

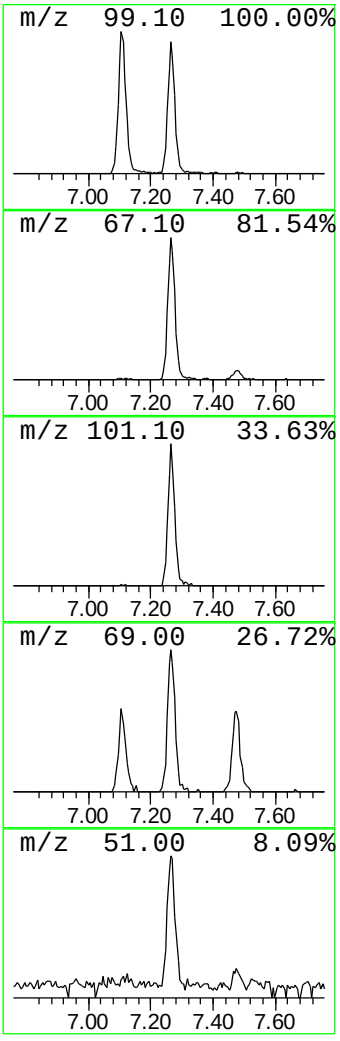
****

Peak Number 4 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	5.71 ng/ul	158595	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	16
2	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	12
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
5	Propanedinitrile, dichloro-	134	C3Cl2N2	013063-43-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

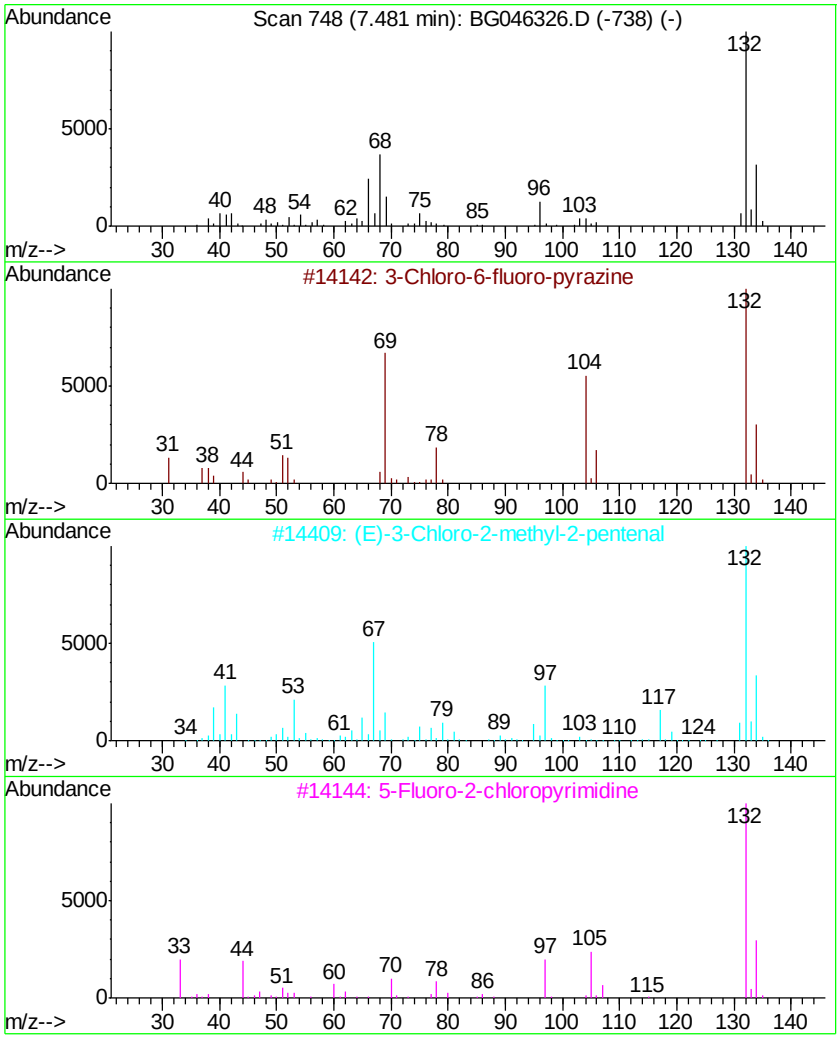
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

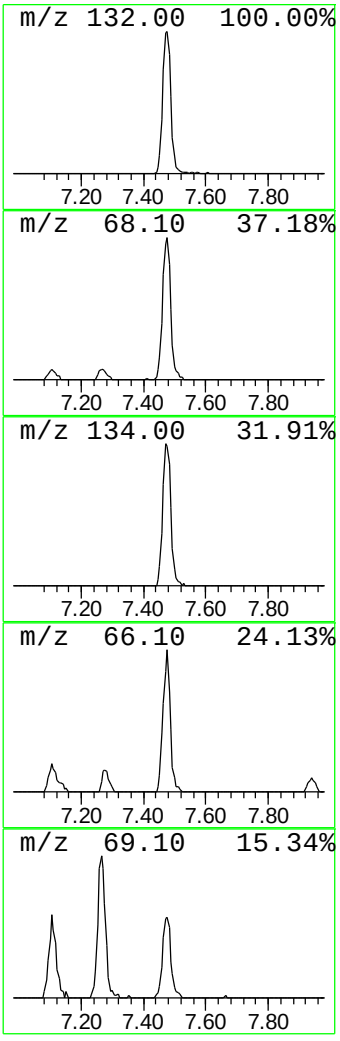
****

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	6.80 ng/ul	188875	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

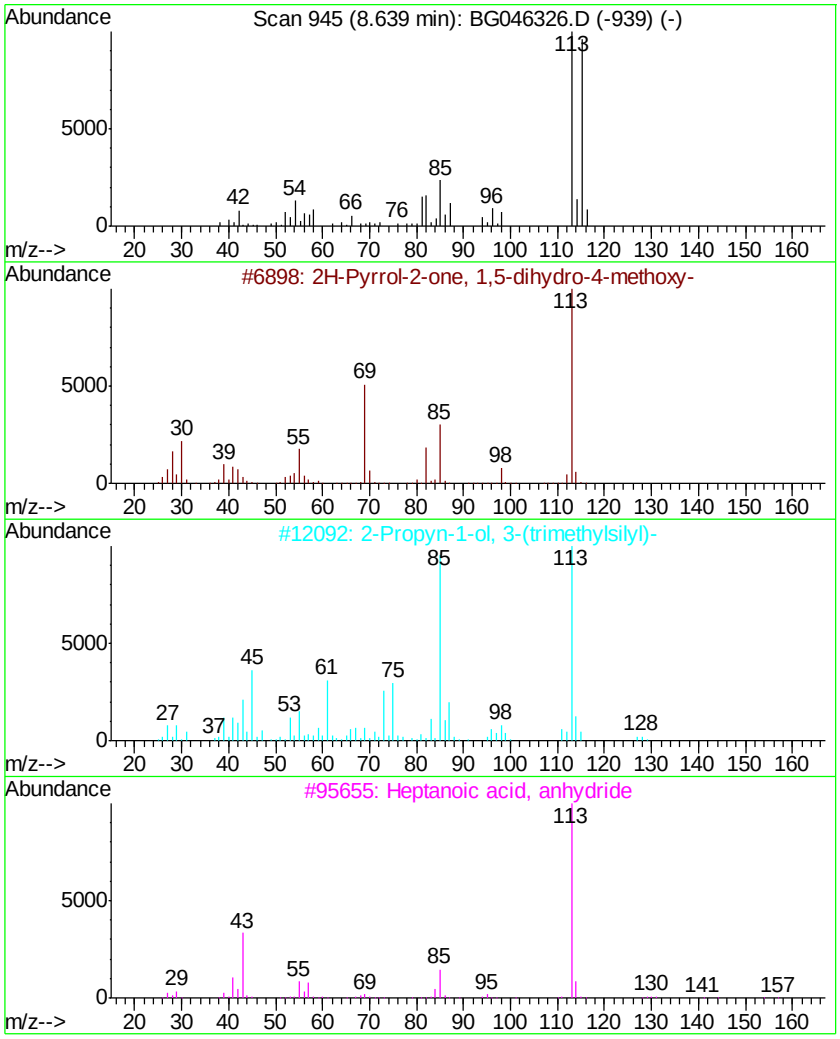
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

