LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046399.D
Acq On : 21 Aug 2020 5:20
Operator : CG/JU
Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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	3.142	4	9	26	rVB	1705199	2675473	100.00%	8.708%
2	3.401	49	53	64	rVB	13247	23097	0.86%	0.075%
3	3.818	119	124	133	rVB2	12758	21153	0.79%	0.069%
4	3.918	136	141	149	rVV	52885	80649	3.01%	0.262%
5	3.988	149	153	158	rVV	7840	11554	0.43%	0.038%
6	4.053	158	164	169	rVB	16592	27047	1.01%	0.088%
7	4.688	268	272	280	rVB6	7284	12196	0.46%	0.040%
8	5.052	328	334	340	rBV2	16133	26619	0.99%	0.087%
9	5.140	345	349	354	rBV3	7601	14051	0.53%	0.046%
10	7.108	676	684	694	rBV	218395	394872	14.76%	1.285%
11	7.267	703	711	721	rBV	187634	311513	11.64%	1.014%
12	7.473	739	746	756	rBV	230840	406148	15.18%	1.322%
13	7.572	758	763	769	rVB7	5037	11384	0.43%	0.037%
14	7.943	818	826	836	rBV	285384	485093	18.13%	1.579%
15	8.648	939	946	956	rBV	188048	329862	12.33%	1.074%
16	9.094	1014	1022	1031	rBV	223669	404275	15.11%	1.316%
17	9.817	1137	1145	1153	rBV	194447	346468	12.95%	1.128%
18	10.363	1230	1238	1253	rBV	289683	546424	20.42%	1.778%
19	10.739	1293	1302	1309	rBV	403114	740609	27.68%	2.410%
20	10.869	1316	1324	1339	rBV	195425	383401	14.33%	1.248%
21	13.889	1833	1838	1844	rVB3	7338	11547	0.43%	0.038%
22	13.971	1844	1852	1857	rBV	625710	901994	33.71%	2.936%
23	14.018	1857	1860	1866	rVV	119489	165827	6.20%	0.540%
24	14.259	1891	1901	1915	rBV	682008	1112922	41.60%	3.622%
25	14.570	1947	1954	1960	rVV	683547	1077710	40.28%	3.508%
26	14.629	1960	1964	1972	rVB3	12471	21782	0.81%	0.071%
27	14.770	1980	1988	2001	rBV	166584	318435	11.90%	1.036%
28	14.911	2008	2012	2017	rVV6	7326	12091	0.45%	0.039%
29	14.970	2017	2022	2028	rVB2	14498	23647	0.88%	0.077%
30	15.375	2080	2091	2097	rBV7	4332	12369	0.46%	0.040%
31	15.563	2115	2123	2129	rBV	910147	1427616	53.36%	4.646%
32	15.616	2129	2132	2137	rVB3	28433	37164	1.39%	0.121%
33	15.681	2137	2143	2150	rBV	205375	307869	11.51%	1.002%
34	15.804	2158	2164	2167	rBV4	9611	14936	0.56%	0.049%

LSC Area Percent Report

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Acq On : 21 Aug 2020 5:20
Operator : CG/JU
Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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	15.916	2176	2183	2188	rVB2	12184	20720	0.77%	0.067%
36	16.062	2201	2208	2214	rVB2	10821	23946	0.90%	0.078%
37	16.292	2242	2247	2250	rBV4	12794	20489	0.77%	0.067%
38	16.626	2287	2304	2308	rBV8	10037	32075	1.20%	0.104%
39	16.850	2335	2342	2346	rBV4	23181	39908	1.49%	0.130%
40	16.885	2346	2348	2352	rVV3	8719	12470	0.47%	0.041%
41	16.961	2356	2361	2368	rVB	32991	56286	2.10%	0.183%
42	17.044	2370	2375	2376	rBV4	11239	14795	0.55%	0.048%
43	17.073	2378	2380	2386	rVV6	10155	18836	0.70%	0.061%
44	17.132	2386	2390	2399	rVB	21220	35113	1.31%	0.114%
45	17.214	2399	2404	2411	rVB9	5479	10996	0.41%	0.036%
46	17.314	2414	2421	2424	rBV	836725	1290221	48.22%	4.199%
47	17.355	2424	2428	2432	rVV	466102	674852	25.22%	2.196%
48	17.408	2432	2437	2449	rVB2	931388	1475559	55.15%	4.802%
49	17.502	2449	2453	2459	rVB4	15397	23974	0.90%	0.078%
50	17.625	2471	2474	2479	rVB4	10214	11902	0.44%	0.039%
51	17.708	2479	2488	2493	rBV2	25757	64779	2.42%	0.211%
52	17.831	2504	2509	2514	rVB3	20953	36234	1.35%	0.118%
53	17.896	2516	2520	2523	rBV3	12759	18153	0.68%	0.059%
54	17.990	2532	2536	2541	rVV7	11083	17241	0.64%	0.056%
55	18.107	2552	2556	2561	rBV3	10938	17160	0.64%	0.056%
56	18.189	2561	2570	2572	rBV	69518	118722	4.44%	0.386%
57	18.236	2574	2578	2583	rVB	98090	153955	5.75%	0.501%
58	18.319	2588	2592	2596	rVB	22276	33055	1.24%	0.108%
59	18.377	2596	2602	2606	rBV3	93306	178181	6.66%	0.580%
60	18.419	2606	2609	2615	rVB	59388	84020	3.14%	0.273%
61	18.507	2618	2624	2626	rBV5	16645	31106	1.16%	0.101%
62	18.530	2626	2628	2633	rVB4	13400	20736	0.78%	0.067%
63	18.683	2649	2654	2657	rBV	80556	112648	4.21%	0.367%
64	18.724	2657	2661	2666	rVB	90359	132514	4.95%	0.431%
65	18.806	2673	2675	2678	rBV4	8909	12372	0.46%	0.040%
66	18.930	2693	2696	2701	rVV3	24584	35877	1.34%	0.117%
67	18.983	2702	2705	2708	rVV2	23104	28066	1.05%	0.091%
68	19.018	2708	2711	2715	rVB2	20591	27003	1.01%	0.088%
69	19.100	2720	2725	2730	rBV	62836	106397	3.98%	0.346%
70	19.165	2730	2736	2739	rBV5	16839	38569	1.44%	0.126%
71	19.241	2744	2749	2758	rBV	64557	117615	4.40%	0.383%

LSC Area Percent Report

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Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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
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Title : SVOA CALIBRATION

72	19.364	2761	2770	2775	rVB	801081	1131540	42.29%	3.683%
73	19.429	2777	2781	2783	rBV3	17969	22499	0.84%	0.073%
74	19.458	2784	2786	2791	rVB3	21618	26266	0.98%	0.085%
75	19.511	2792	2795	2799	rVB	28664	29514	1.10%	0.096%
76	19.558	2799	2803	2806	rBV2	33592	48850	1.83%	0.159%
77	19.693	2820	2826	2829	rBV2	1264693	1970314	73.64%	6.413%
78	19.723	2829	2831	2839	rVB	761078	965483	36.09%	3.142%
79	19.799	2839	2844	2848	rBV2	42737	65280	2.44%	0.212%
80	19.905	2858	2862	2867	rBV	31638	46642	1.74%	0.152%
81	19.958	2868	2871	2878	rVB	41674	66912	2.50%	0.218%
82	20.058	2881	2888	2893	rBV5	67416	174328	6.52%	0.567%
83	20.181	2905	2909	2910	rBV4	45427	56771	2.12%	0.185%
84	20.216	2912	2915	2918	rVB	91906	118499	4.43%	0.386%
85	20.316	2928	2932	2936	rBV2	43651	61395	2.29%	0.200%
86	20.375	2938	2942	2946	rVB3	79388	127277	4.76%	0.414%
87	20.510	2963	2965	2969	rVB	44574	47764	1.79%	0.155%
88	20.557	2970	2973	2978	rVB	42995	57984	2.17%	0.189%
89	20.968	3039	3043	3050	rVB	92851	142713	5.33%	0.464%
90	21.192	3078	3081	3083	rBV	53080	66694	2.49%	0.217%
91	21.221	3083	3086	3094	rVV3	316546	537213	20.08%	1.748%
92	21.297	3095	3099	3107	rVB	87224	149936	5.60%	0.488%
93	21.556	3136	3143	3148	rBV2	956060	1967742	73.55%	6.404%
94	21.603	3148	3151	3161	rVB	364187	564828	21.11%	1.838%
95	23.689	3499	3506	3513	rBV2	240116	743934	27.81%	2.421%
96	23.806	3522	3526	3530	rVB	64447	91569	3.42%	0.298%
97	24.376	3618	3623	3629	rBV	132120	319701	11.95%	1.041%
98	24.458	3629	3637	3643	rVV	554437	1373002	51.32%	4.469%
99	24.670	3664	3673	3692	rBV	533947	1628523	60.87%	5.300%
100	25.810	3862	3867	3876	rVB3	105365	277371	10.37%	0.903%

Sum of corrected areas: 30724886

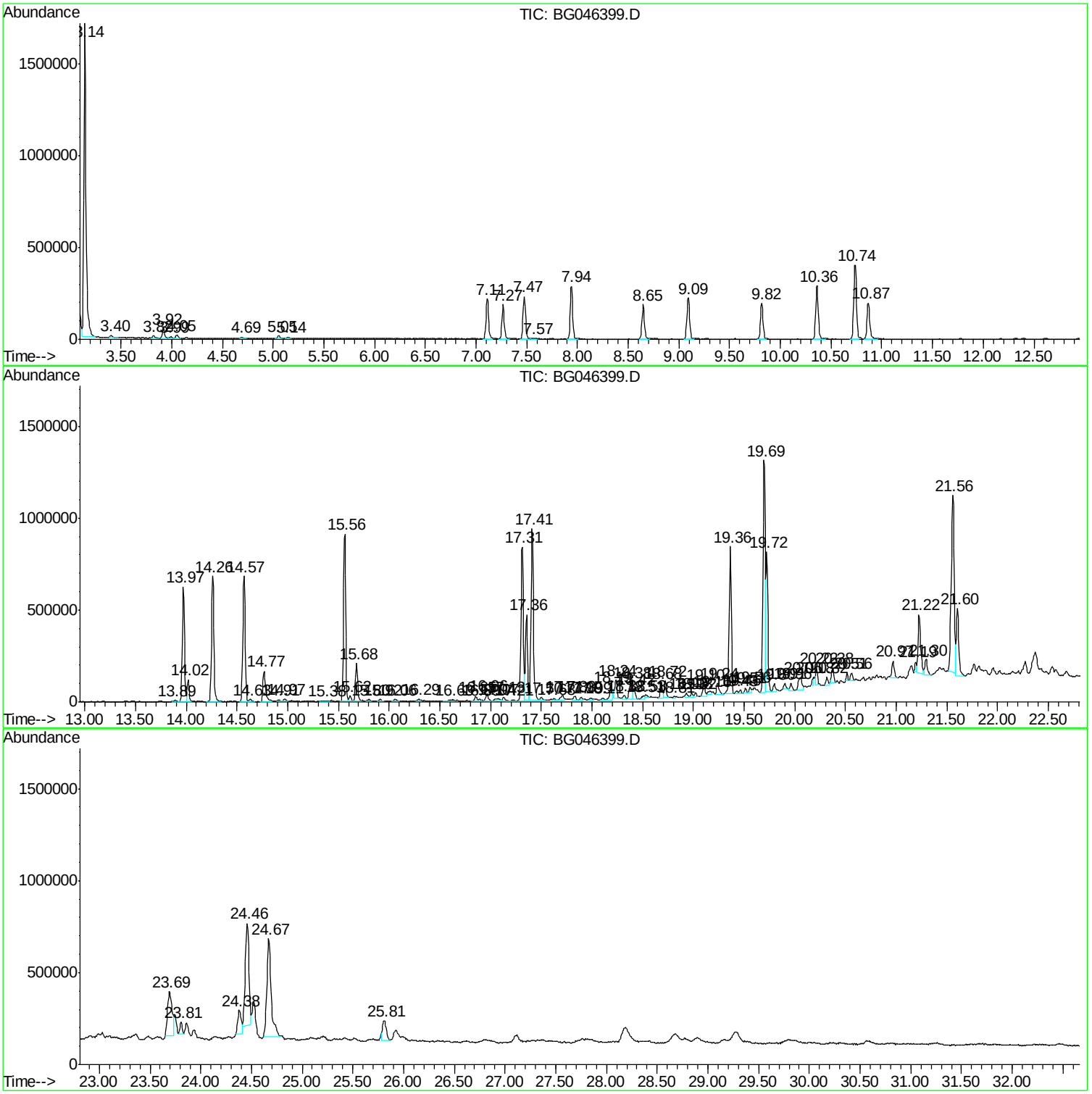
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046399.D
Acq On : 21 Aug 2020 5:20
Operator : CG/JU
Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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\BG081920\
Data File : BG046399.D
Acq On : 21 Aug 2020 5:20
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Instrument : BNA_G
ClientSampleId : BFMJ1

