LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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	3.166	8	13	45	rVB	1791127	3646378	100.00%	10.621%
2	3.425	53	57	63	rVB2	11090	19759	0.54%	0.058%
3	3.942	140	145	150	rBV	28610	45674	1.25%	0.133%
4	4.071	162	167	172	rBV2	18050	30096	0.83%	0.088%
5	5.070	332	337	343	rBV	13566	21705	0.60%	0.063%
6	7.115	678	685	695	rBV	272518	483078	13.25%	1.407%
7	7.279	706	713	723	rBV	222037	373867	10.25%	1.089%
8	7.485	739	748	757	rBV	284558	490207	13.44%	1.428%
9	7.949	820	827	836	rBV	338969	587227	16.10%	1.710%
10	8.654	940	947	957	rBV	304719	527760	14.47%	1.537%
11	8.771	961	967	972	rVB2	11097	20361	0.56%	0.059%
12	9.101	1015	1023	1031	rBV	248529	443297	12.16%	1.291%
13	9.823	1138	1146	1155	rBV	212443	380276	10.43%	1.108%
14	10.370	1230	1239	1249	rBV	339439	623437	17.10%	1.816%
15	10.746	1294	1303	1310	rBV	464308	836982	22.95%	2.438%
16	10.875	1317	1325	1339	rBV	214979	422538	11.59%	1.231%
17	12.408	1580	1586	1592	rVB3	6388	12009	0.33%	0.035%
18	13.977	1844	1853	1858	rVV	626543	939571	25.77%	2.737%
19	14.024	1858	1861	1868	rVV	130240	187769	5.15%	0.547%
20	14.265	1895	1902	1918	rVB	715546	1175943	32.25%	3.425%
21	14.576	1945	1955	1961	rBV	736256	1152747	31.61%	3.358%
22	14.635	1961	1965	1970	rVV2	7202	12613	0.35%	0.037%
23	14.764	1981	1987	2001	rBV	180622	358850	9.84%	1.045%
24	14.917	2009	2013	2017	rVV3	10646	19001	0.52%	0.055%
25	14.976	2019	2023	2030	rVV3	14095	31637	0.87%	0.092%
26	15.446	2099	2103	2108	rVB6	7538	12205	0.33%	0.036%
27	15.569	2117	2124	2130	rBV	923090	1450645	39.78%	4.225%
28	15.622	2130	2133	2137	rVB4	16138	20906	0.57%	0.061%
29	15.681	2137	2143	2152	rVB	210619	329551	9.04%	0.960%
30	15.804	2159	2164	2168	rBV3	11171	17131	0.47%	0.050%
31	15.916	2178	2183	2193	rVB5	9754	19995	0.55%	0.058%
32	16.063	2204	2208	2216	rVB4	7843	16641	0.46%	0.048%
33	16.298	2243	2248	2250	rVV5	12363	17120	0.47%	0.050%
34	16.345	2253	2256	2262	rVV2	11590	18541	0.51%	0.054%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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	16.639	2297	2306	2309	rVV8	6083	15843	0.43%	0.046%
36	16.856	2336	2343	2346	rBV4	11886	19562	0.54%	0.057%
37	16.897	2346	2350	2353	rVV4	9217	13523	0.37%	0.039%
38	16.968	2358	2362	2371	rVB3	22055	41487	1.14%	0.121%
39	17.097	2380	2384	2388	rVV5	9898	16613	0.46%	0.048%
40	17.138	2388	2391	2395	rVB2	12154	17649	0.48%	0.051%
41	17.220	2399	2405	2409	rBV6	8322	12915	0.35%	0.038%
42	17.314	2414	2421	2426	rBV	896980	1393344	38.21%	4.058%
43	17.361	2426	2429	2433	rVV	217013	293500	8.05%	0.855%
44	17.414	2433	2438	2449	rVB	969367	1500287	41.14%	4.370%
45	17.502	2449	2453	2460	rVB5	13571	23668	0.65%	0.069%
46	17.714	2481	2489	2493	rBV2	20023	41854	1.15%	0.122%
47	17.831	2506	2509	2514	rVB3	14537	19518	0.54%	0.057%
48	17.896	2515	2520	2527	rVB7	15002	22897	0.63%	0.067%
49	18.108	2552	2556	2561	rVB7	10019	14695	0.40%	0.043%
50	18.160	2561	2565	2566	rBV3	13613	17885	0.49%	0.052%
51	18.219	2566	2575	2583	rVV2	236252	512332	14.05%	1.492%
52	18.278	2583	2585	2588	rVV	19955	27762	0.76%	0.081%
53	18.319	2589	2592	2597	rVB	16841	26817	0.74%	0.078%
54	18.384	2597	2603	2607	rBV3	65228	125138	3.43%	0.364%
55	18.425	2607	2610	2617	rVB	41094	62330	1.71%	0.182%
56	18.513	2619	2625	2628	rBV6	20252	38491	1.06%	0.112%
57	18.689	2650	2655	2658	rBV	47600	71672	1.97%	0.209%
58	18.725	2658	2661	2667	rVV	61145	79928	2.19%	0.233%
59	18.936	2693	2697	2702	rVB4	19475	26482	0.73%	0.077%
60	18.989	2702	2706	2709	rBV2	18989	27683	0.76%	0.081%
61	19.024	2709	2712	2716	rVB3	21411	29509	0.81%	0.086%
62	19.106	2718	2726	2731	rBV2	65659	121620	3.34%	0.354%
63	19.165	2731	2736	2739	rBV5	18903	41290	1.13%	0.120%
64	19.242	2745	2749	2757	rVB	49844	86281	2.37%	0.251%
65	19.365	2762	2770	2776	rVB	608344	852233	23.37%	2.482%
66	19.435	2778	2782	2784	rBV4	12825	16392	0.45%	0.048%
67	19.488	2785	2791	2793	rBV4	52943	78104	2.14%	0.227%
68	19.512	2793	2795	2799	rVB	34170	41434	1.14%	0.121%
69	19.559	2799	2803	2805	rBV4	21208	29185	0.80%	0.085%
70	19.700	2821	2827	2830	rBV2	1295624	2045351	56.09%	5.957%
71	19.729	2830	2832	2840	rVB	574398	652203	17.89%	1.900%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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	19.806	2841	2845	2848	rVV2	33302	47807	1.31%	0.139%
73	19.841	2848	2851	2855	rVB	49247	57873	1.59%	0.169%
74	19.905	2858	2862	2866	rBV	35342	56079	1.54%	0.163%
75	19.964	2869	2872	2878	rVB2	43815	62559	1.72%	0.182%
76	20.047	2881	2886	2895	rBV4	61658	179136	4.91%	0.522%
77	20.188	2906	2910	2911	rBV3	36902	48207	1.32%	0.140%
78	20.217	2912	2915	2919	rVB	82255	116960	3.21%	0.341%
79	20.317	2929	2932	2936	rBV	43652	63926	1.75%	0.186%
80	20.376	2938	2942	2947	rVB2	78305	123578	3.39%	0.360%
81	20.517	2963	2966	2969	rBV	42116	52113	1.43%	0.152%
82	20.564	2971	2974	2978	rVB3	44160	53601	1.47%	0.156%
83	20.969	3040	3043	3052	rVB	84525	129040	3.54%	0.376%
84	21.192	3078	3081	3084	rBV	55505	79652	2.18%	0.232%
85	21.227	3084	3087	3095	rVV3	498852	823910	22.60%	2.400%
86	21.298	3095	3099	3107	rVB	88109	169095	4.64%	0.493%
87	21.562	3136	3144	3149	rBV2	1030270	2133248	58.50%	6.213%
88	21.609	3149	3152	3161	rVB	297844	467583	12.82%	1.362%
89	21.780	3177	3181	3184	rBV2	60709	77468	2.12%	0.226%
90	22.379	3279	3283	3289	rVB3	165197	298347	8.18%	0.869%
91	23.043	3392	3396	3401	rVB	78239	126714	3.48%	0.369%
92	23.372	3450	3452	3462	rVB5	93392	148311	4.07%	0.432%
93	23.689	3499	3506	3515	rBV	242125	832709	22.84%	2.425%
94	23.819	3523	3528	3533	rBV	183618	378311	10.37%	1.102%
95	23.871	3533	3537	3544	rVB2	195392	389203	10.67%	1.134%
96	24.388	3619	3625	3629	rBV	118999	271722	7.45%	0.791%
97	24.459	3630	3637	3644	rVV	583241	1396694	38.30%	4.068%
98	24.670	3664	3673	3680	rBV2	554949	1525750	41.84%	4.444%
99	25.828	3863	3870	3880	rVB	184982	510473	14.00%	1.487%
100	25.940	3882	3889	3911	rVB6	125382	509727	13.98%	1.485%