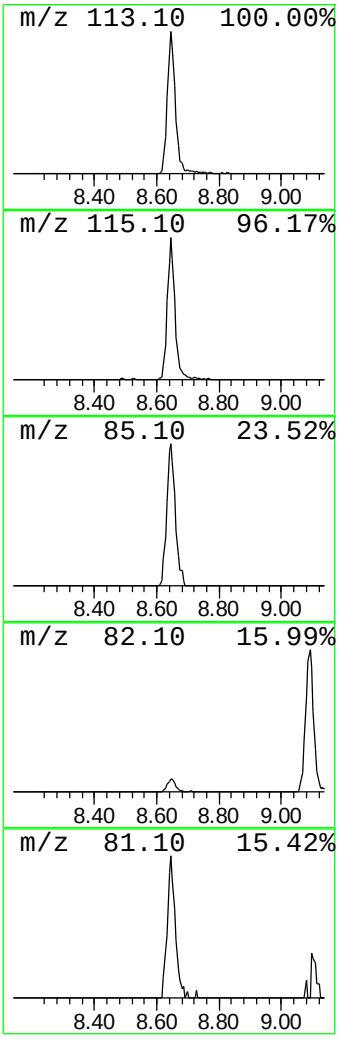
****

Peak Number 6 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	5.54 ng/ul	153935	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	43
2	2-Propyn-1-ol, 3-(trimethylsilyl)-	128	C6H12OSi	005272-36-6	43
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	35
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

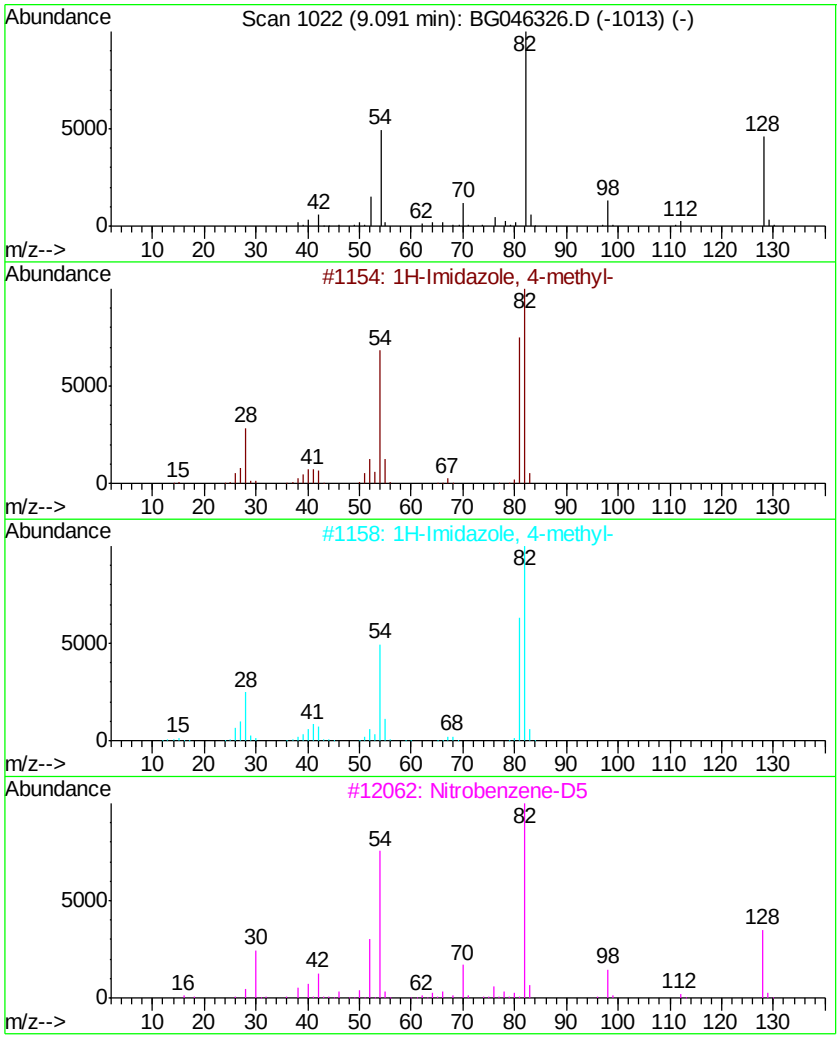
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

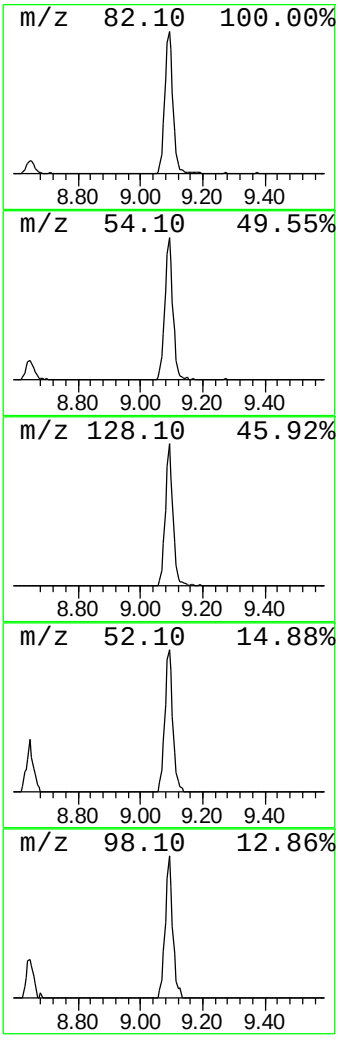
****

Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	6.83 ng/ul	189885	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

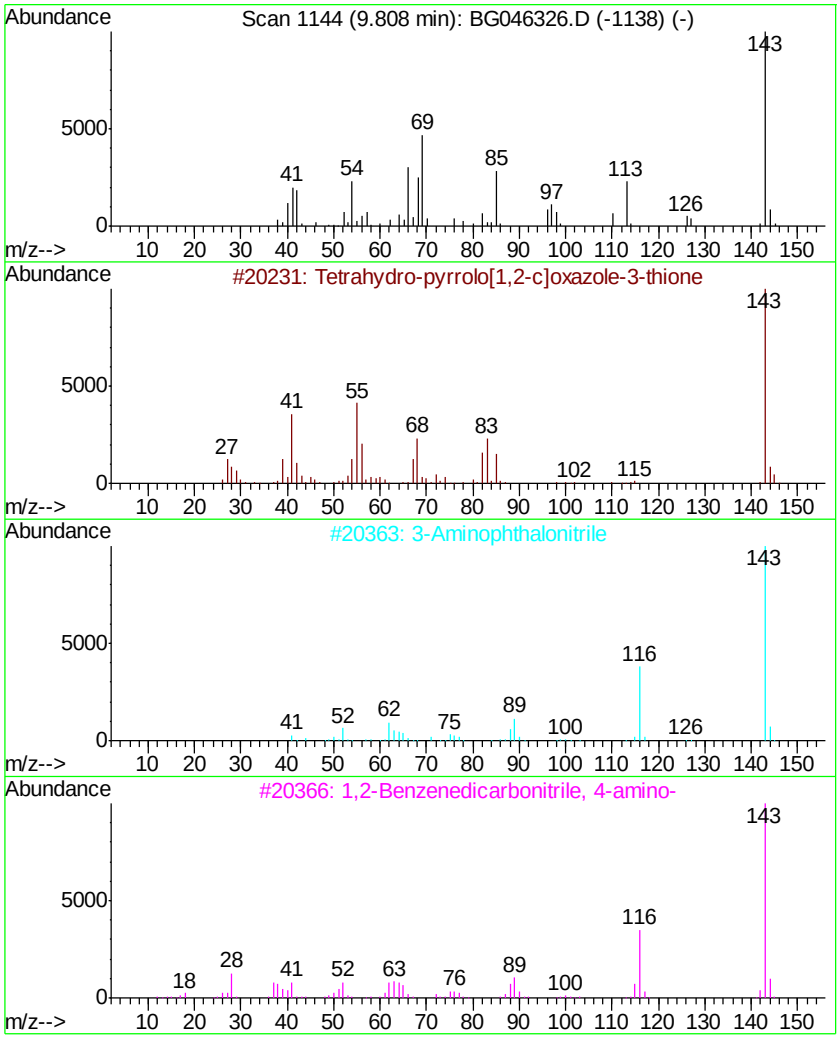
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