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

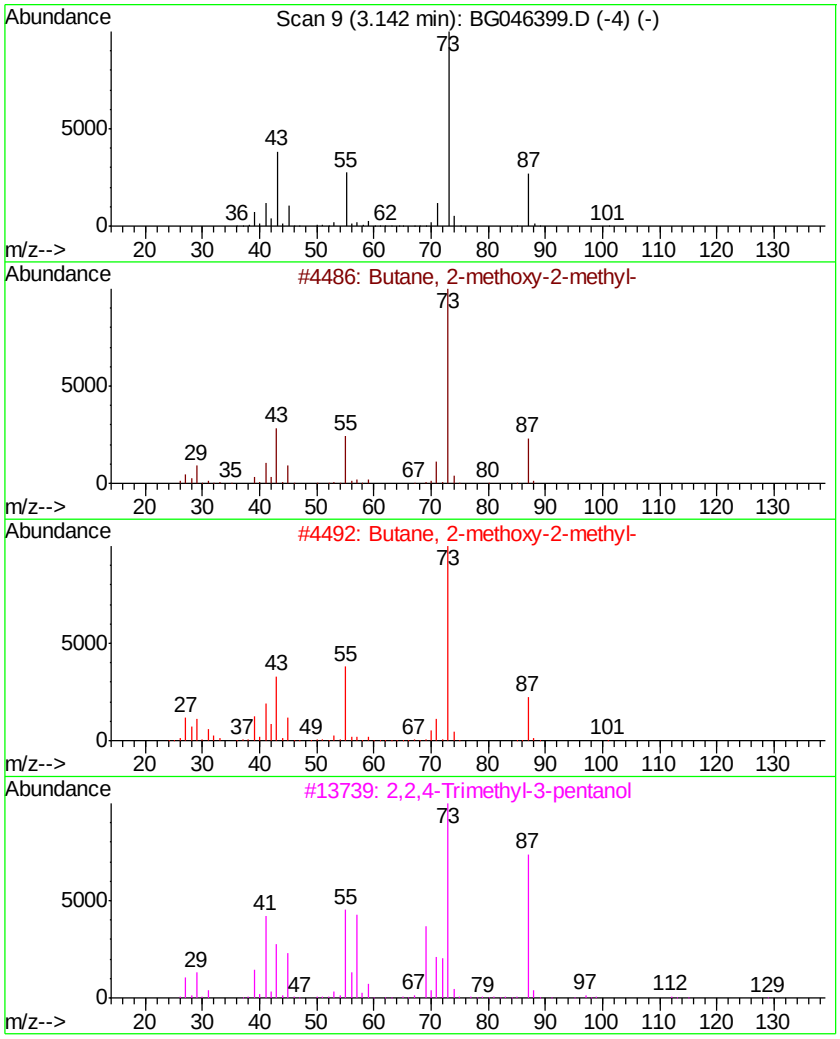
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

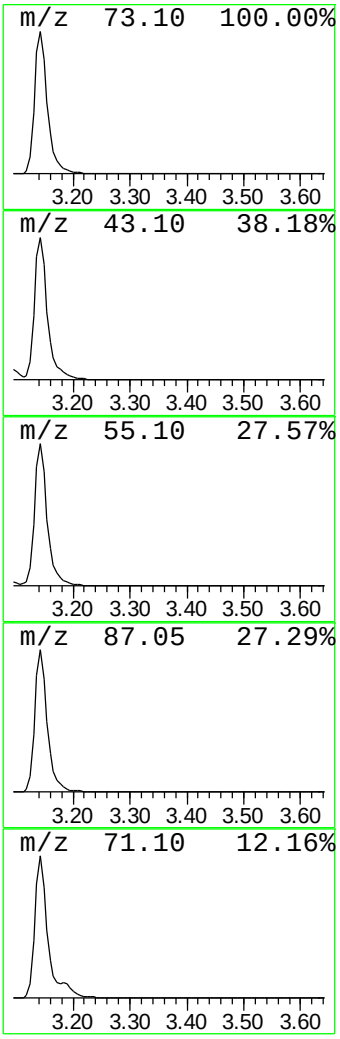
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	110.31 ng/ul	2675470	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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 21 Aug 2020 5:20
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Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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

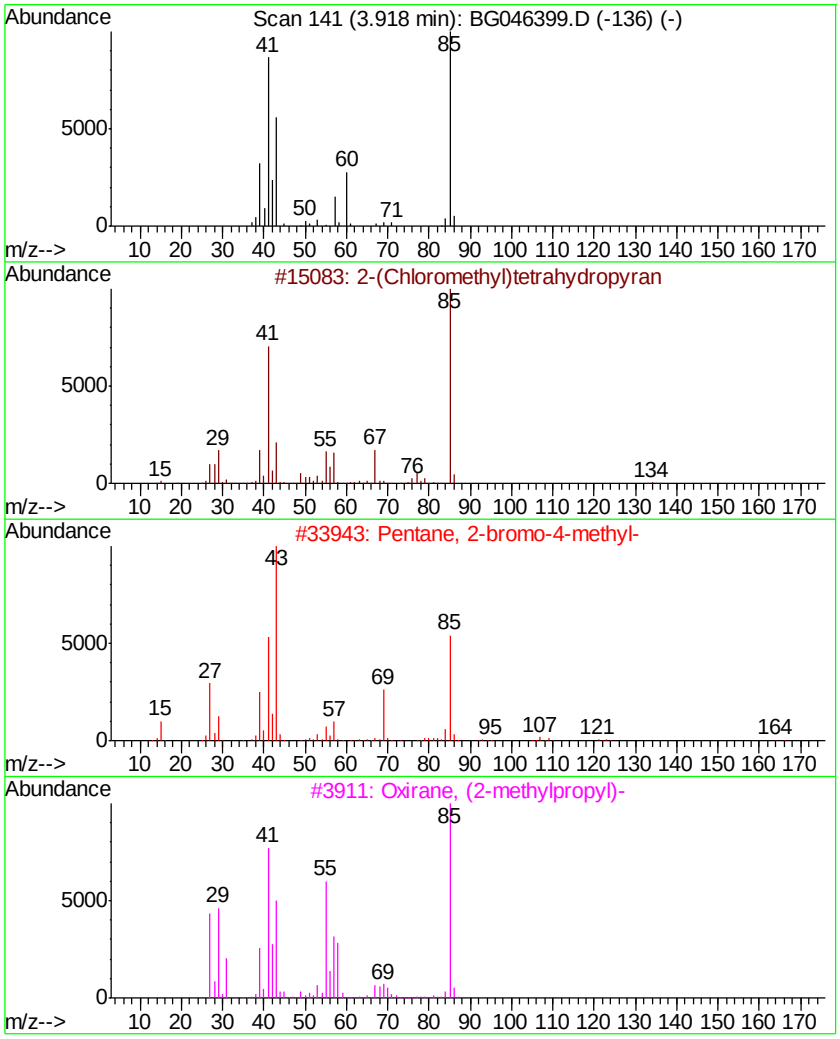
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

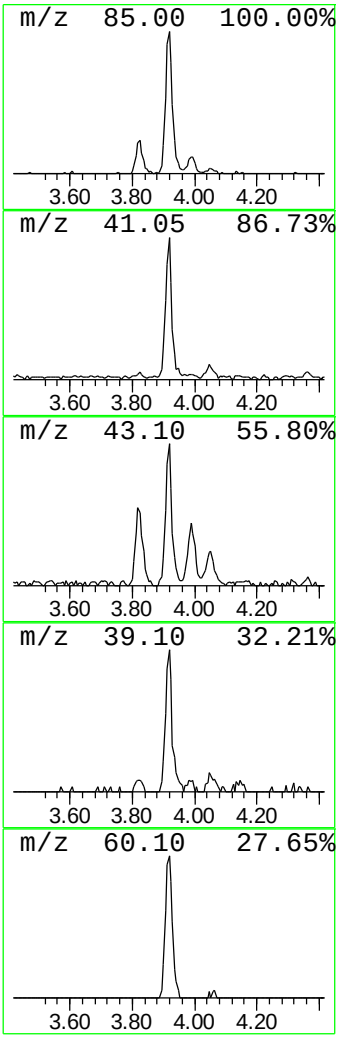
****

Peak Number 2 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	3.33 ng/ul	80649	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	42
2	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	38
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
4	2-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	28
5	2,2'-Bi-2H-pyran, octahydro-	170	C10H18O2	016282-29-4	23





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BFMJ1

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

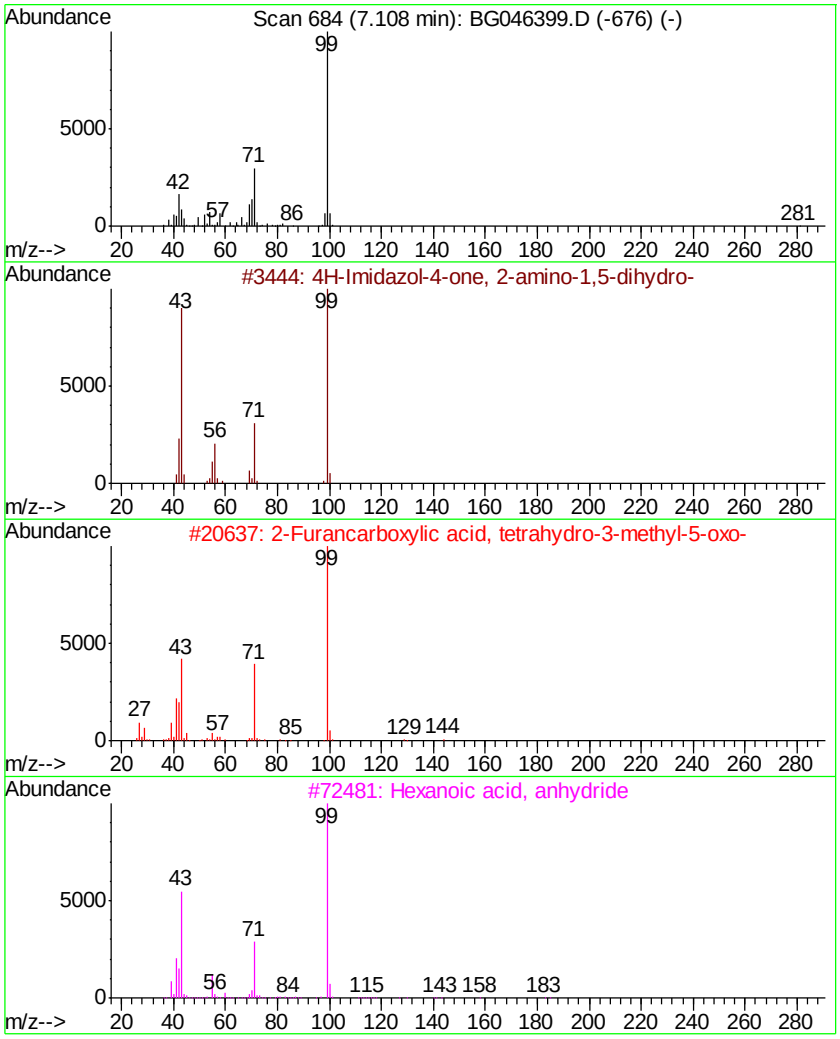
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