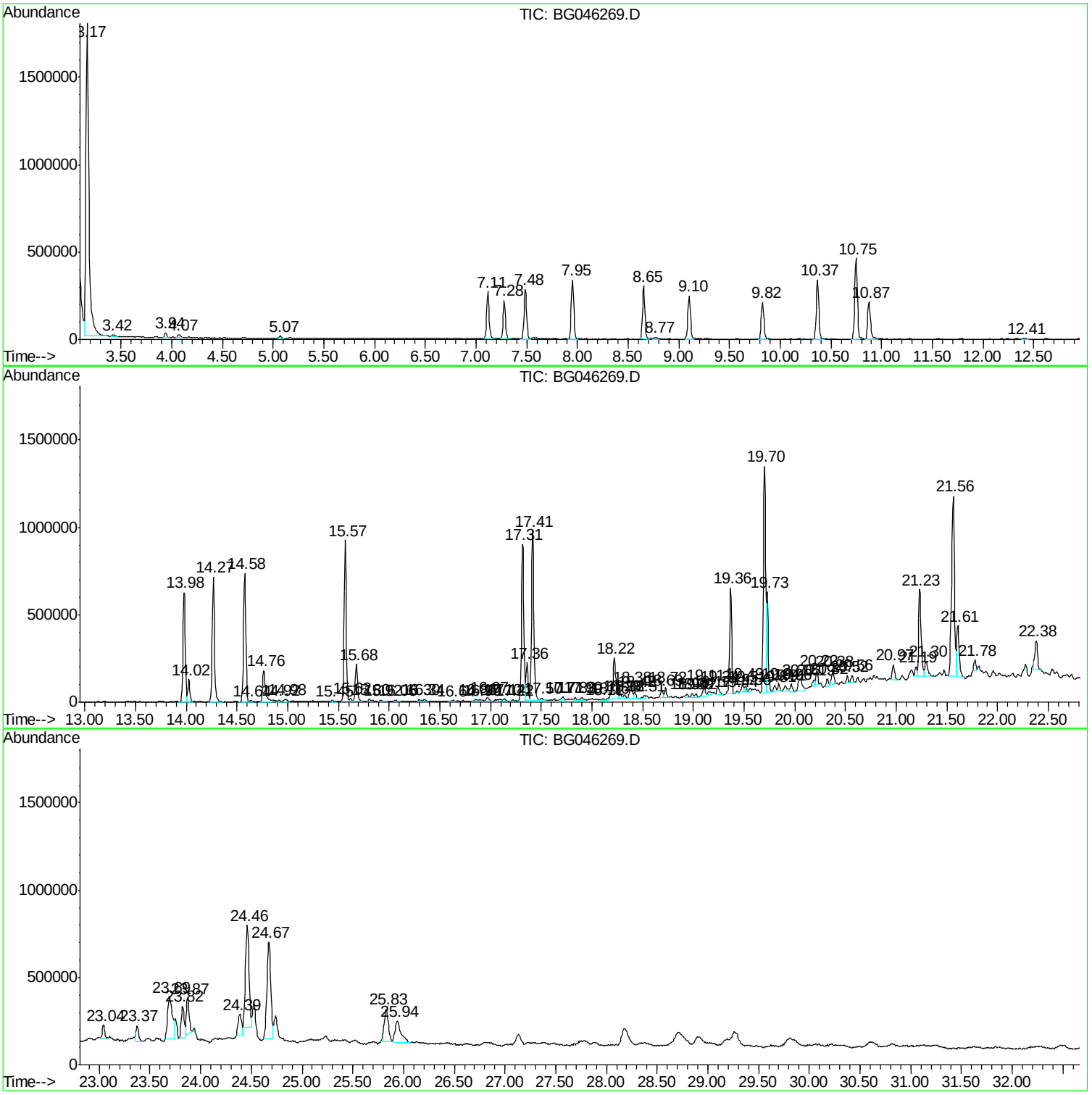
Sum of corrected areas: 34332790

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM54

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 : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

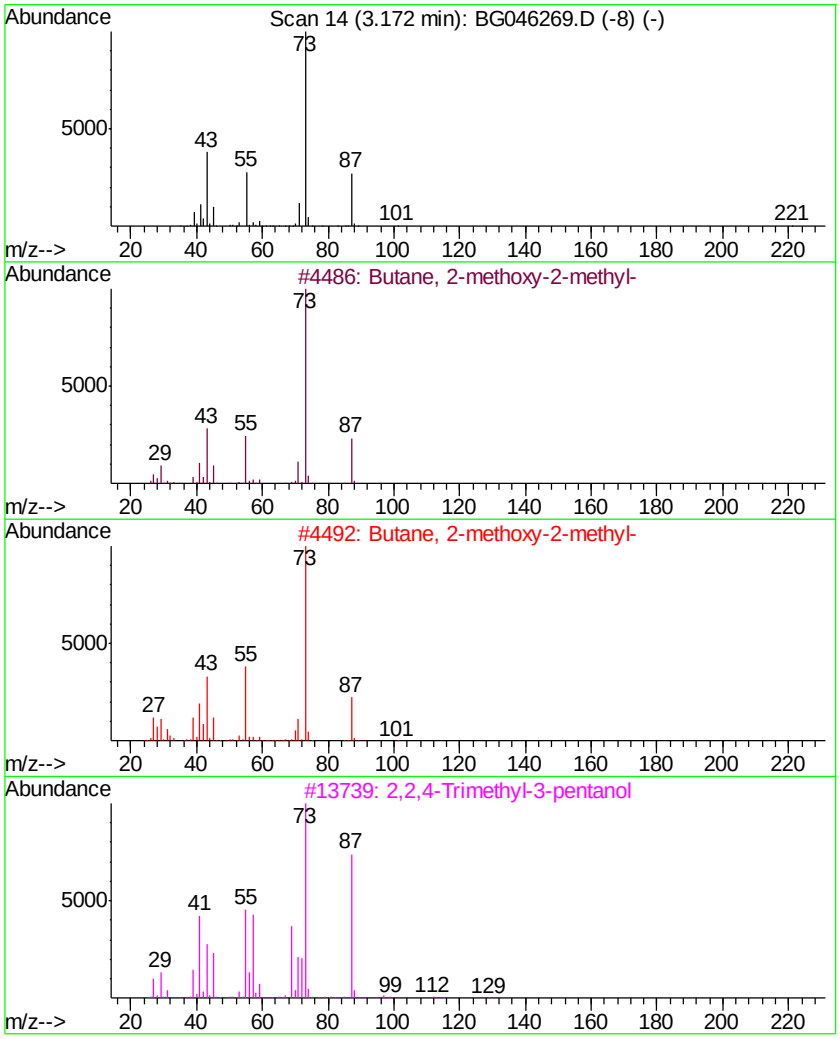
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

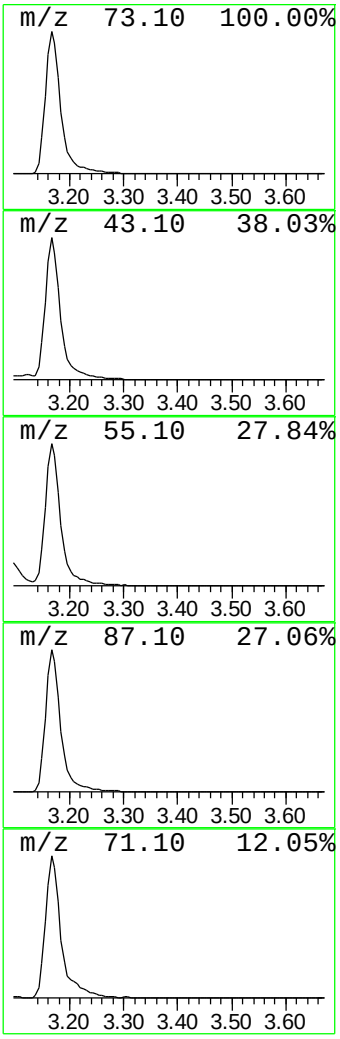
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	124.19 ng/ul	3646380	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

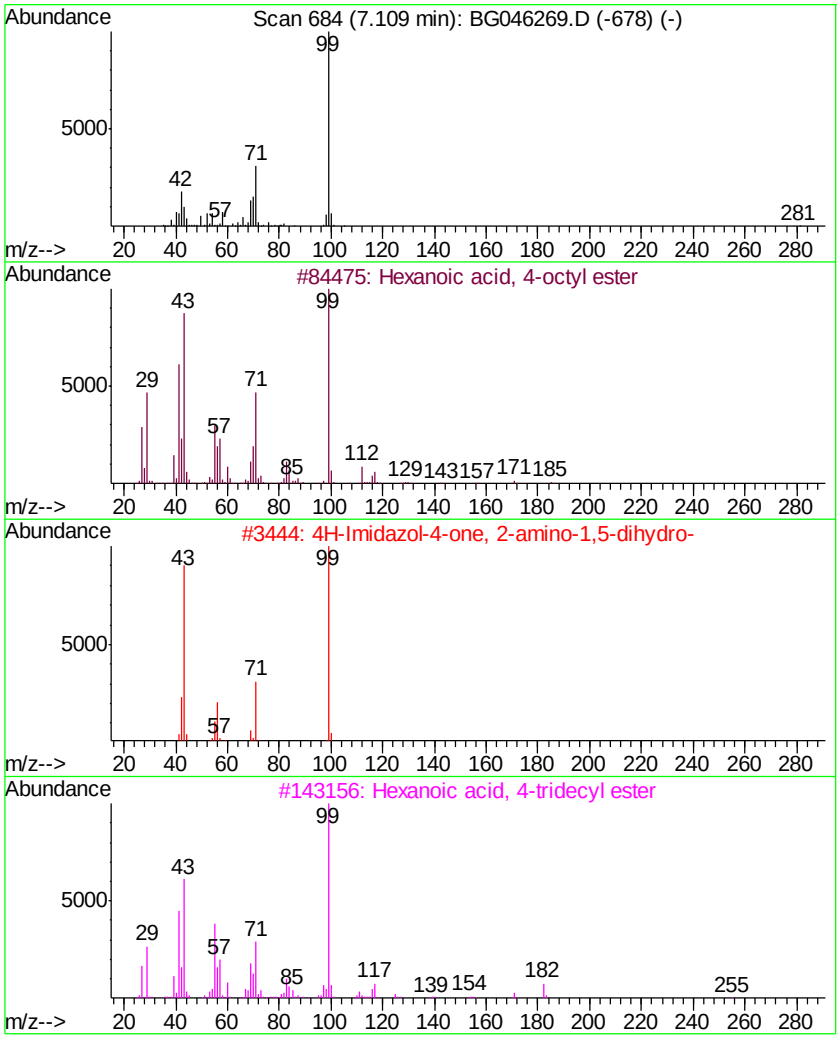
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