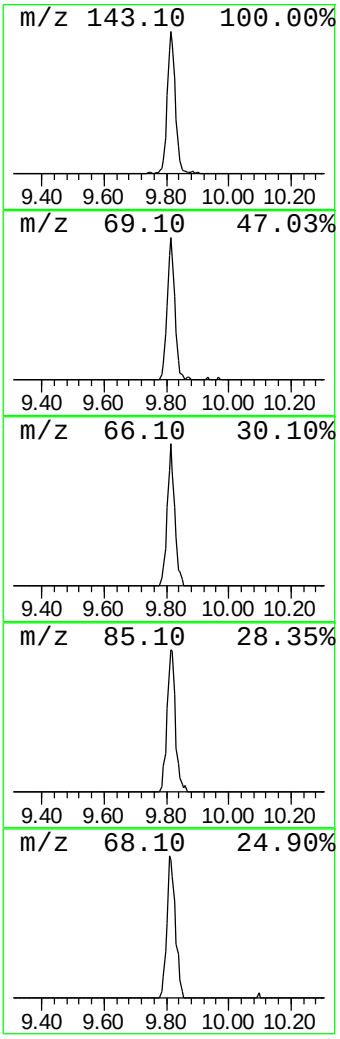
****

Peak Number 8 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.85 ng/ul	156637	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	14
3	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
4	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	10
5	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

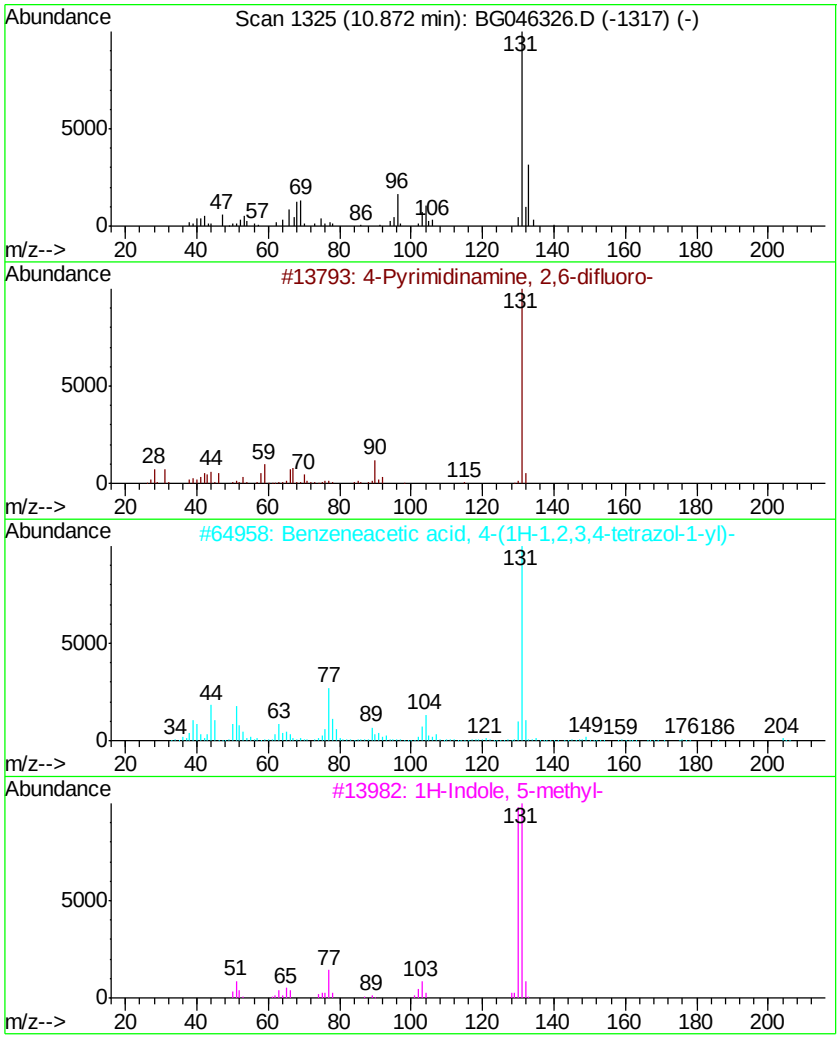
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

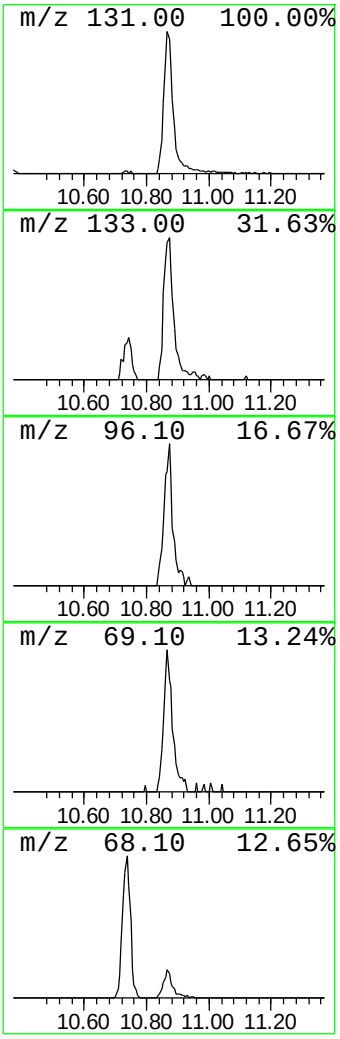
****

Peak Number 9 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.20 ng/ul	130314	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	33
4	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	28
5	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