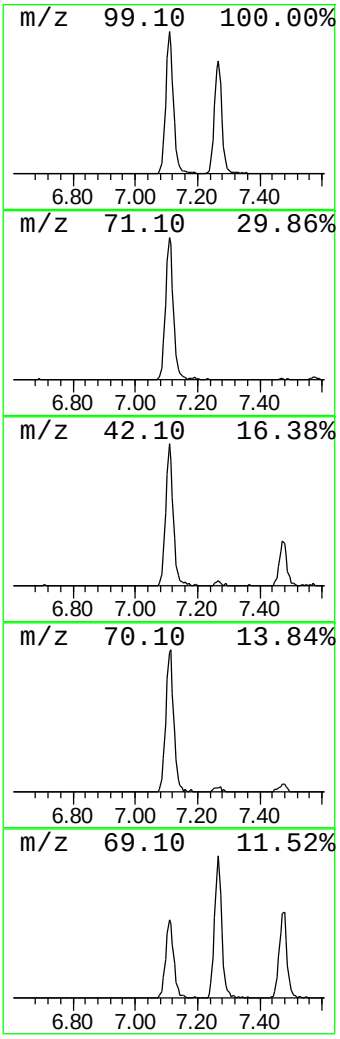
****

Peak Number 3 4H-Imidazol-4-one, 2-amino-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	16.28 ng/ul	394872	1,4-Dichlorobenzene-d4	7.94

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	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
4	Phenol-d6-	100	C6D6O	013127-88-3	43
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	39





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BFMJ1

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

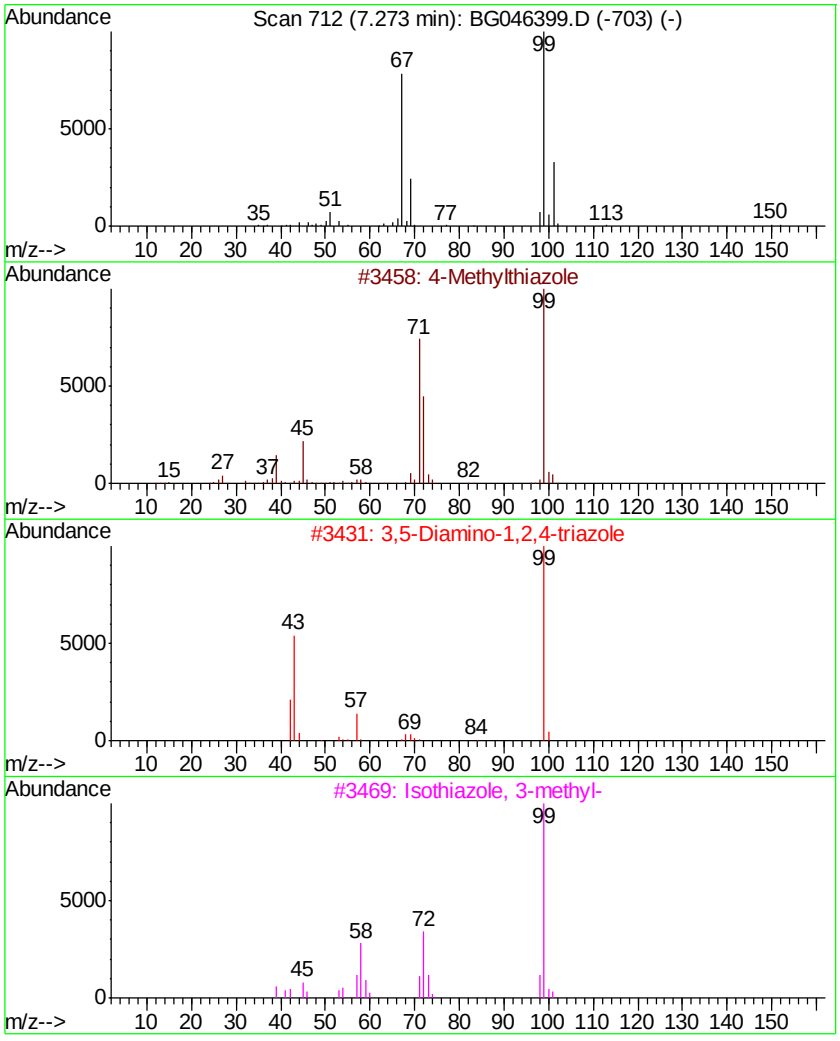
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

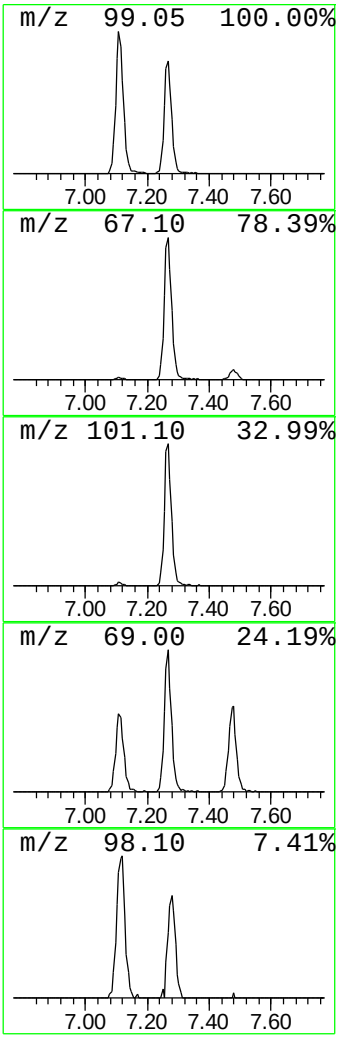
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	12.84 ng/ul	311513	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylthiazole	99	C4H5NS	000693-95-8	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	Propanedinitrile, dichloro-	134	C3Cl2N2	013063-43-9	9
5	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9





Library Search Compound Report

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Data File : BG046399.D
Acq On : 21 Aug 2020 5:20
Operator : CG/JU
Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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

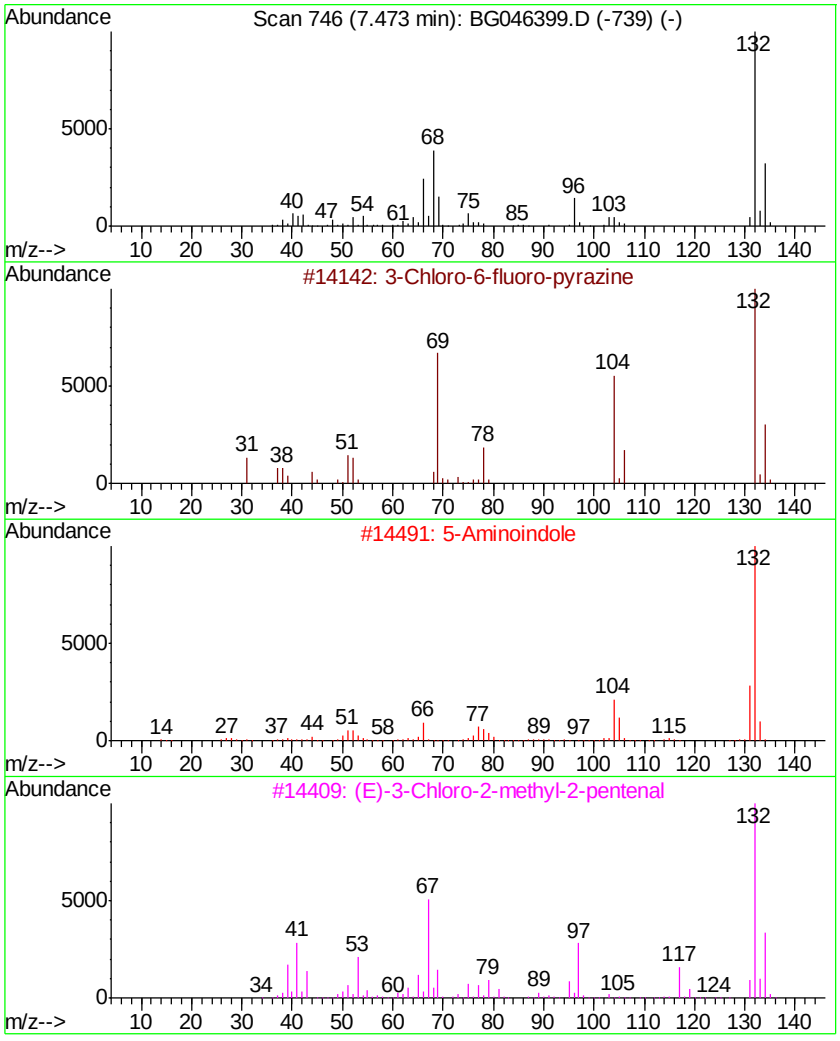
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

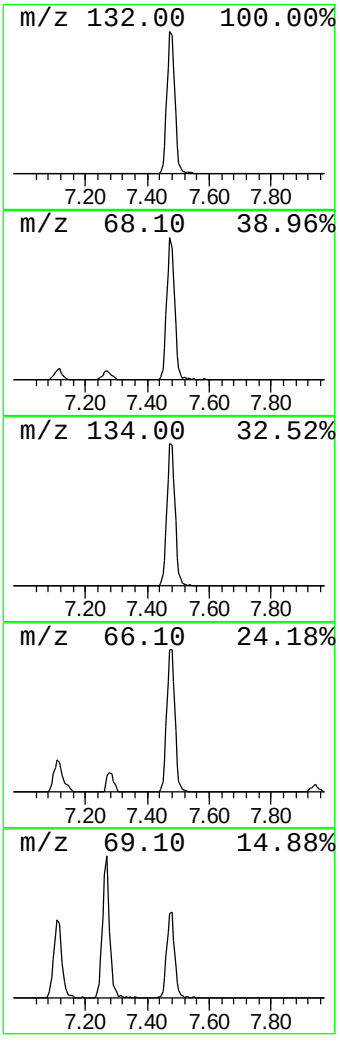
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	16.75 ng/ul	406148	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	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : L3635-15
Misc :
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Instrument : BNA_G
ClientSampleId : BFMJ1

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Quant Title : SVOA CALIBRATION