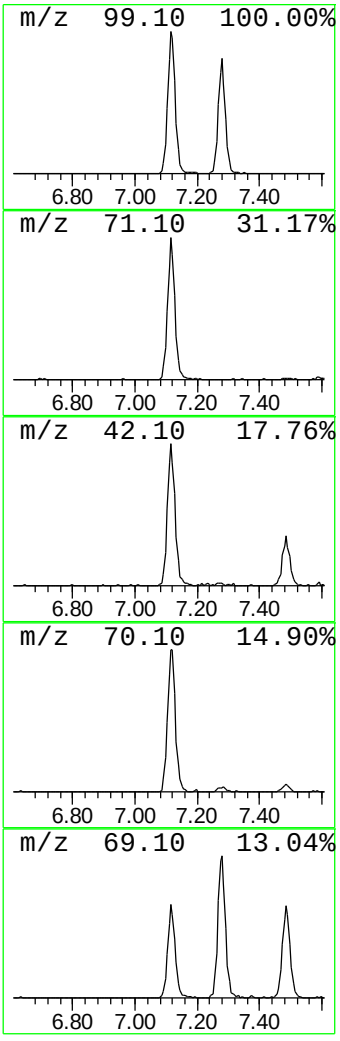
****

Peak Number 2 Hexanoic acid, 4-octyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	16.45 ng/ul	483078	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-octyl ester	228	C14H28O2	1000160-13-3	72
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
3	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
4	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
5	Phenol-d6-	100	C6D6O	013127-88-3	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

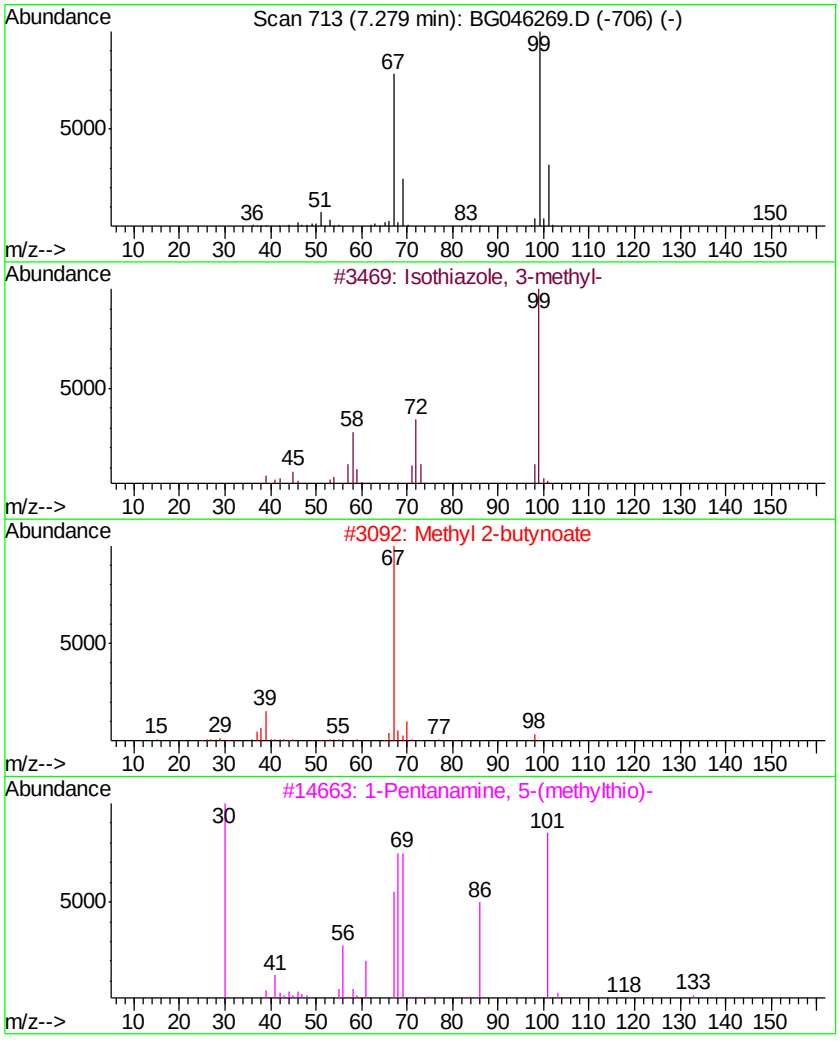
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

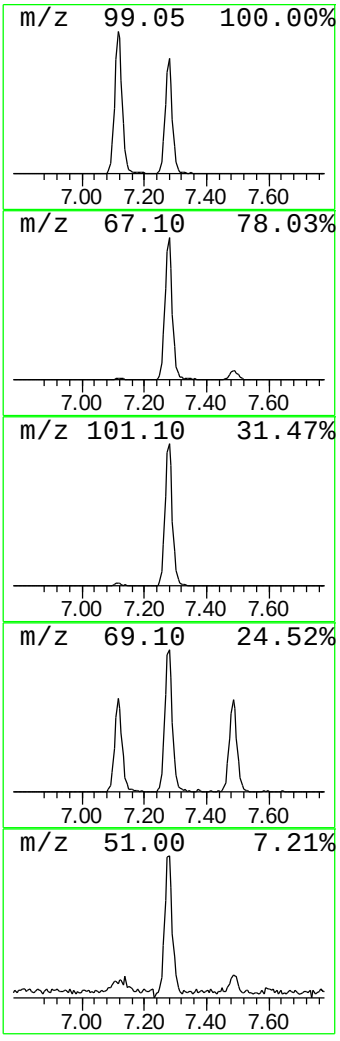
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	12.73 ng/ul	373867	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
3	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	Succinimide	99	C4H5NO2	000123-56-8	5
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

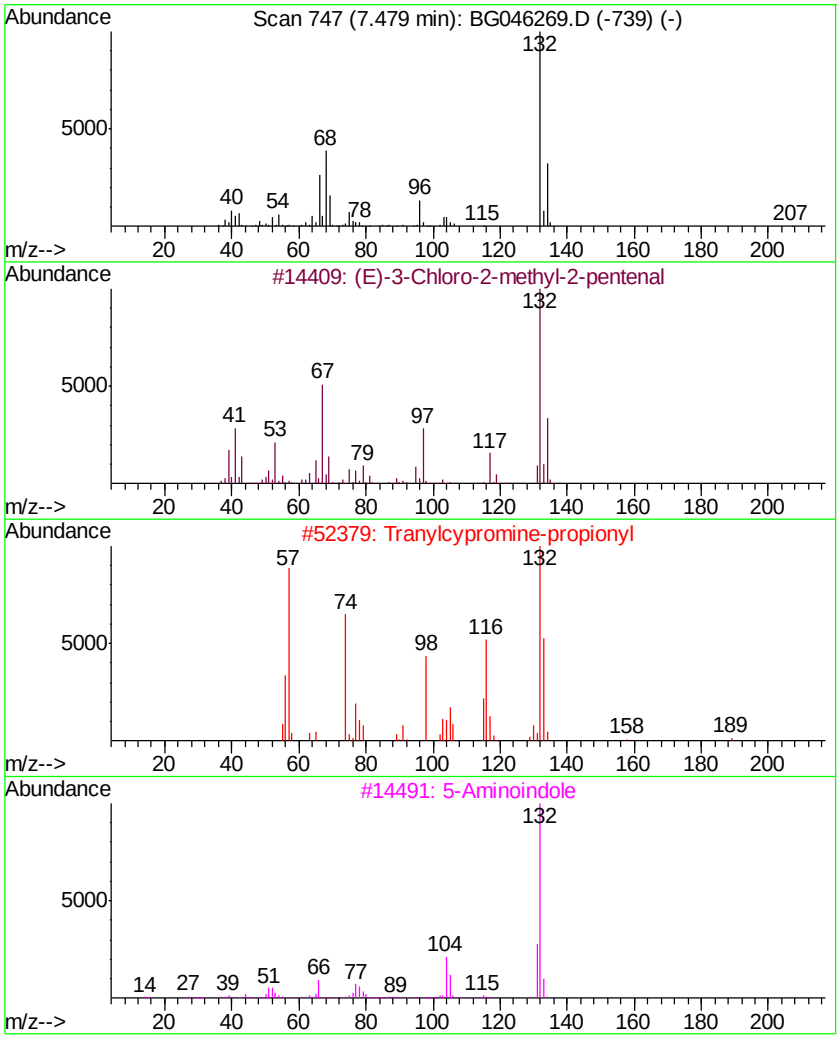
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