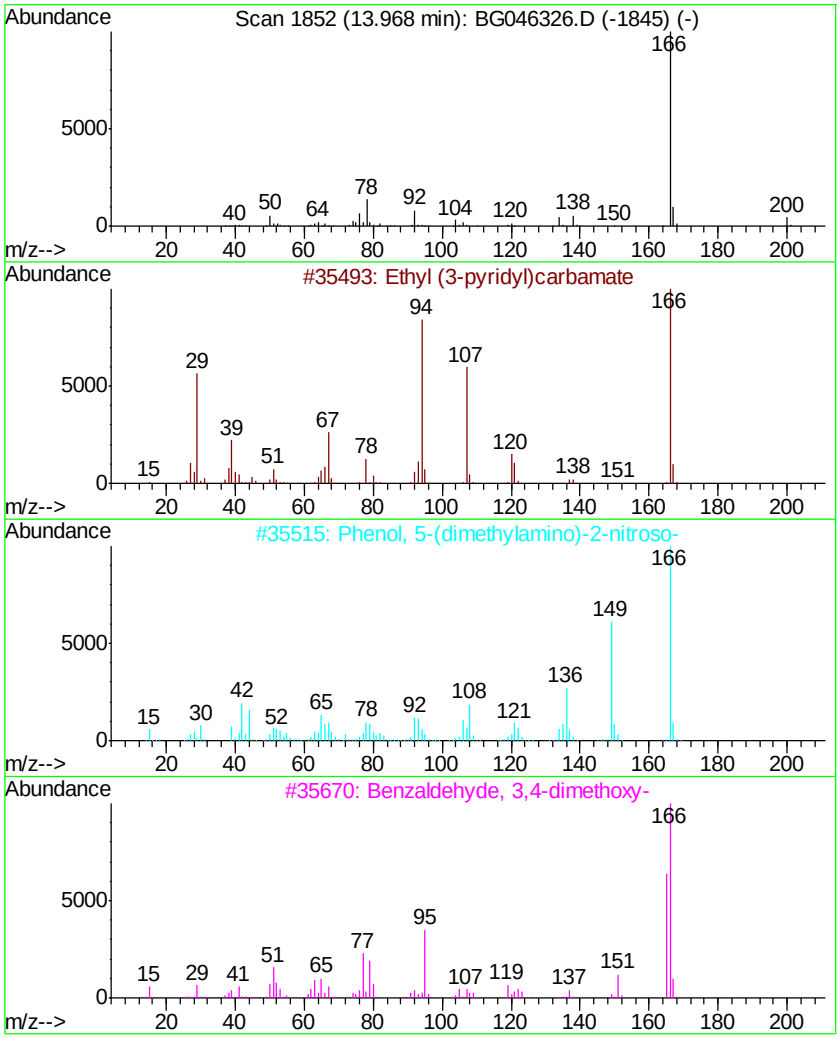
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

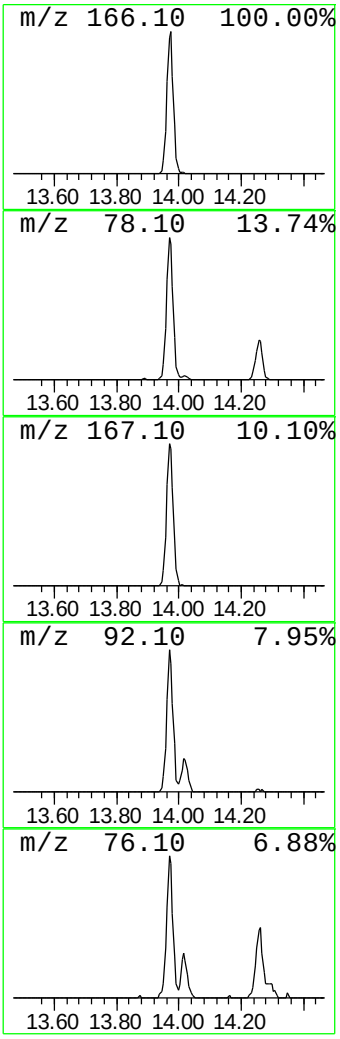
****

Peak Number 10 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.22 ng/ul	426849	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
2	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
3	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

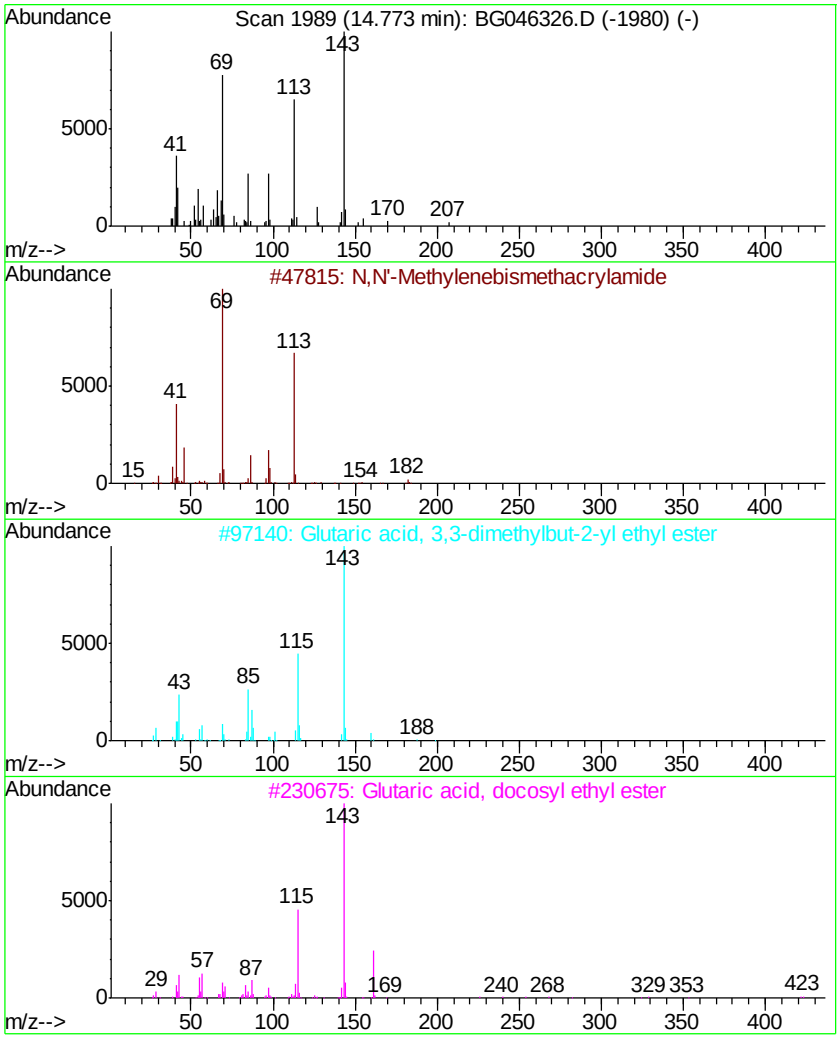
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

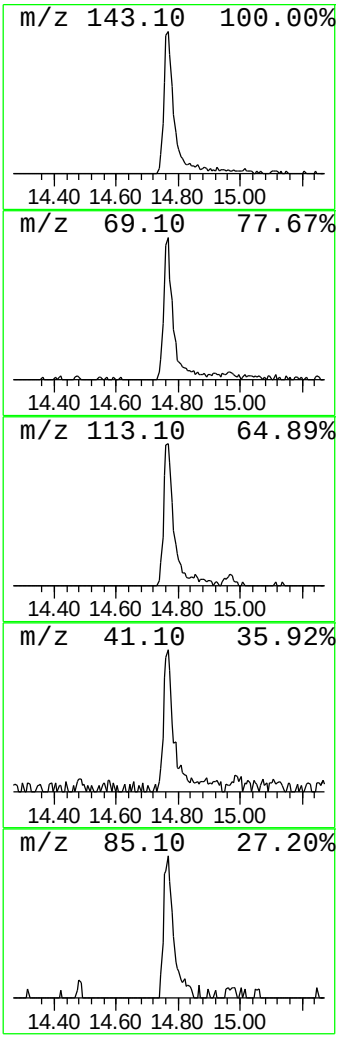
****

Peak Number 11 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.08 ng/ul	122656	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
2	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	25
3	Glutaric acid, docosyl ethyl ester	468	C29H56O4	1000359-69-6	22
4	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
5	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