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

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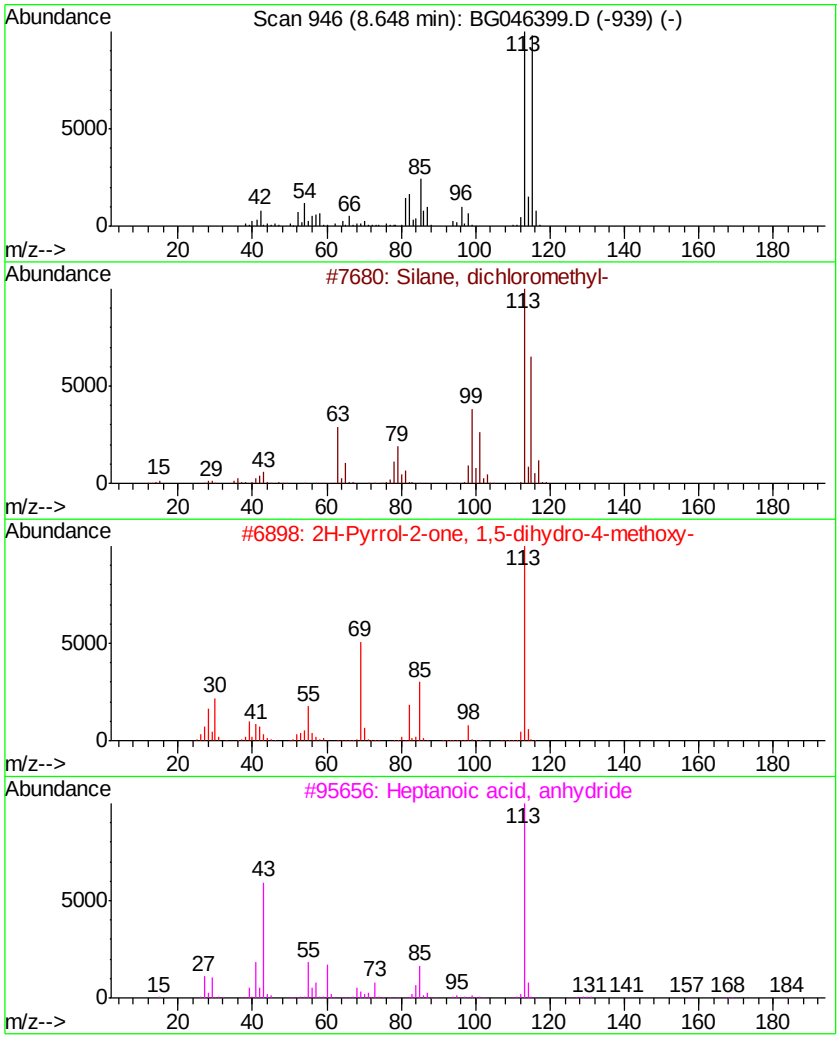
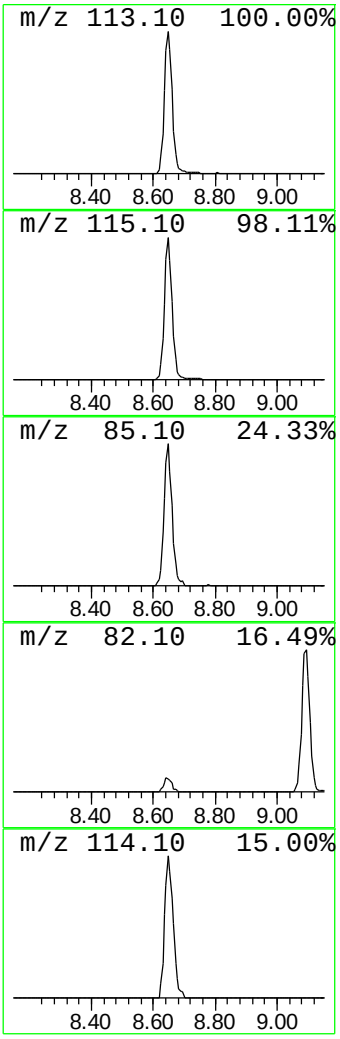
Peak Number 6 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	13.60 ng/ul	329862	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
5	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27





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Instrument : BNA_G
ClientSampleId : BFMJ1

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Quant Title : SVOA CALIBRATION

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

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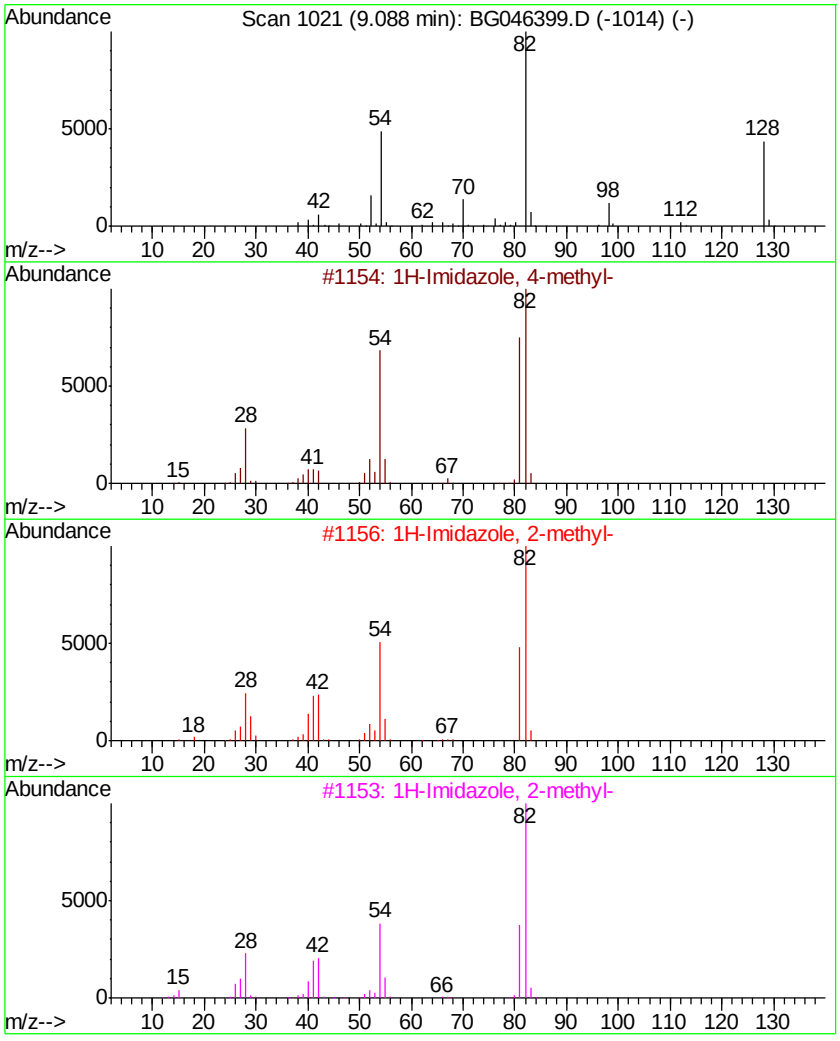
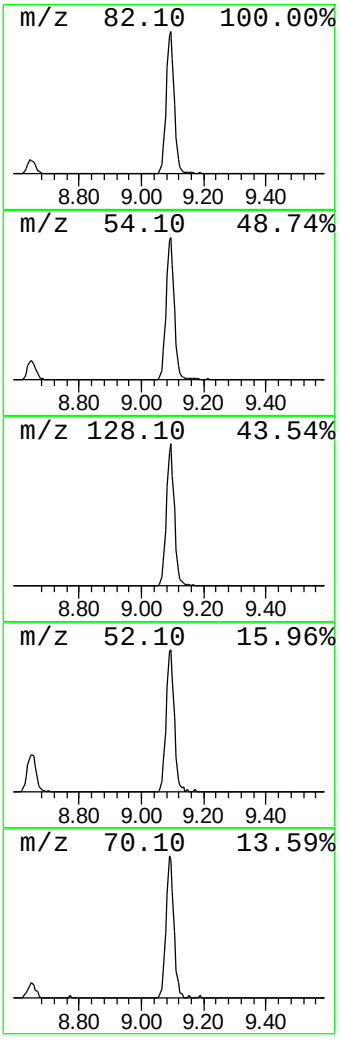
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	16.67 ng/ul	404275	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, 2-methyl-	82	C4H6N2	000693-98-1	40
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	35





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Quant Title : SVOA CALIBRATION

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

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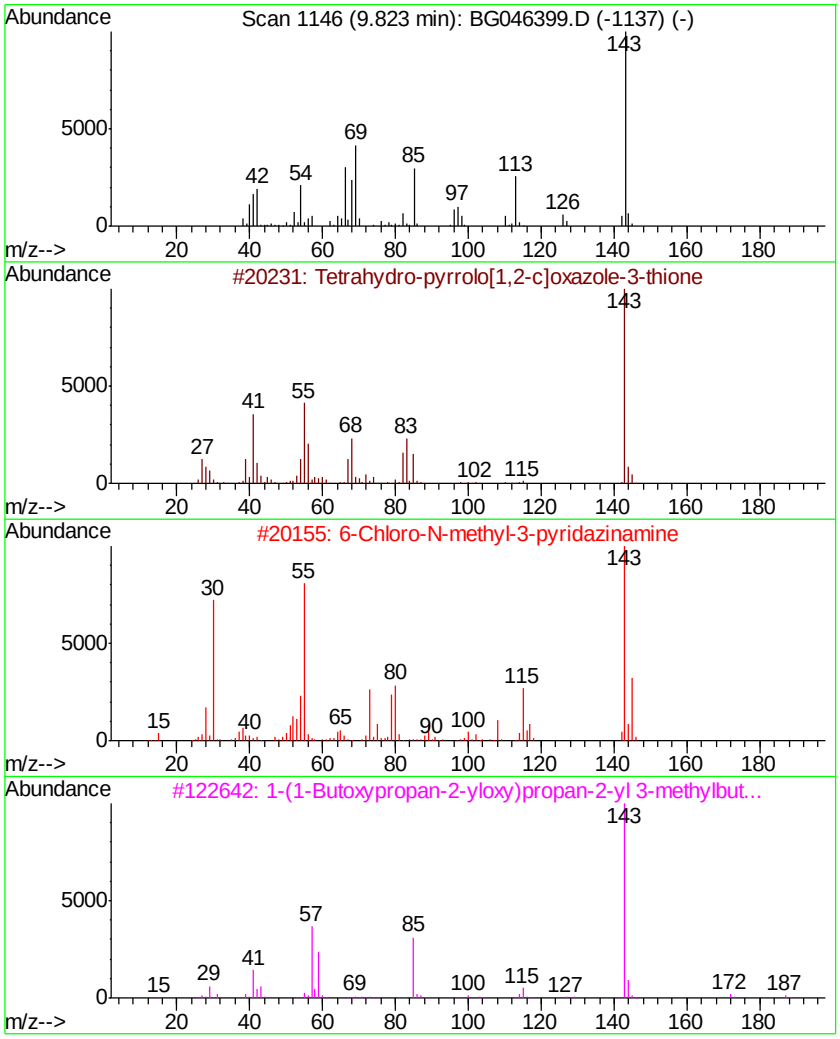
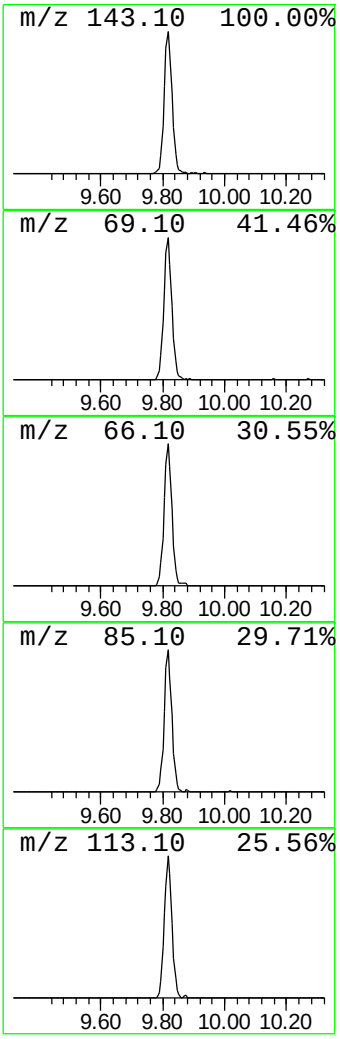
Peak Number 8 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.36 ng/ul	346468	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	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
4	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
5	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10





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Quant Title : SVOA CALIBRATION