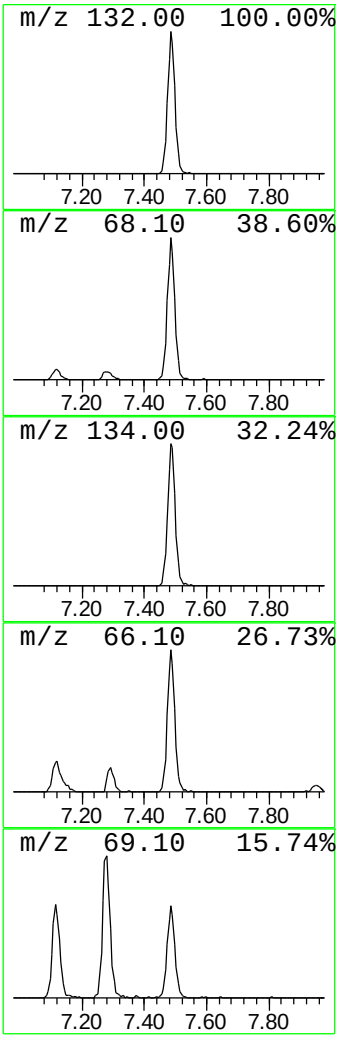
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	16.70 ng/ul	490207	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

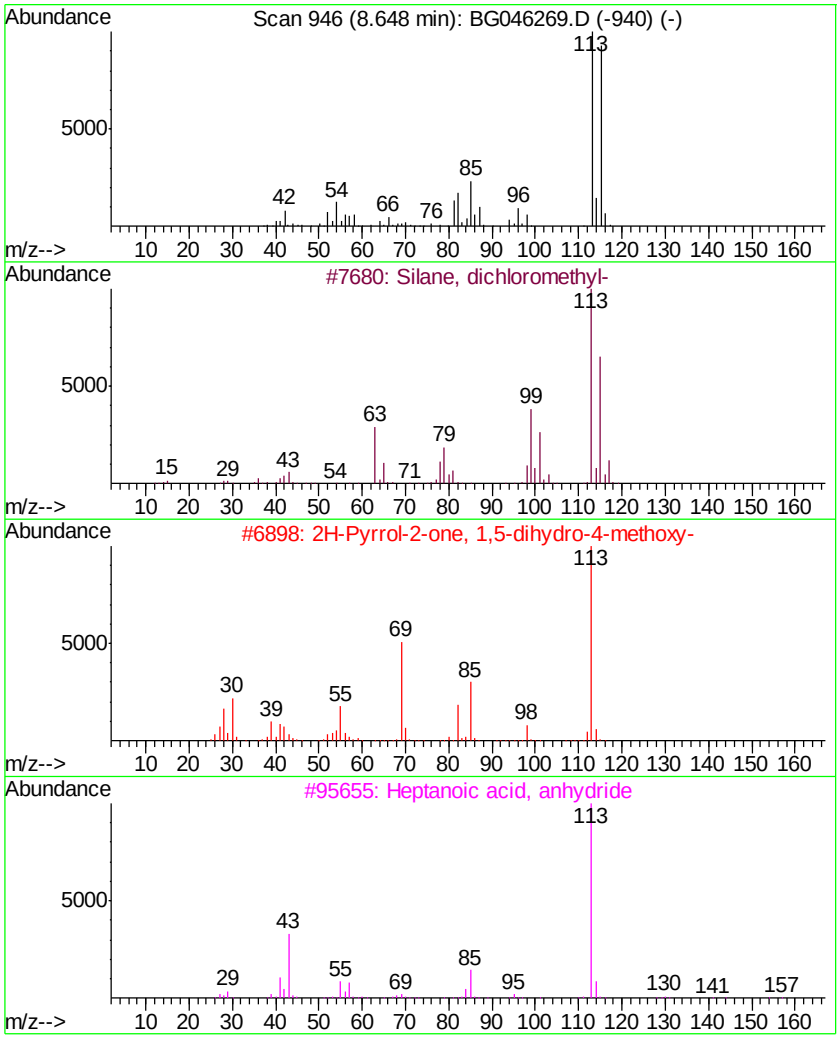
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

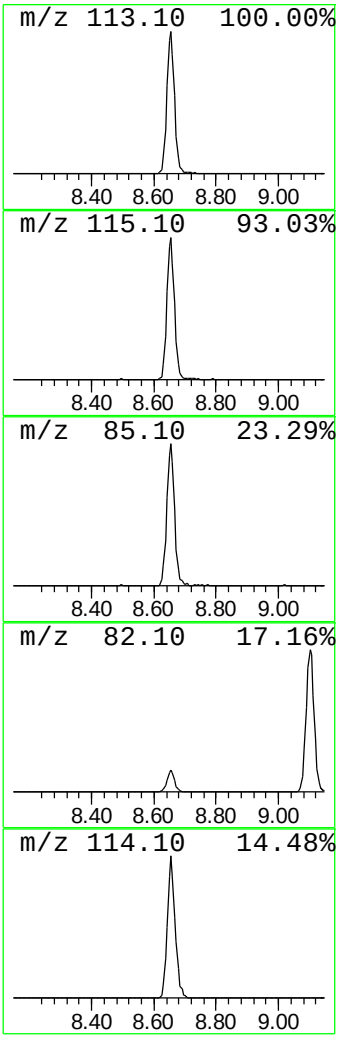
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	17.97 ng/ul	527760	1,4-Dichlorobenzene-d4	7.95

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	25
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	23
5	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	22





Library Search Compound Report

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Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

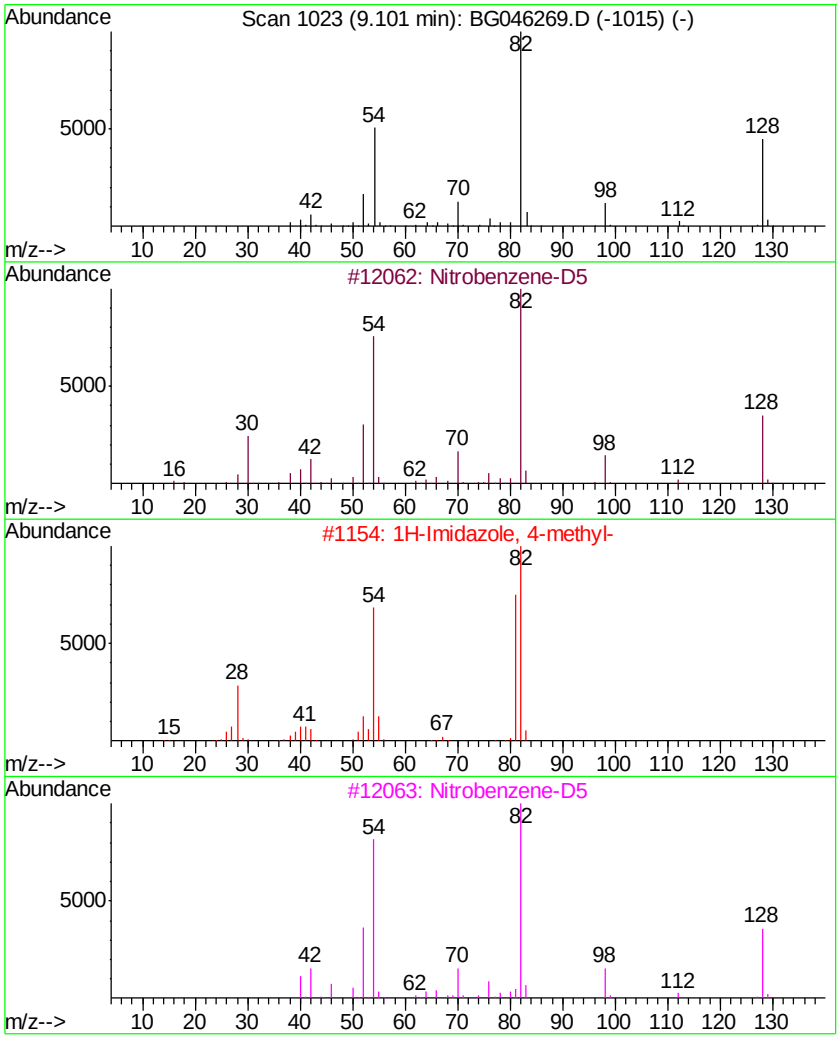
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

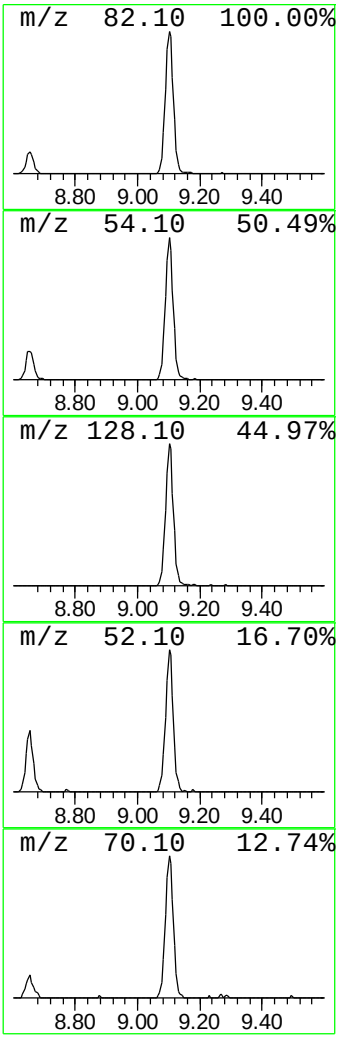
****

Peak Number 6 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	15.10 ng/ul	443297	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	91
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37
4	7-Oxabicyclo[2.2.1]heptane	98	C6H10O	000279-49-2	9
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	9