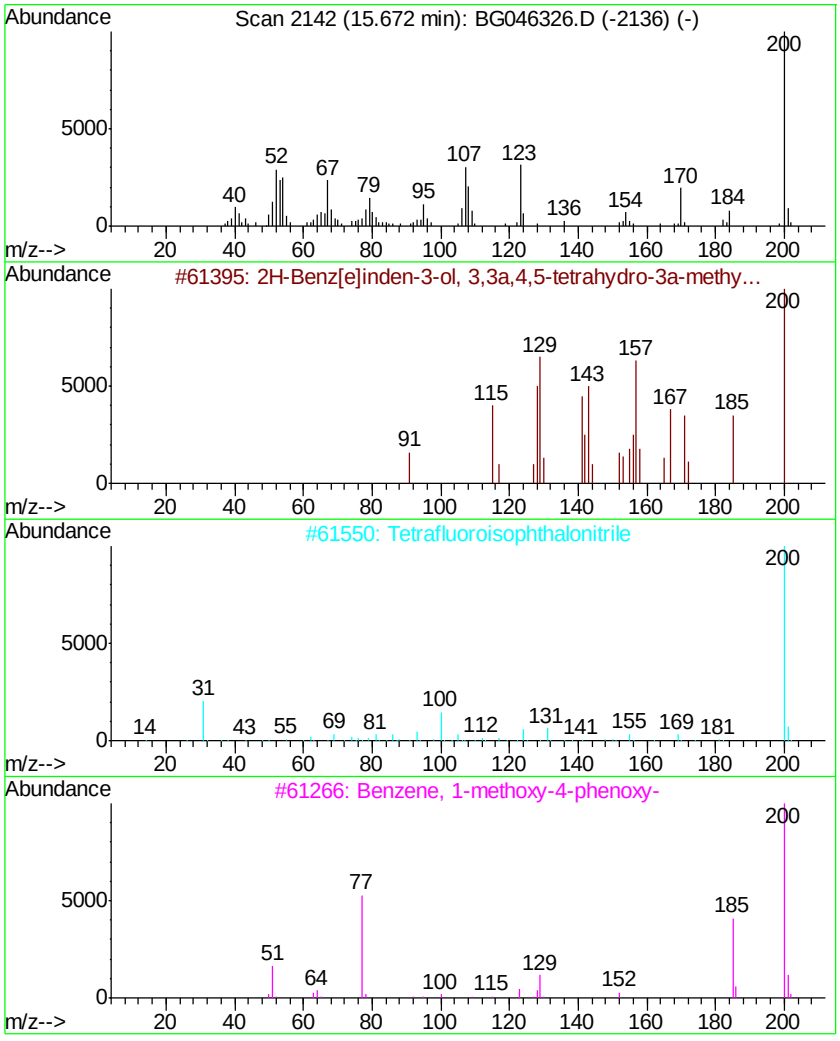
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

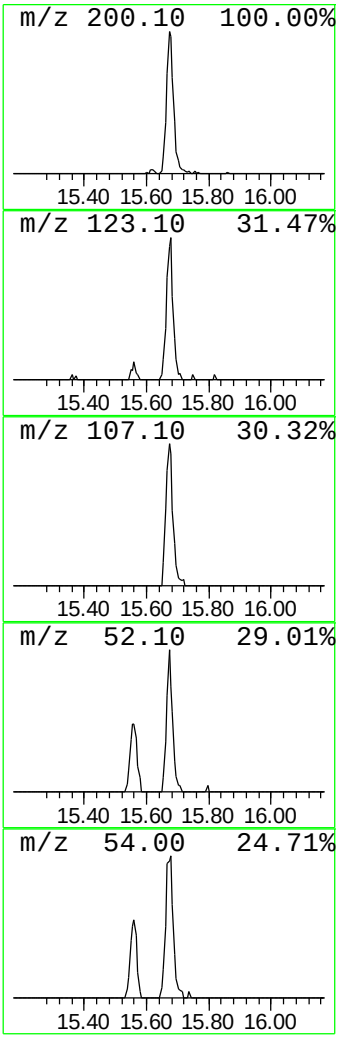
****

Peak Number 12 unknown-09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.04 ng/ul	120639	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	Tetrafluoroisophthalonitrile	200	C8F4N2	002377-81-3	14
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
4	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	10
5	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

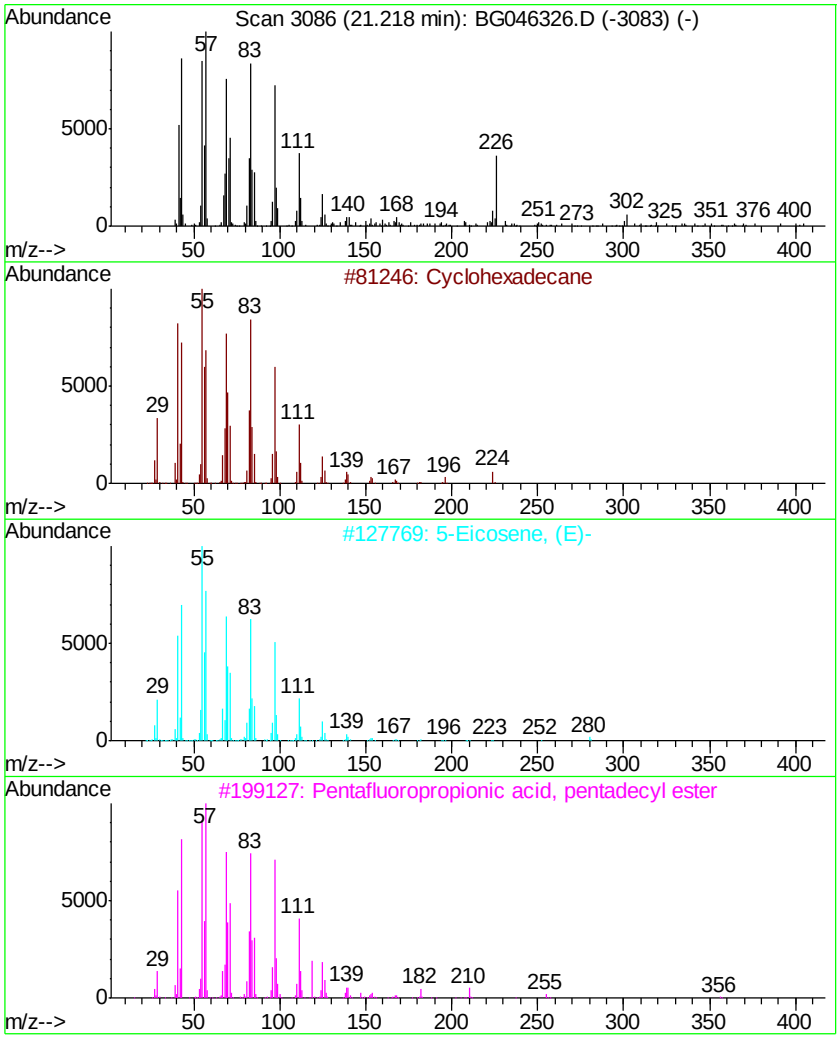
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

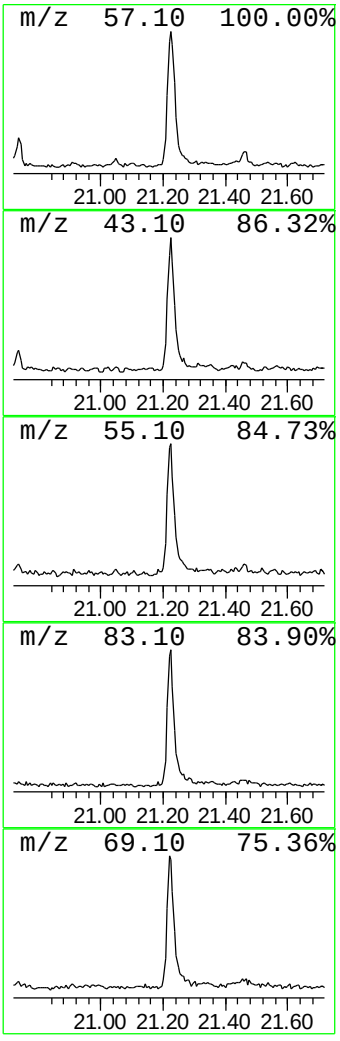
****

Peak Number 13 (DEL) Alkane: Cyclic21.22 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	4.22 ng/ul	447167	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	89
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