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

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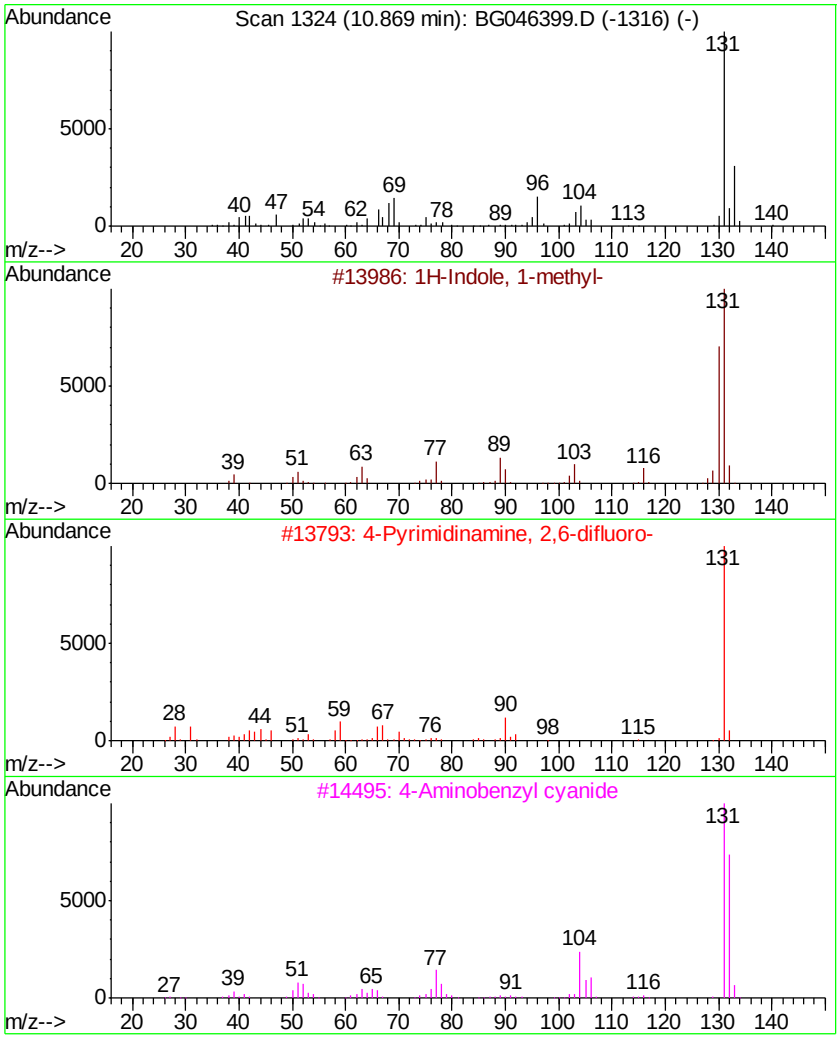
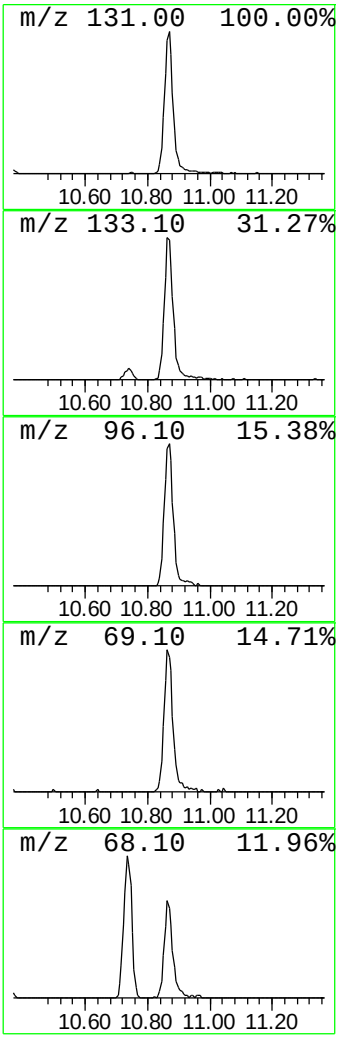
Peak Number 9 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	10.35 ng/ul	383401	Naphthalene-d8	10.74

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	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	9
4	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	9
5	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	9





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Quant Title : SVOA CALIBRATION

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

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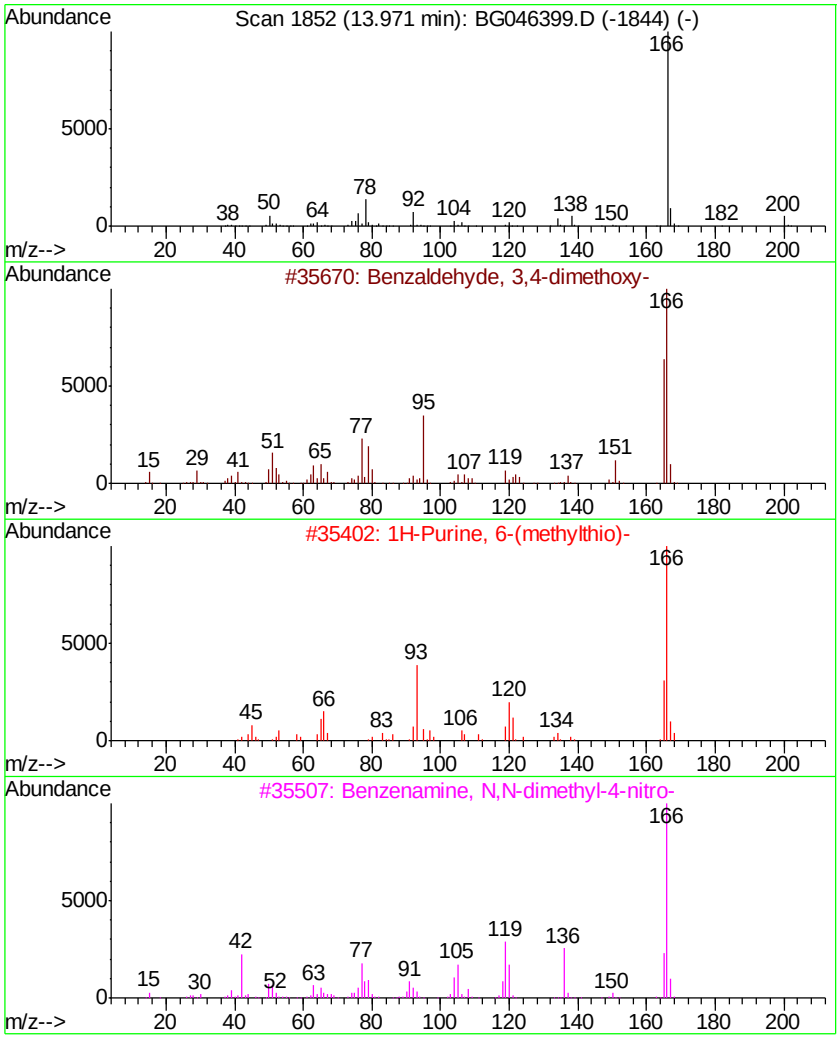
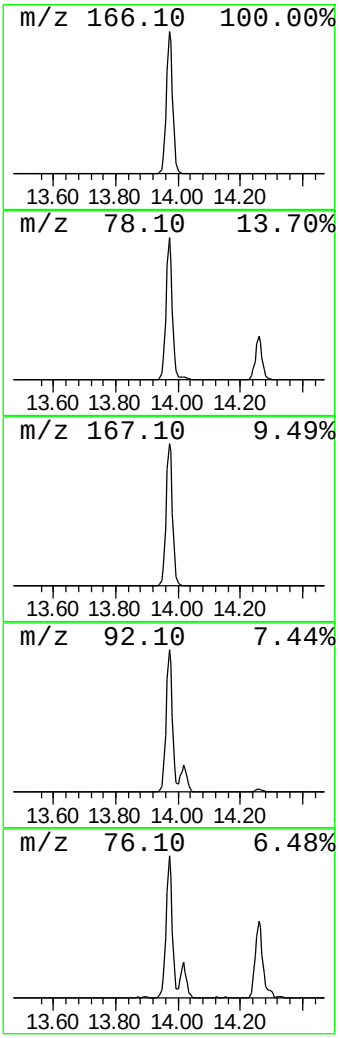
Peak Number 10 unknown-07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	16.74 ng/ul	901994	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	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
5	6H-Purine-6-thione, 1,7-dihydro-...	166	C6H6N4S	001126-23-4	9





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Quant Title : SVOA CALIBRATION

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

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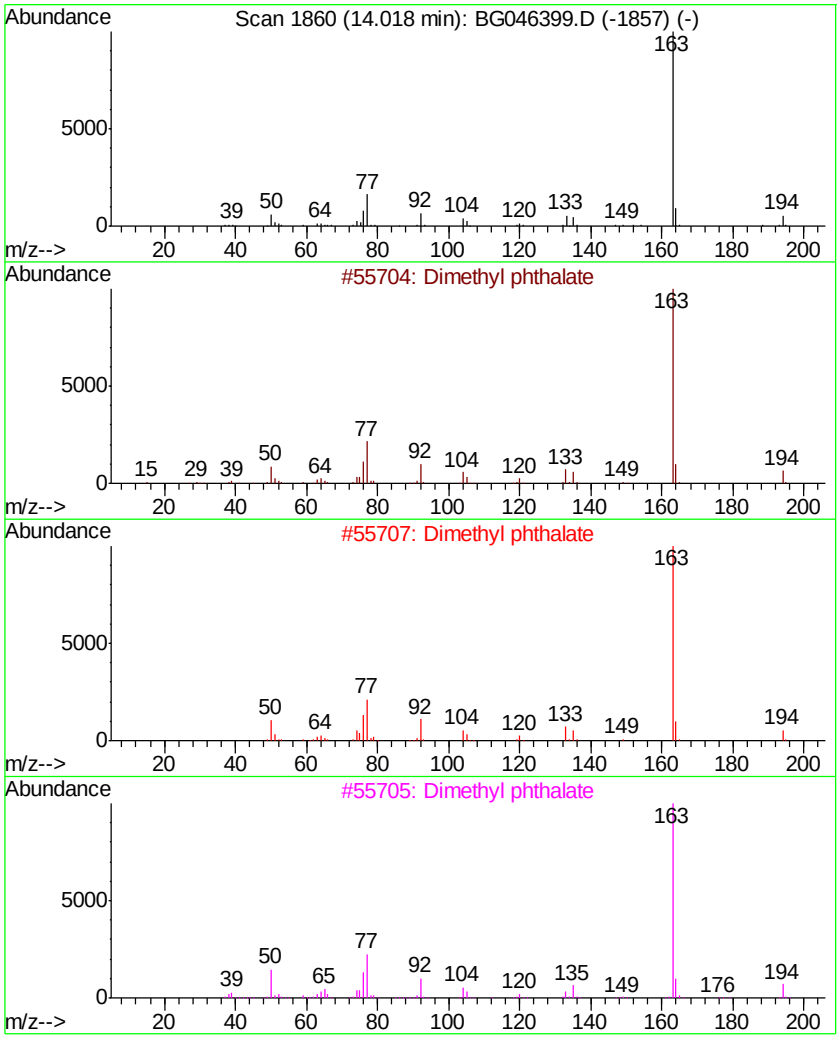
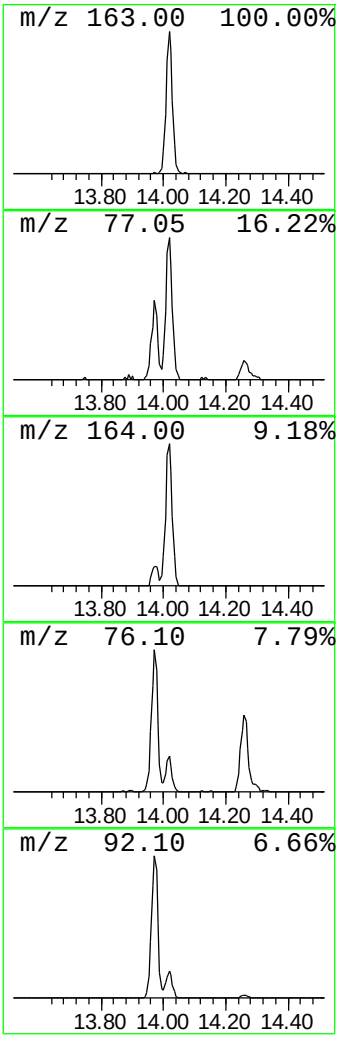
Peak Number 11 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.08 ng/ul	165827	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	83
5	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	78





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ClientSampleId : BFMJ1

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Quant Title : SVOA CALIBRATION