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Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

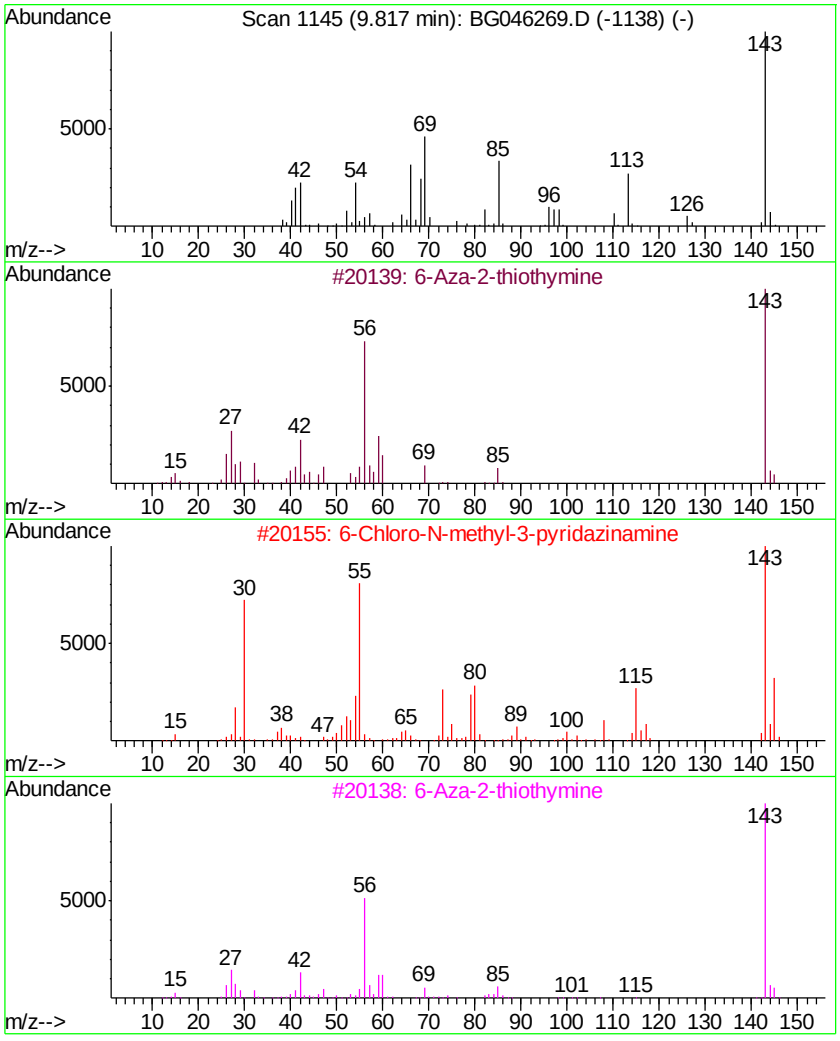
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

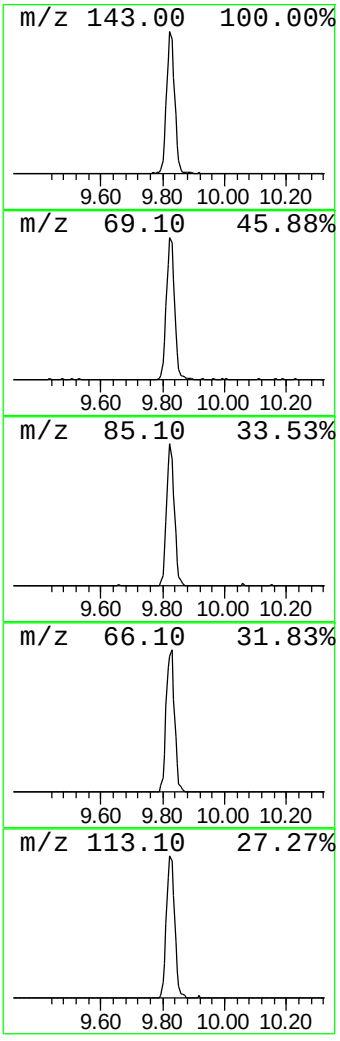
****

Peak Number 7 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.09 ng/ul	380276	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
2	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
3	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	9
4	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	9
5	3,5-Pyridinedicarbonitrile, 4-me...	143	C8H5N3	004574-75-8	9





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

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

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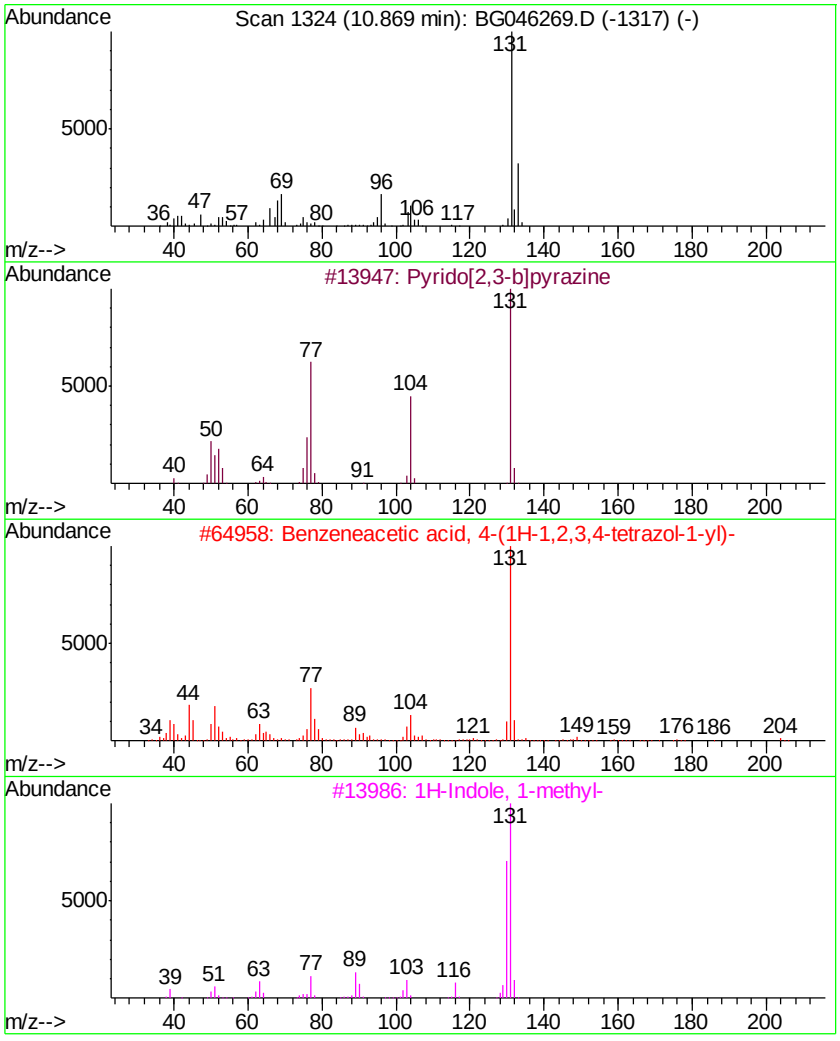
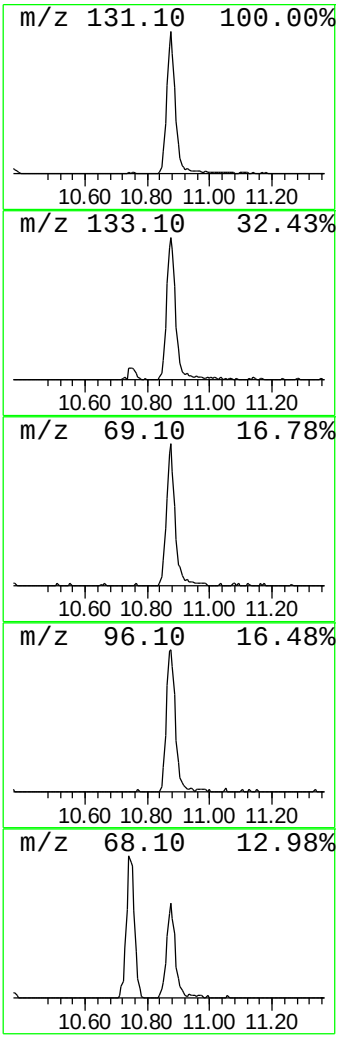
Peak Number 8 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	10.10 ng/ul	422538	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	28
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9





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Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