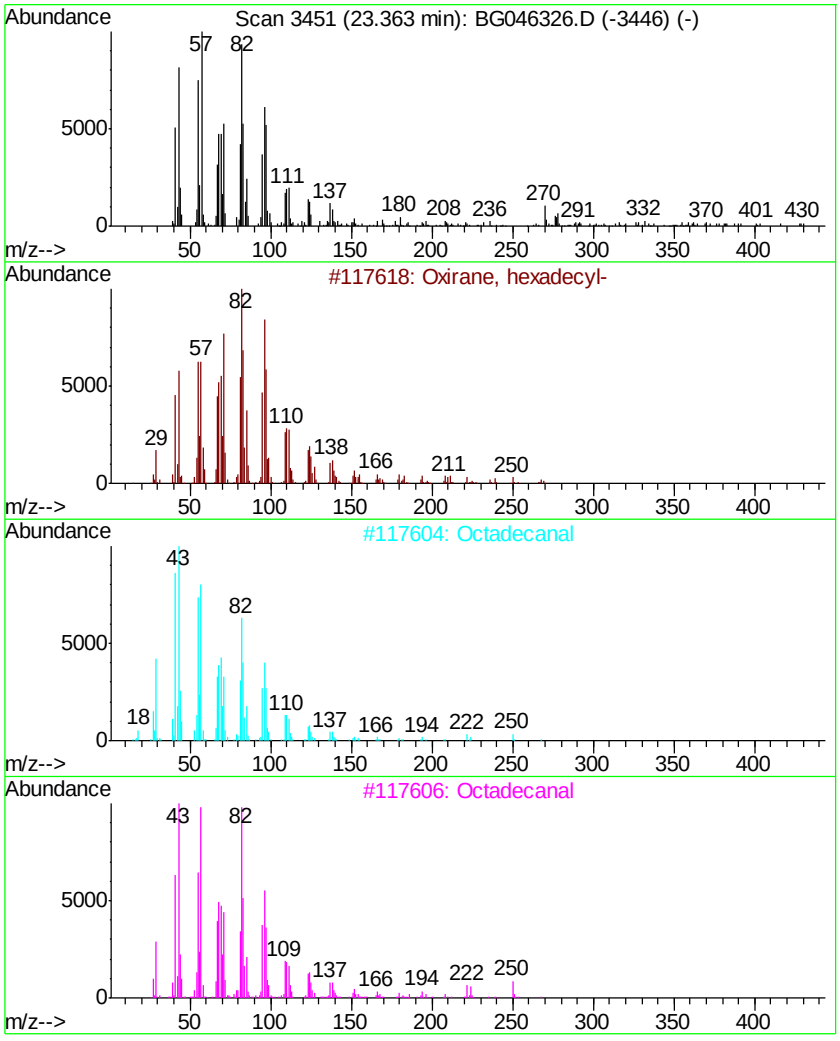
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

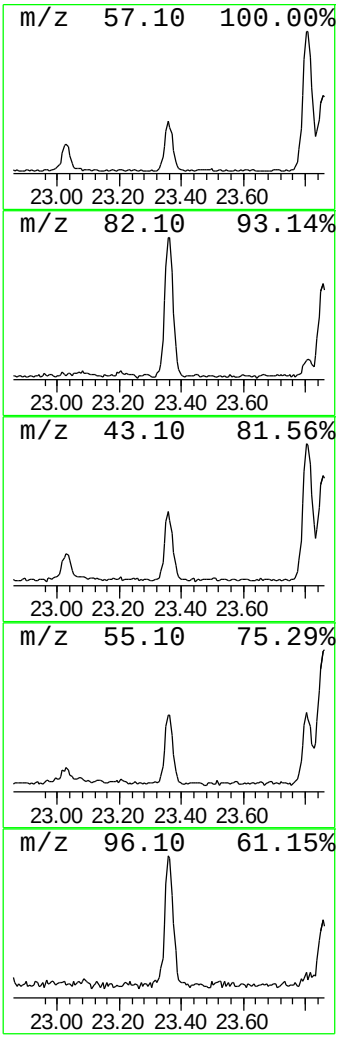
****

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	4.77 ng/ul	374378	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Octadecanal	268	C18H36O	000638-66-4	93
4	1,19-Eicosadiene	278	C20H38	014811-95-1	93
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

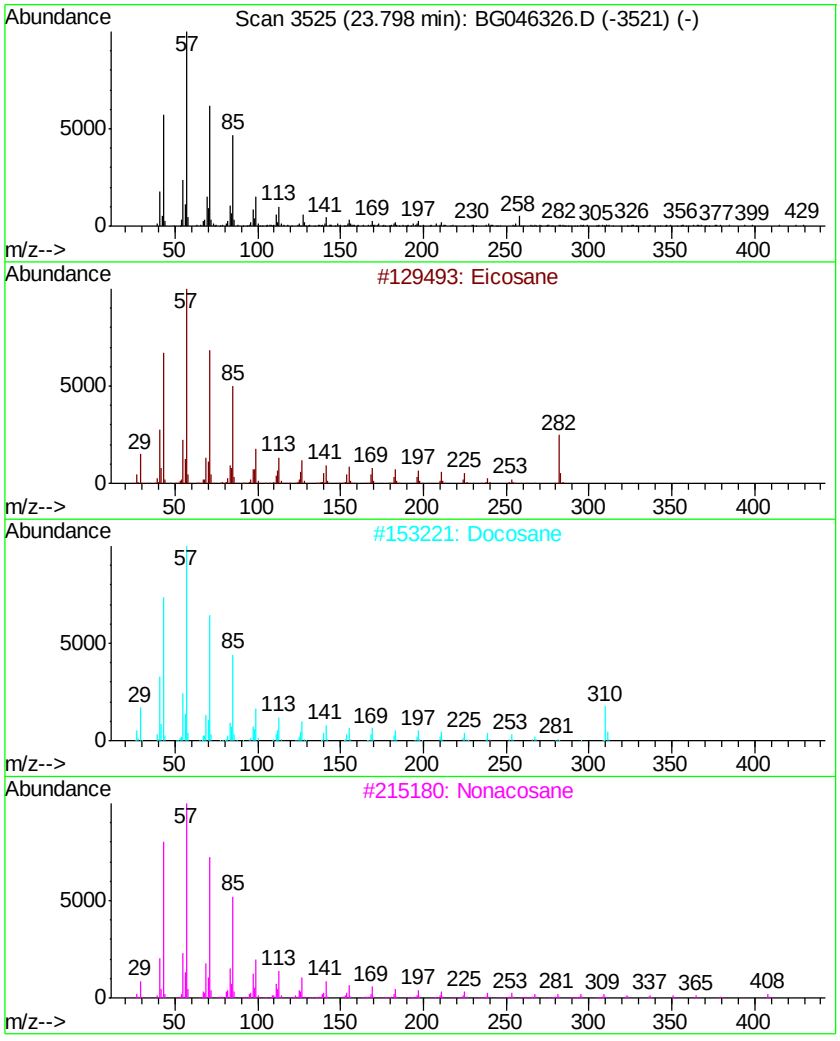
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