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

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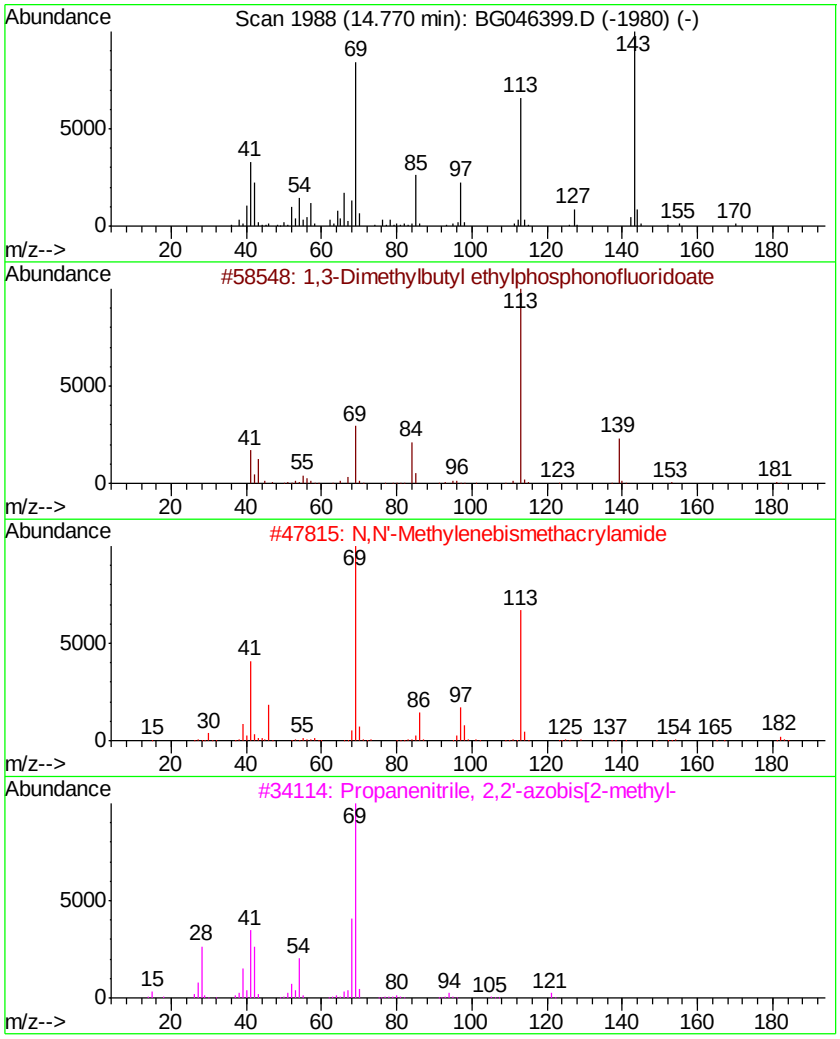
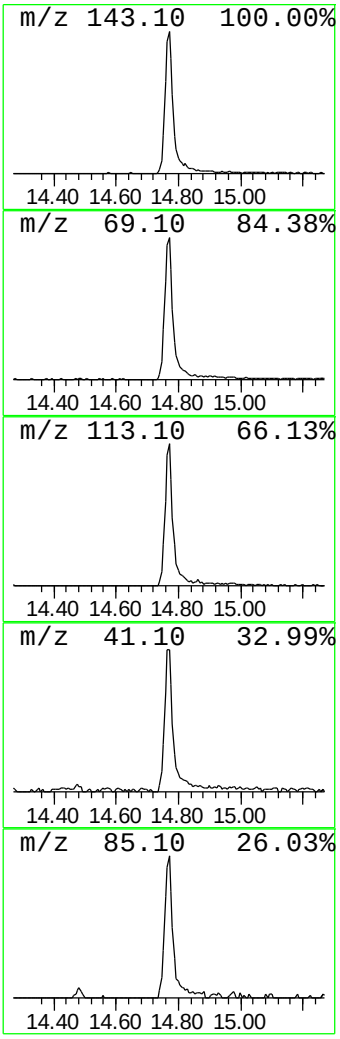
Peak Number 12 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.91 ng/ul	318435	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylbutyl ethylphosphono...	196	C8H18FO2P	1000298-32-2	38
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22
4	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16
5	Glutaric acid, ethyl 3-octyl ester	272	C15H28O4	1000377-42-0	12





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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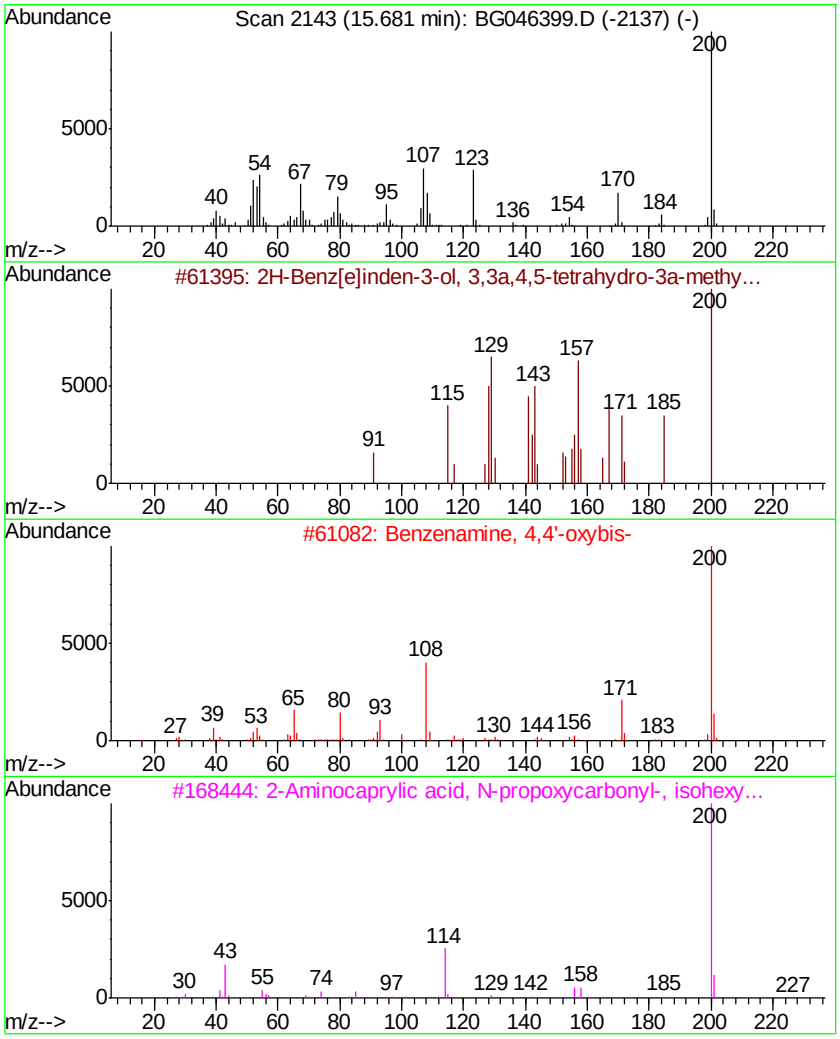
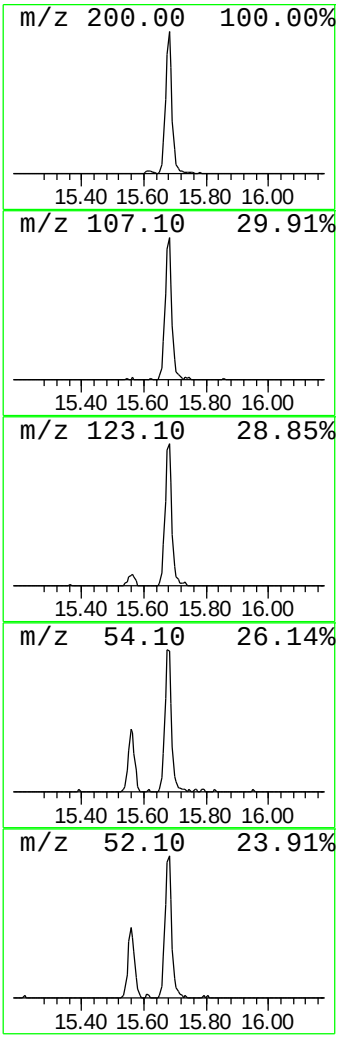
Peak Number 13 unknown-09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.71 ng/ul	307869	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	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	18
3	2-Aminocaprylic acid, N-propoxyc...	329	C18H35NO4	1000325-42-2	10
4	2,3-Dihydro-6-isopropyl-1,2,4-tr...	200	C6H8N4S2	014778-89-3	9
5	2,2'-Bipyridyl-5-carboxylic acid	200	C11H8N2O2	001970-80-5	9





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Quant Title : SVOA CALIBRATION

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

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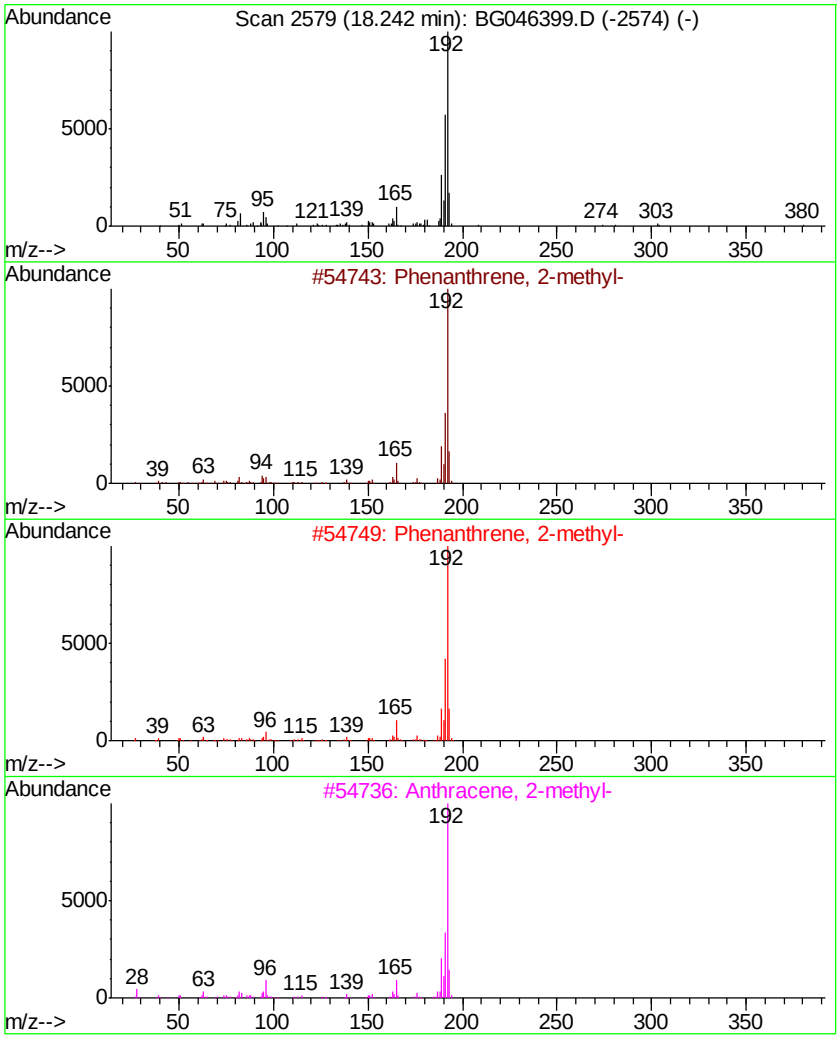
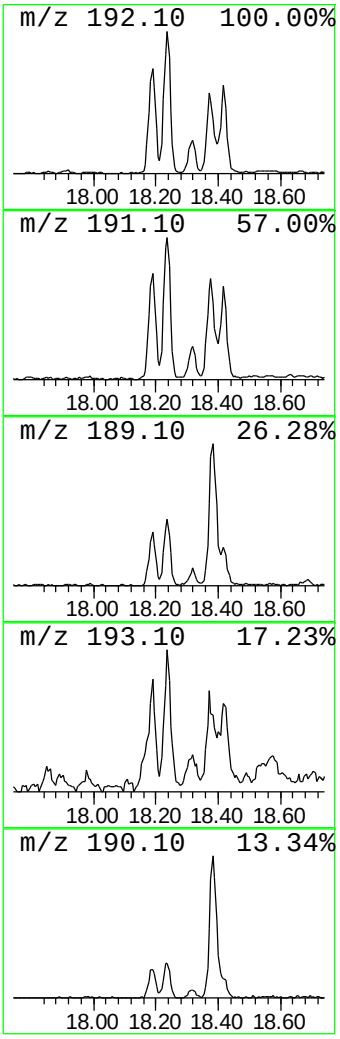
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.39 ng/ul	153955	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Quant Title : SVOA CALIBRATION