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

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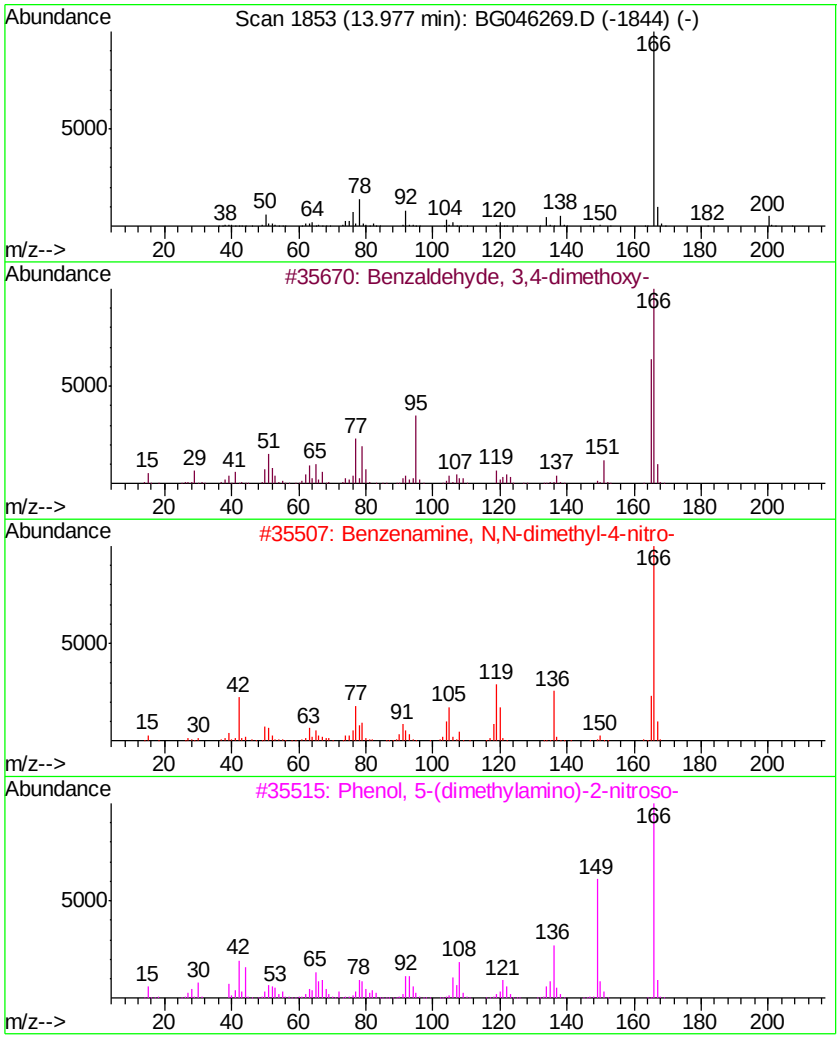
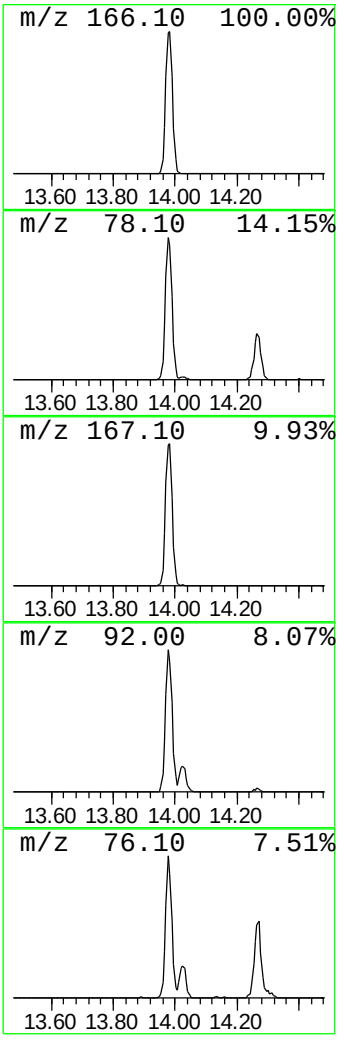
Peak Number 9 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	16.30 ng/ul	939571	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
2	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
3	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
4	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
5	1H-Purine-2,6-dione, 3,7-dihydro...	166	C6H6N4O2	006136-37-4	9





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Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

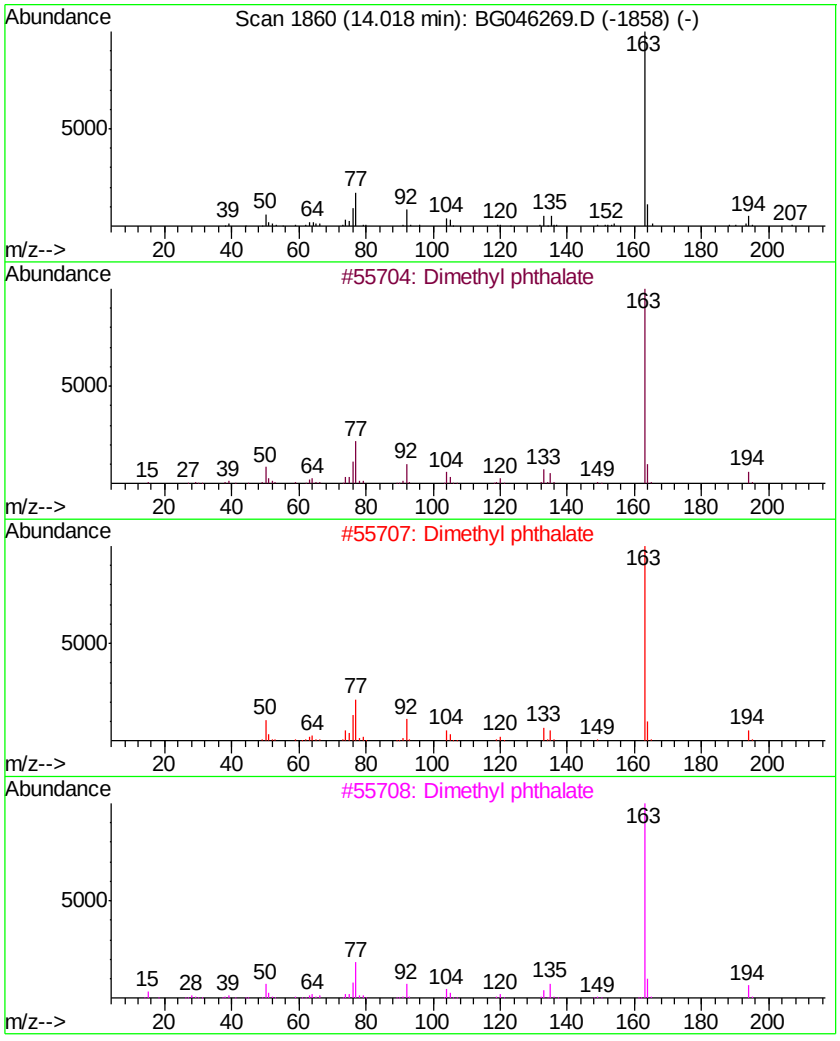
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

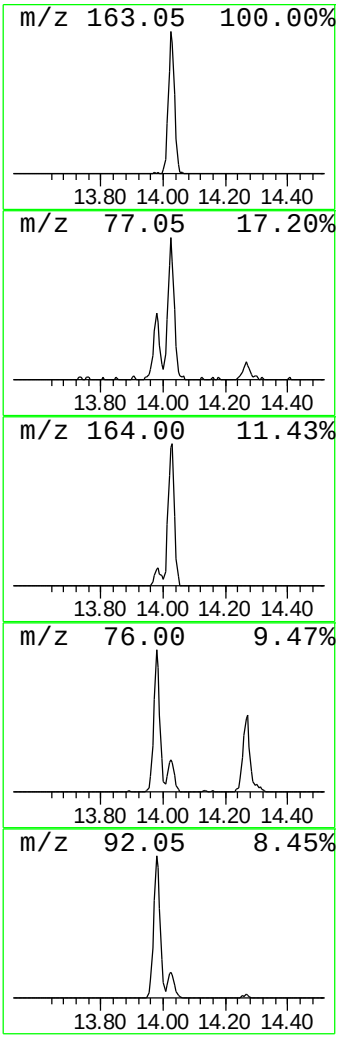
****

Peak Number 10 Dimethyl phthalate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.26 ng/ul	187769	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	93
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
5	Isobutyl methyl phthalate	236	C13H16O4	1000373-89-3	83





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Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