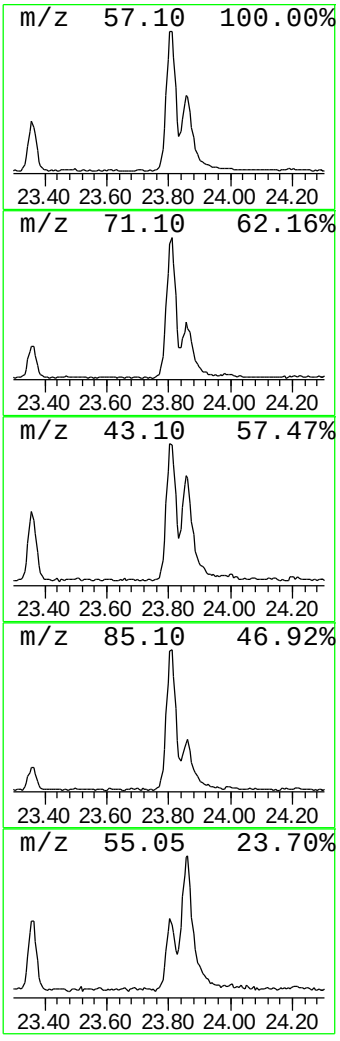
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	5.78 ng/ul	453210	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Docosane	310	C22H46	000629-97-0	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Docosane	310	C22H46	000629-97-0	91
5	Nonacosane	408	C29H60	000630-03-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

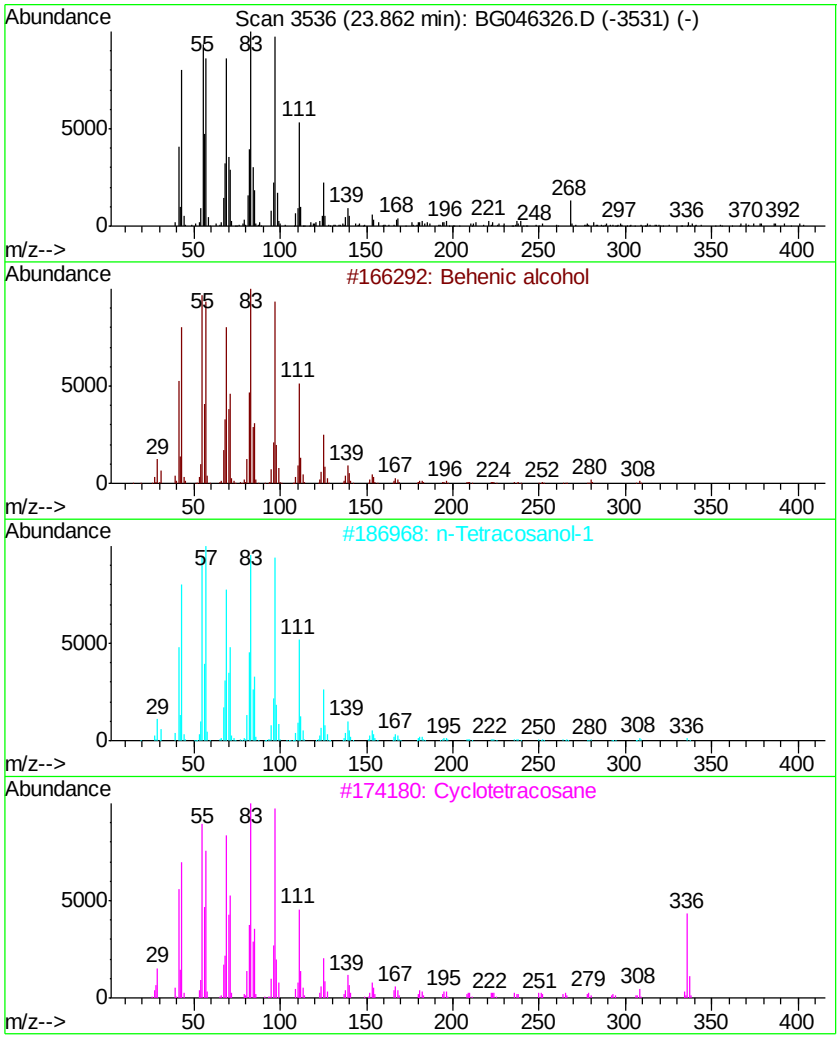
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

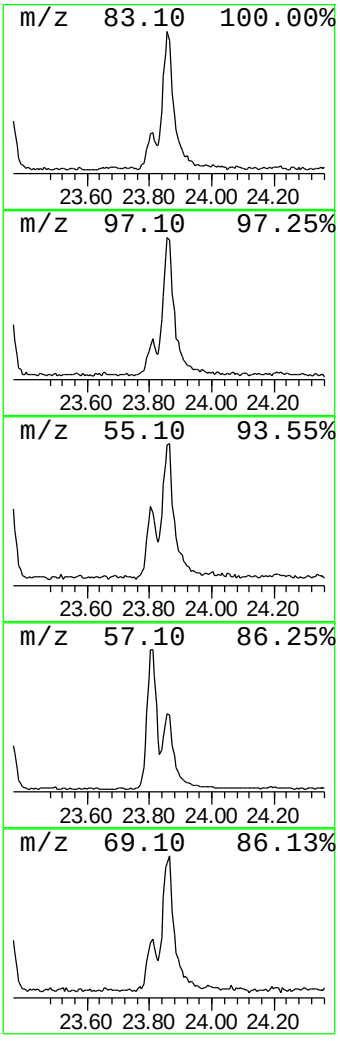
****

Peak Number 16 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	6.19 ng/ul	485375	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Heptadecene	238	C17H34	006765-39-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

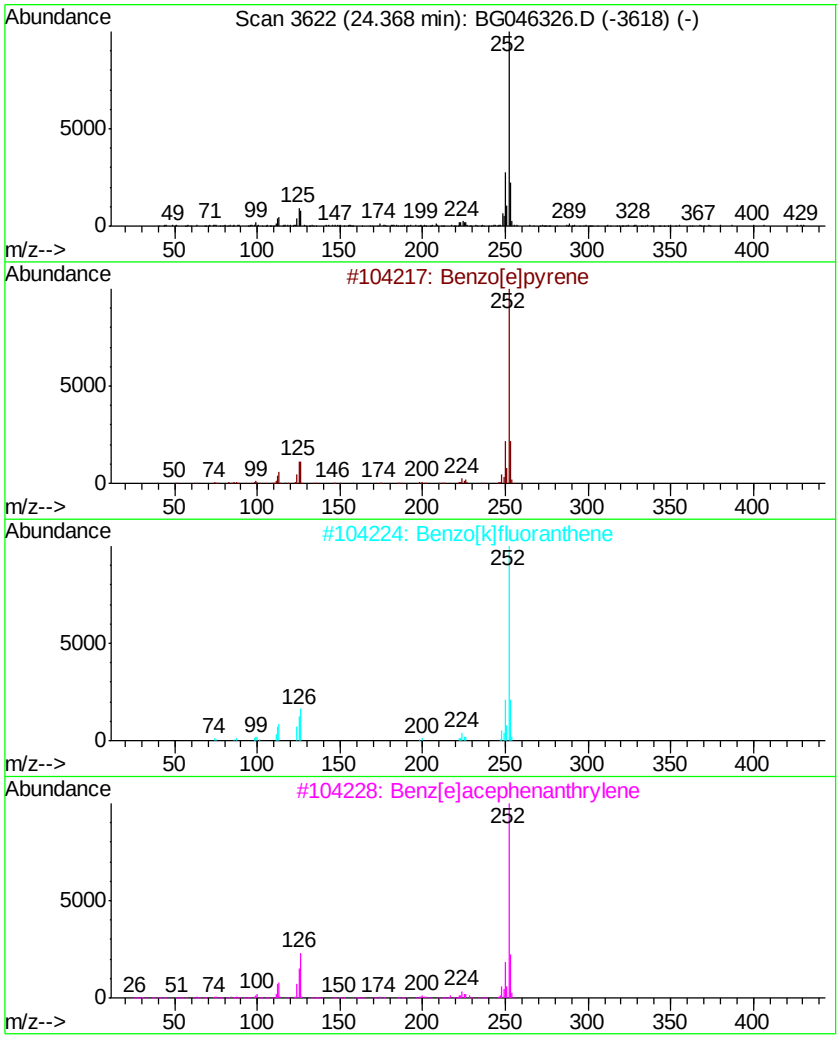
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