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

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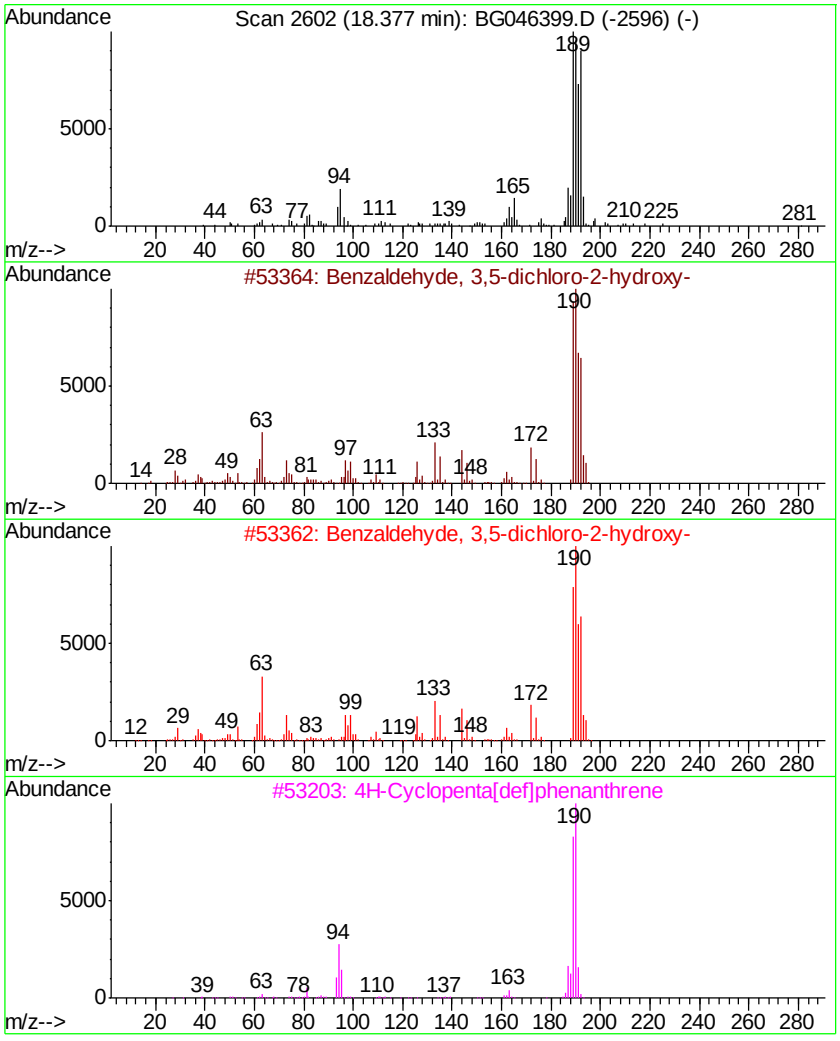
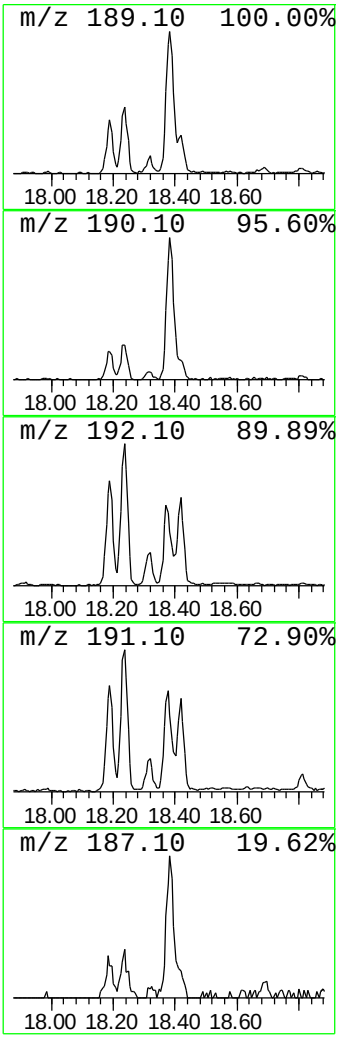
Peak Number 15 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.76 ng/ul	178181	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Quant Title : SVOA CALIBRATION

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Peak Number 16 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.05 ng/ul	132514	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
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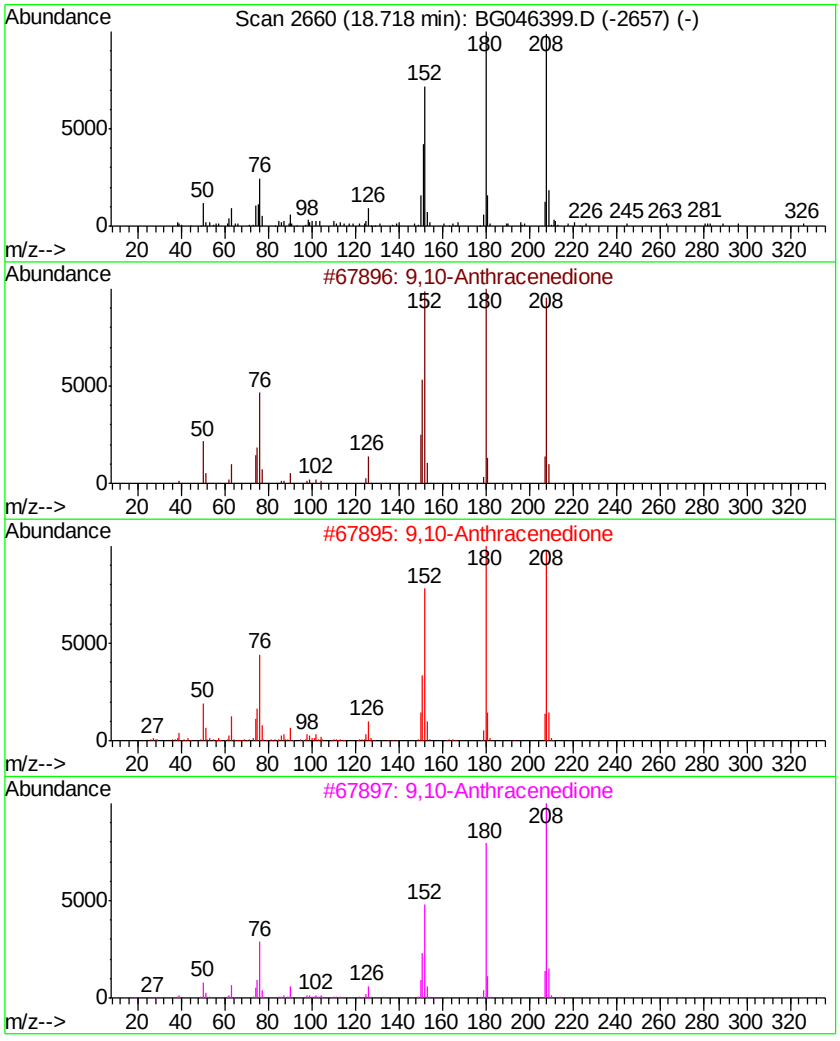

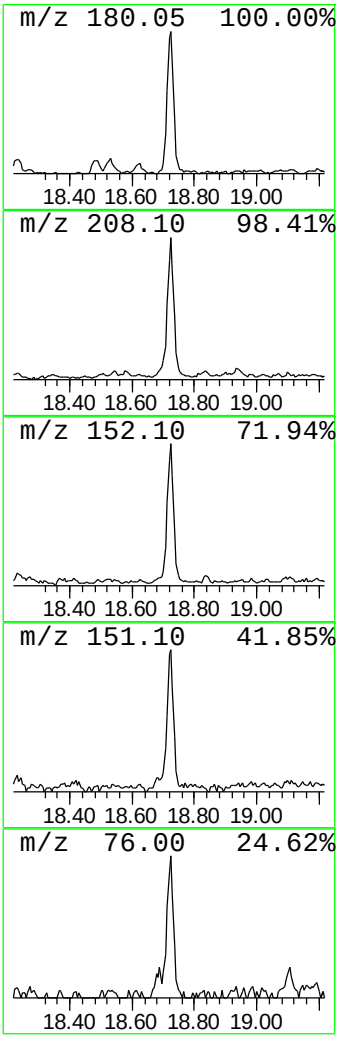

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Data File : BG046399.D
Acq On : 21 Aug 2020 5:20
Operator : CG/JU
Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

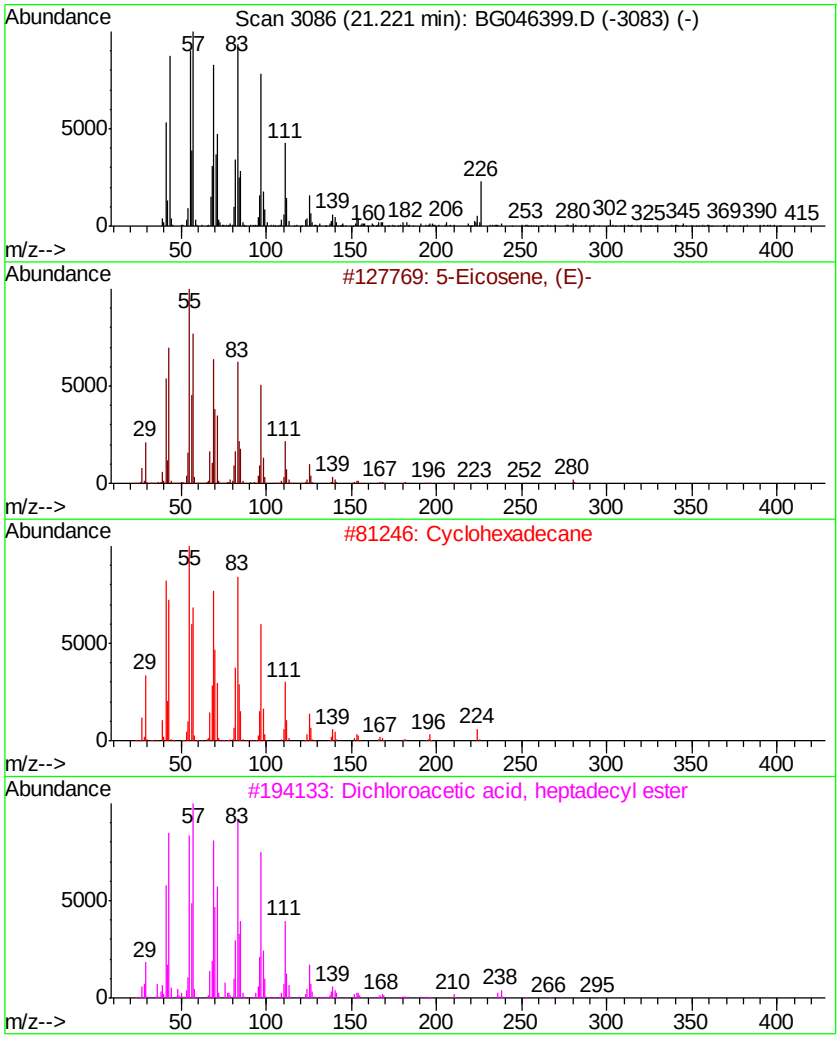
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