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

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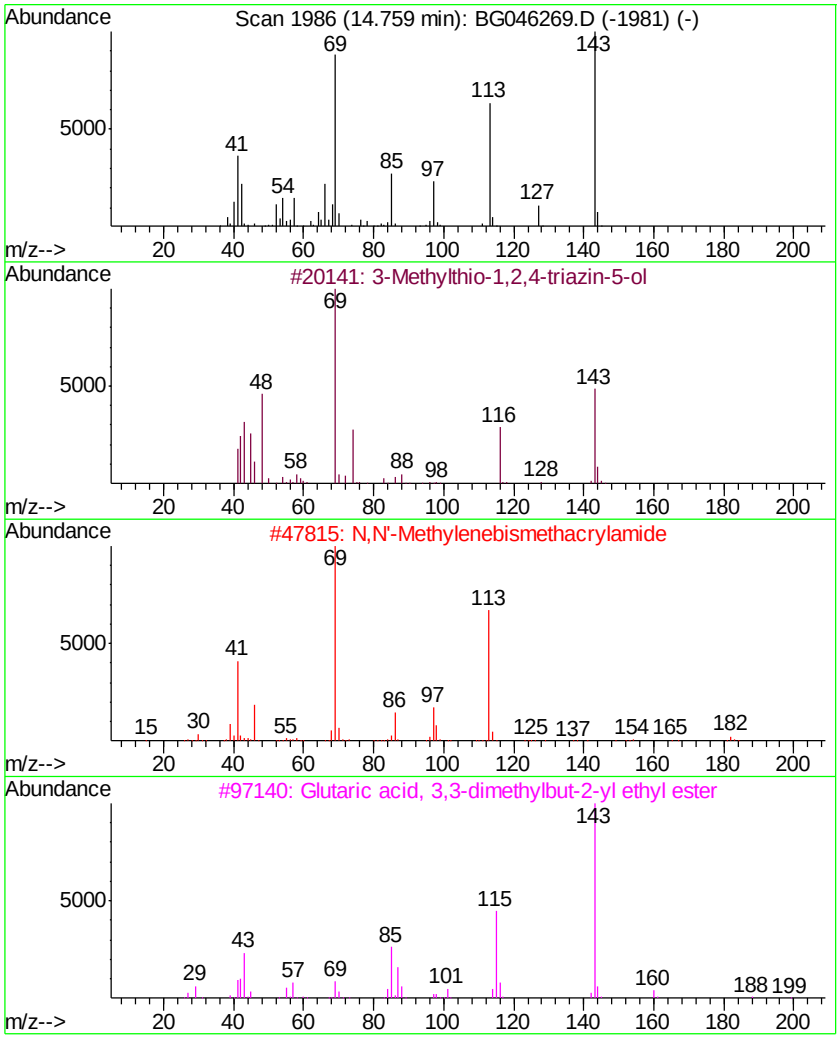
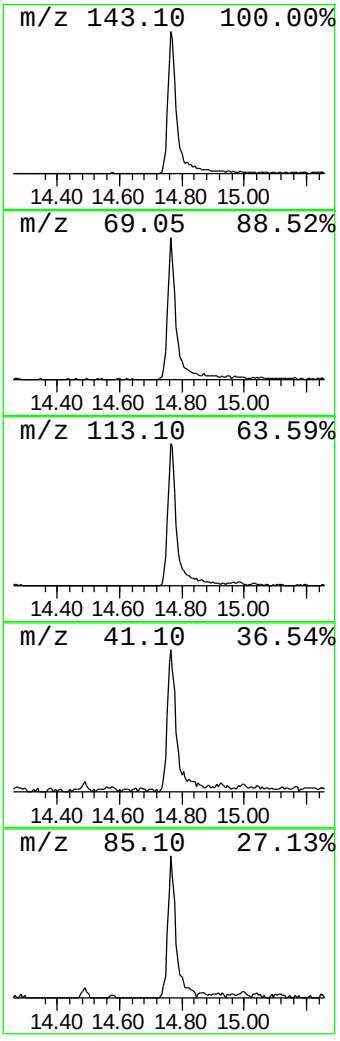
Peak Number 11 unknown-08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.23 ng/ul	358850	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylthio-1,2,4-triazin-5-ol	143	C4H5N3OS	018060-72-5	25
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	22
3	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	22
4	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	11
5	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	10





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

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

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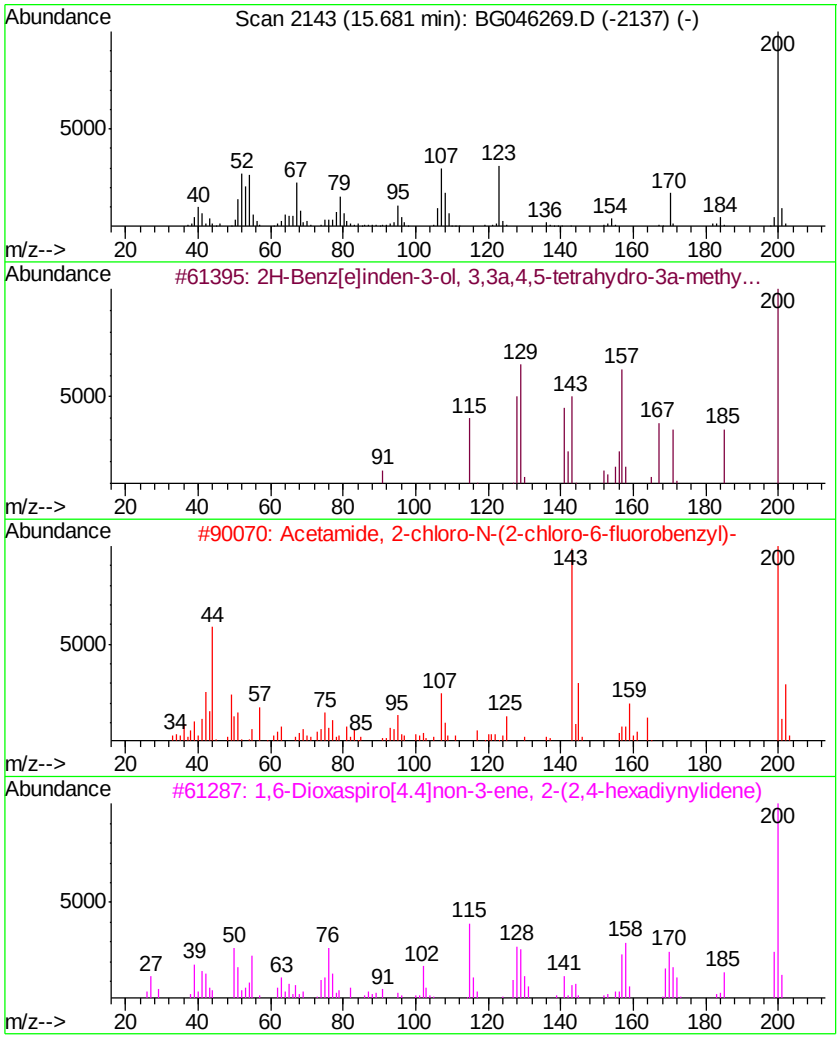
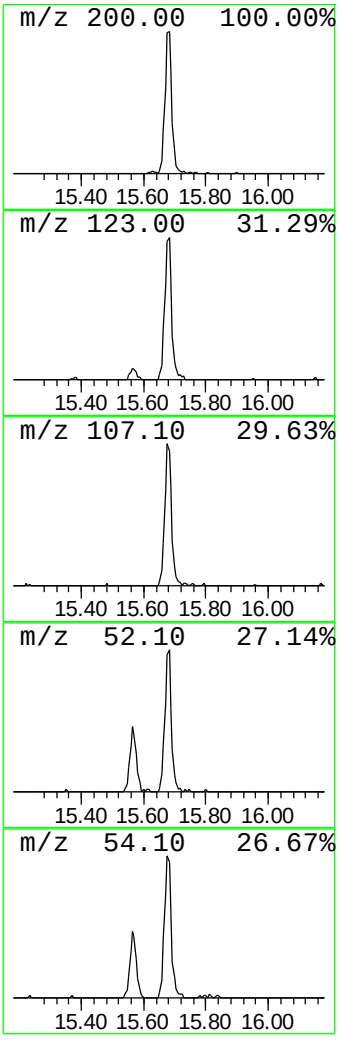
Peak Number 12 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.72 ng/ul	329551	Acenaphthene-d10	14.58

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	Acetamide, 2-chloro-N-(2-chloro-...	235	C9H8Cl2FNO	1000268-05-5	32
3	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	27
4	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	25
5	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22





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Instrument : BNA_G
ClientSampleId : BFM54

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Quant Title : SVOA CALIBRATION

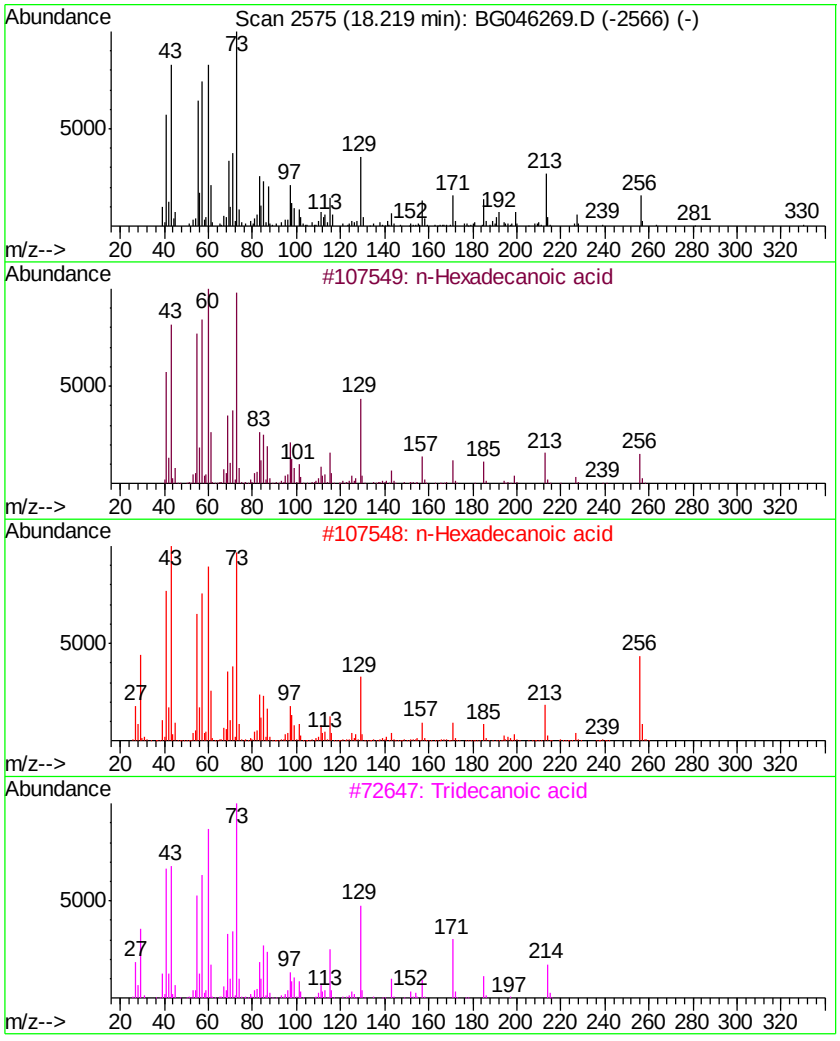
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