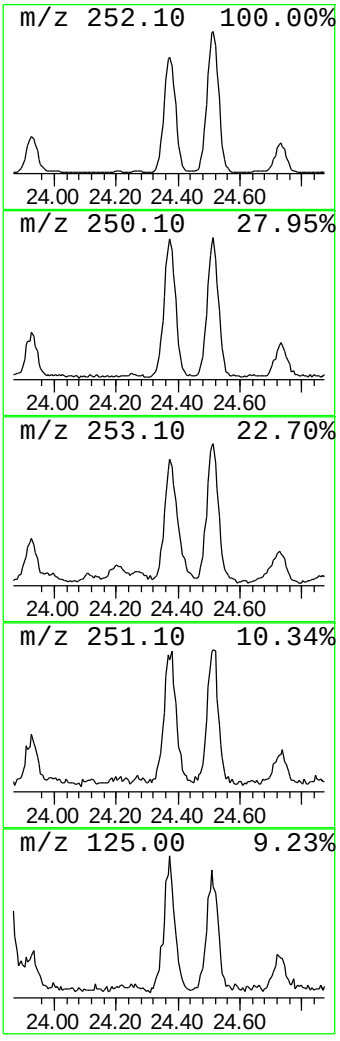
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	3.00 ng/ul	235332	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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

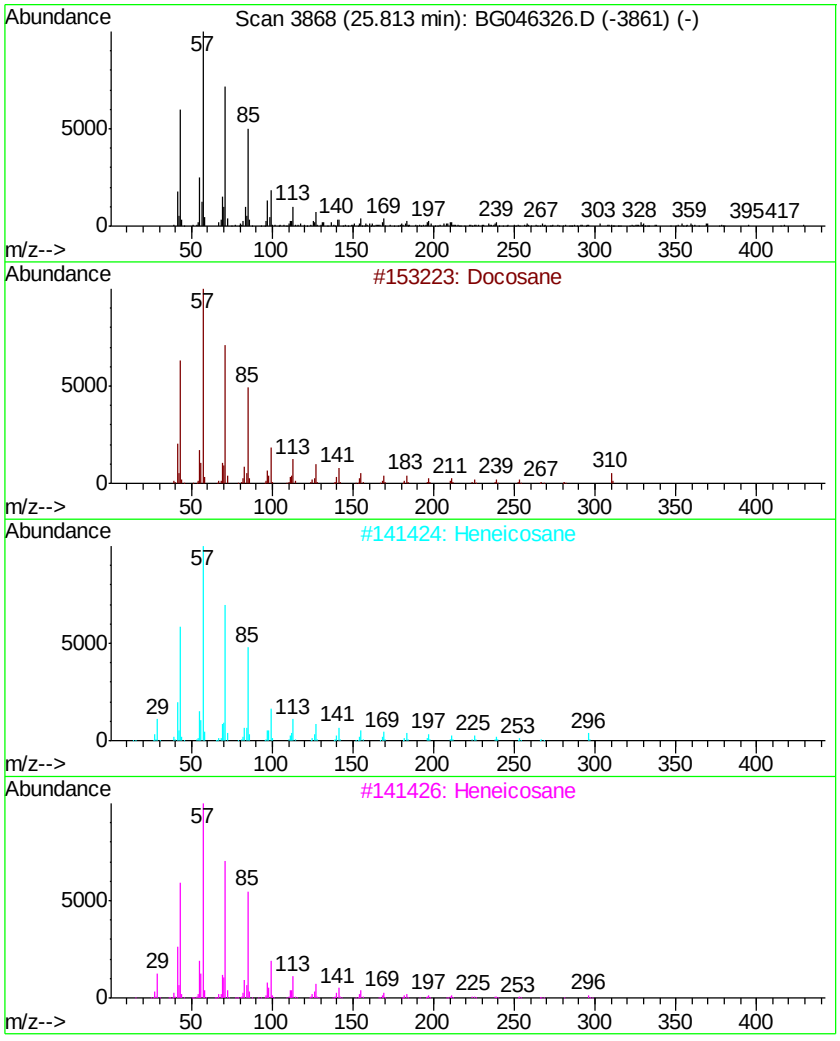
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

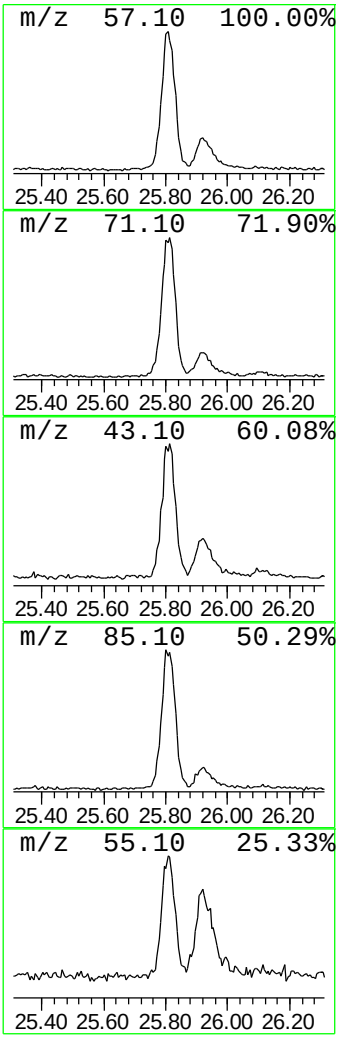
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	5.59 ng/ul	438057	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Heneicosane	296	C21H44	000629-94-7	96
3	Heneicosane	296	C21H44	000629-94-7	95
4	Hexacosane	366	C26H54	000630-01-3	95
5	Docosane	310	C22H46	000629-97-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK3

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...	3.15	81.9	ng/ul	2275080	1	7.94	555843	20.0
unknown-01	3.92	2.5	ng/ul	68022	1	7.94	555843	20.0
2(3H)-Furanone, 5...	7.11	6.3	ng/ul	176313	1	7.94	555843	20.0
unknown-02	7.26	5.7	ng/ul	158595	1	7.94	555843	20.0
unknown-03	7.48	6.8	ng/ul	188875	1	7.94	555843	20.0
unknown-04	8.64	5.5	ng/ul	153935	1	7.94	555843	20.0
1H-Imidazole, 4-m...	9.09	6.8	ng/ul	189885	1	7.94	555843	20.0
unknown-05	9.81	3.9	ng/ul	156637	2	10.74	813958	20.0
unknown-06	10.87	3.2	ng/ul	130314	2	10.74	813958	20.0
unknown-07	13.97	7.2	ng/ul	426849	3	14.57	1182160	20.0
unknown-08	14.77	2.1	ng/ul	122656	3	14.57	1182160	20.0
unknown-09	15.67	2.0	ng/ul	120639	3	14.57	1182160	20.0
(DEL) Alkane: Cyc...	21.22	4.2	ng/ul	447167	5	21.55	2118050	20.0
Oxirane, hexadecyl-	23.36	4.8	ng/ul	374378	6	24.66	1568670	20.0
(DEL) Alkane: Str...	23.80	5.8	ng/ul	453210	6	24.66	1568670	20.0
Behenic alcohol	23.86	6.2	ng/ul	485375	6	24.66	1568670	20.0
Benzo[e]pyrene	24.37	3.0	ng/ul	235332	6	24.66	1568670	20.0
(DEL) Alkane: Str...	25.81	5.6	ng/ul	438057	6	24.66	1568670	20.0