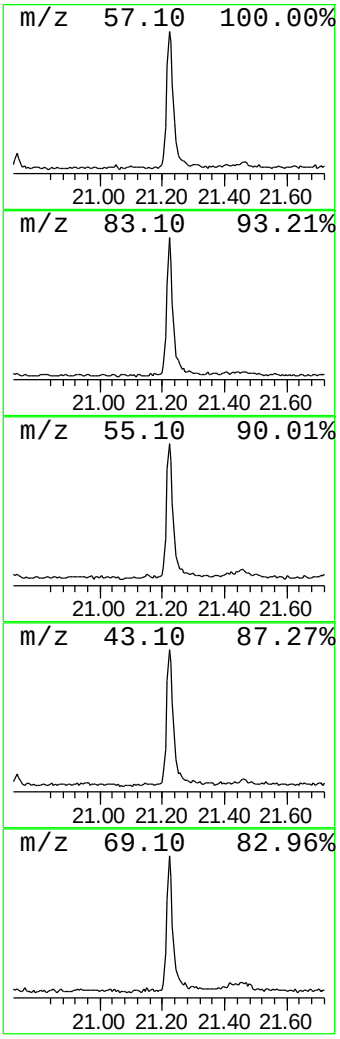
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	5.46 ng/ul	537213	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	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046399.D
Acq On : 21 Aug 2020 5:20
Operator : CG/JU
Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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

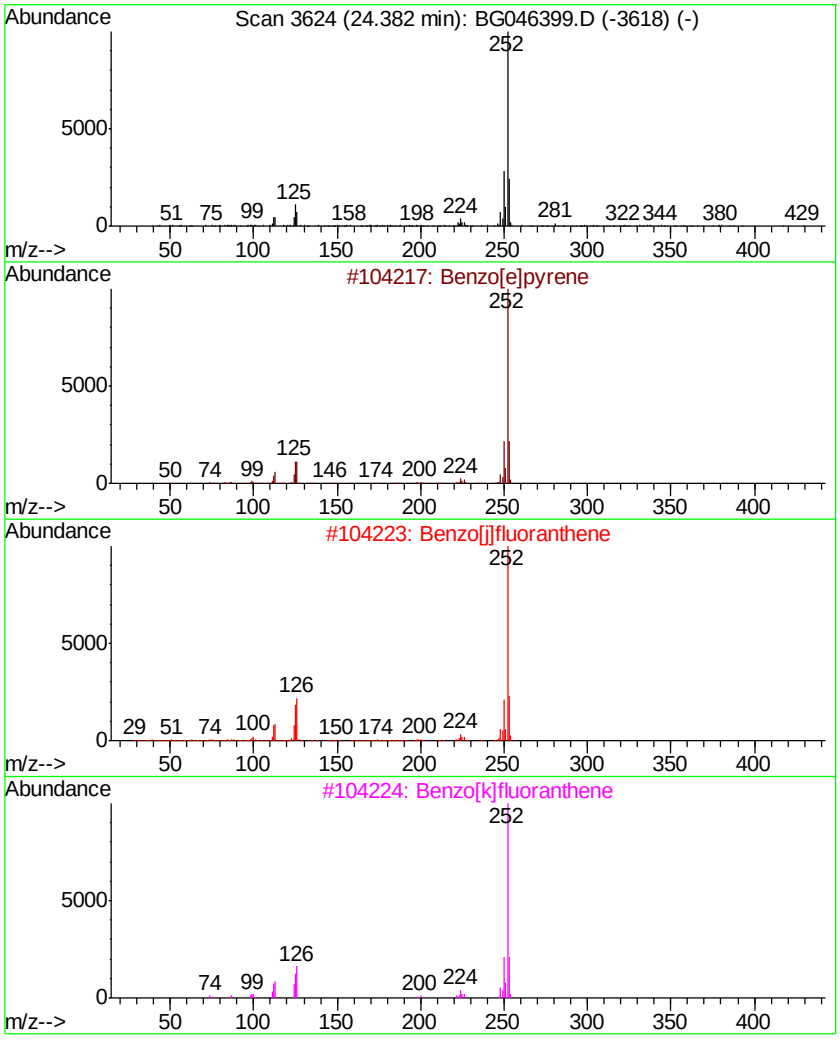
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

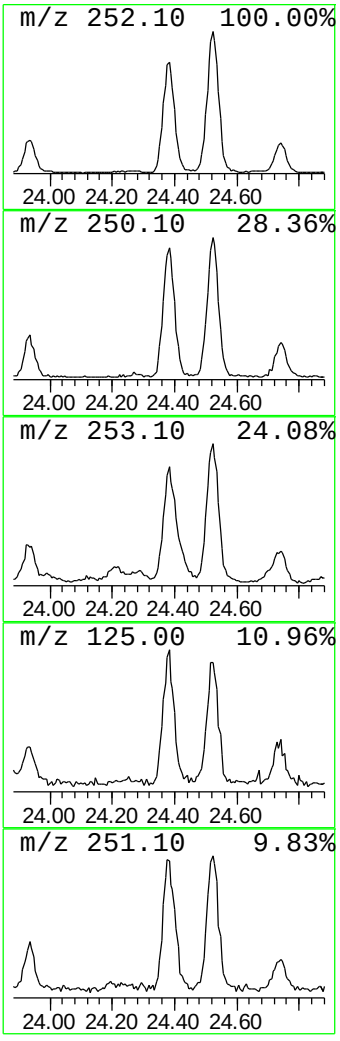
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	3.93 ng/ul	319701	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[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046399.D
Acq On : 21 Aug 2020 5:20
Operator : CG/JU
Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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

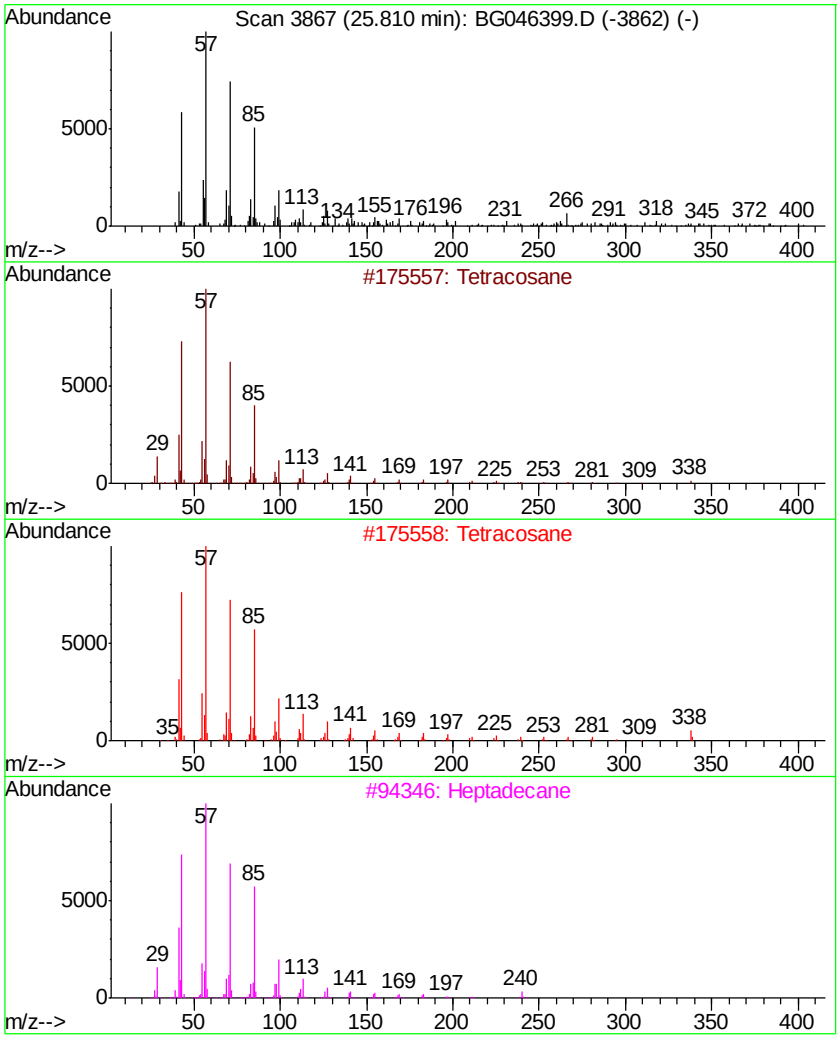
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

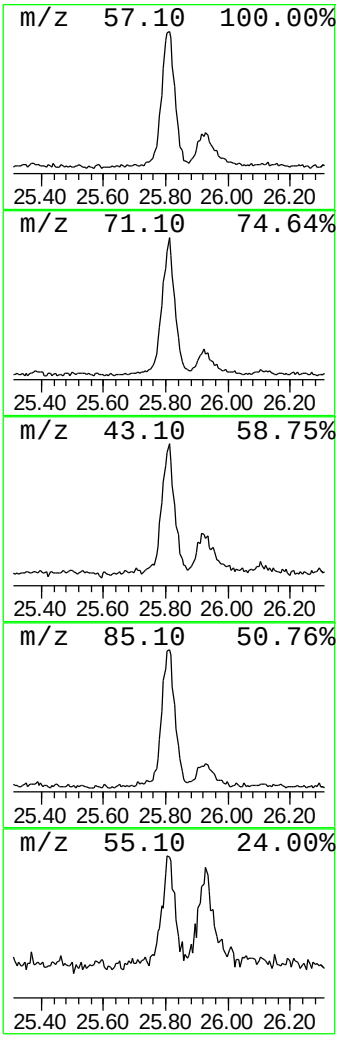
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	3.41 ng/ul	277371	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Tetracosane	338	C24H50	000646-31-1	93
5	Eicosane	282	C20H42	000112-95-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046399.D
Acq On : 21 Aug 2020 5:20
Operator : CG/JU
Sample : L3635-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMJ1

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...	3.14	110.3	ng/ul	2675470	1	7.94	485093	20.0
unknown-01	3.92	3.3	ng/ul	80649	1	7.94	485093	20.0
4H-Imidazol-4-one...	7.11	16.3	ng/ul	394872	1	7.94	485093	20.0
unknown-02	7.27	12.8	ng/ul	311513	1	7.94	485093	20.0
unknown-03	7.47	16.8	ng/ul	406148	1	7.94	485093	20.0
unknown-04	8.65	13.6	ng/ul	329862	1	7.94	485093	20.0
1H-Imidazole, 4-m...	9.09	16.7	ng/ul	404275	1	7.94	485093	20.0
unknown-05	9.82	9.4	ng/ul	346468	2	10.74	740609	20.0
unknown-06	10.87	10.4	ng/ul	383401	2	10.74	740609	20.0
unknown-07	13.97	16.7	ng/ul	901994	3	14.57	1077710	20.0
Dimethyl phthalate	14.02	3.1	ng/ul	165827	3	14.57	1077710	20.0
unknown-08	14.77	5.9	ng/ul	318435	3	14.57	1077710	20.0
unknown-09	15.68	5.7	ng/ul	307869	3	14.57	1077710	20.0
Phenanthrene, 2-m...	18.24	2.4	ng/ul	153955	4	17.31	1290220	20.0
Benzaldehyde, 3,5...	18.38	2.8	ng/ul	178181	4	17.31	1290220	20.0
9,10-Anthracenedione	18.72	2.0	ng/ul	132514	4	17.31	1290220	20.0
(DEL) Alkane: Str...	21.22	5.5	ng/ul	537213	5	21.56	1967740	20.0
Benzo[e]pyrene	24.38	3.9	ng/ul	319701	6	24.67	1628520	20.0
(DEL) Alkane: Str...	25.81	3.4	ng/ul	277371	6	24.67	1628520	20.0