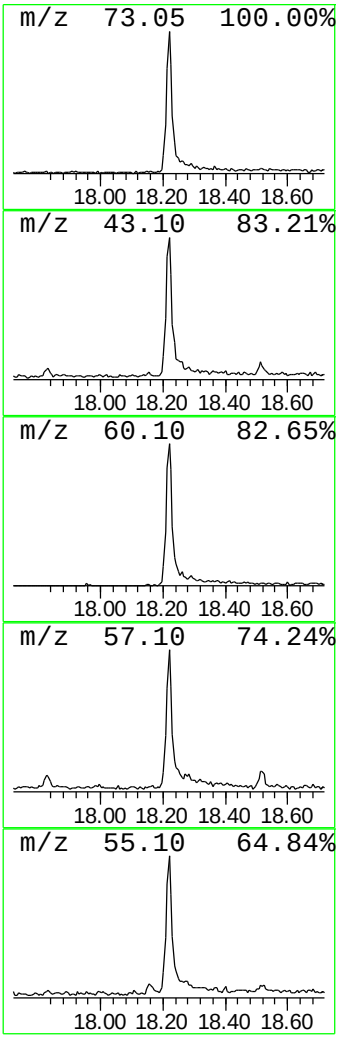
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	7.35 ng/ul	512332	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Library Search Compound Report

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Sample : L3629-07
Misc :
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Instrument : BNA_G
ClientSampleId : BFM54

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

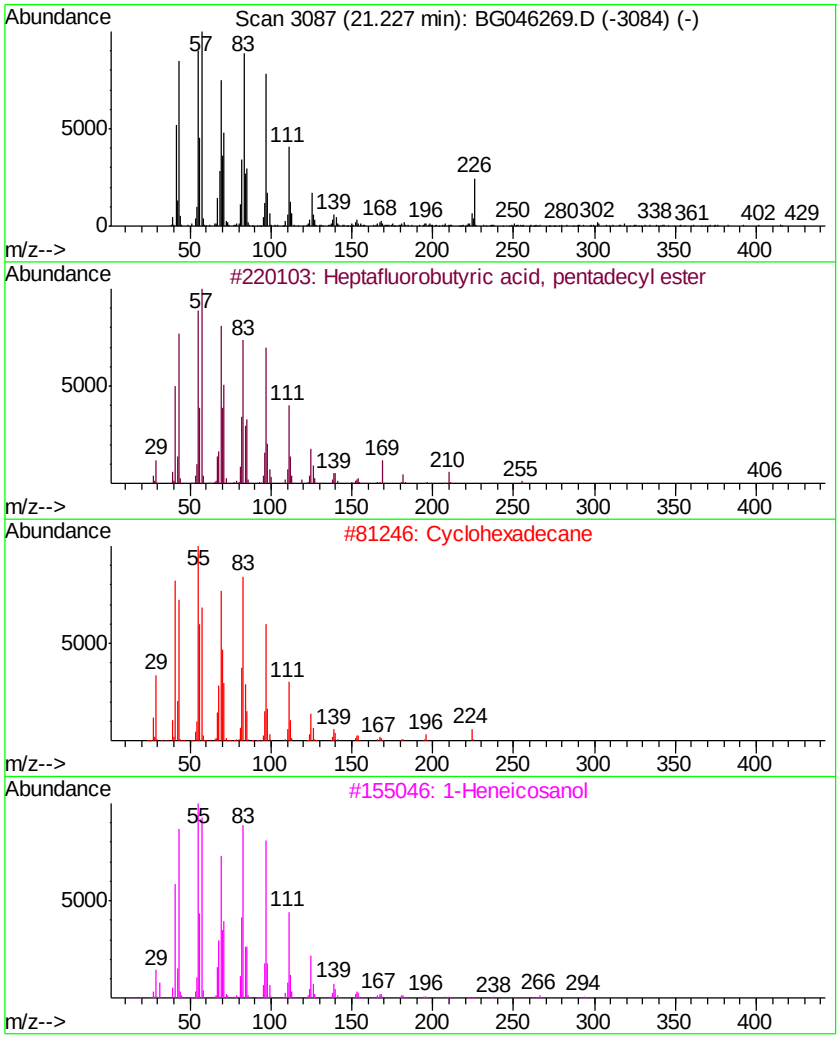
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

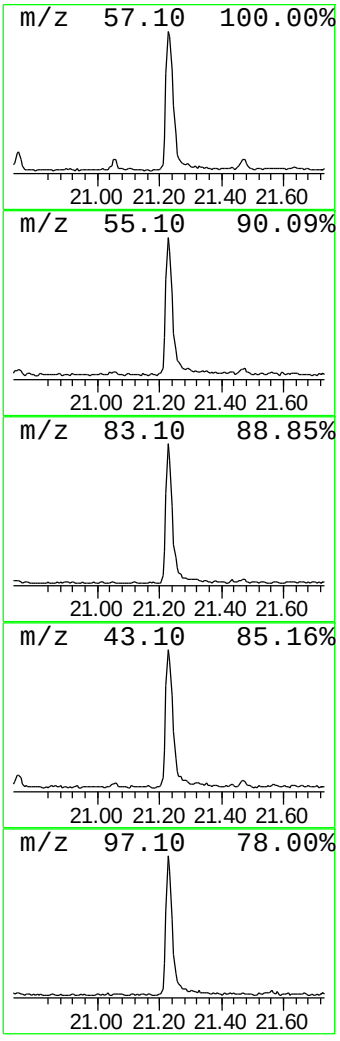
****

Peak Number 14 Heptafluorobutyric acid, pe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	7.72 ng/ul	823910	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





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Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

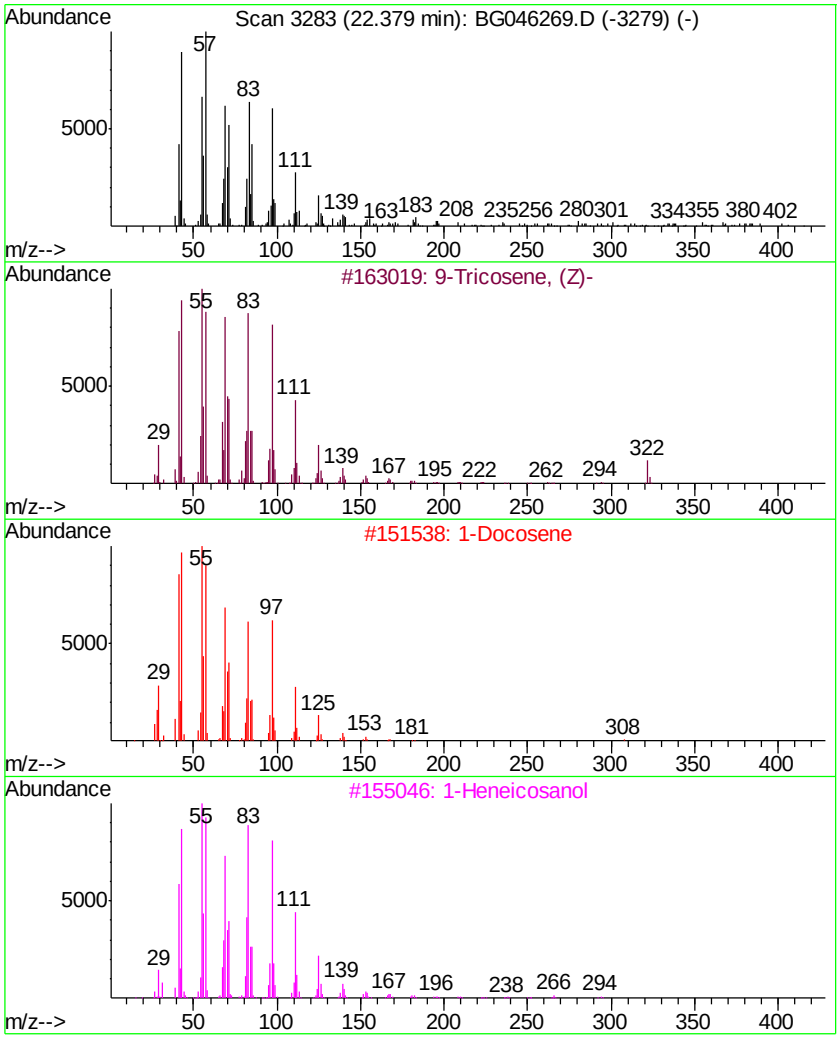
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

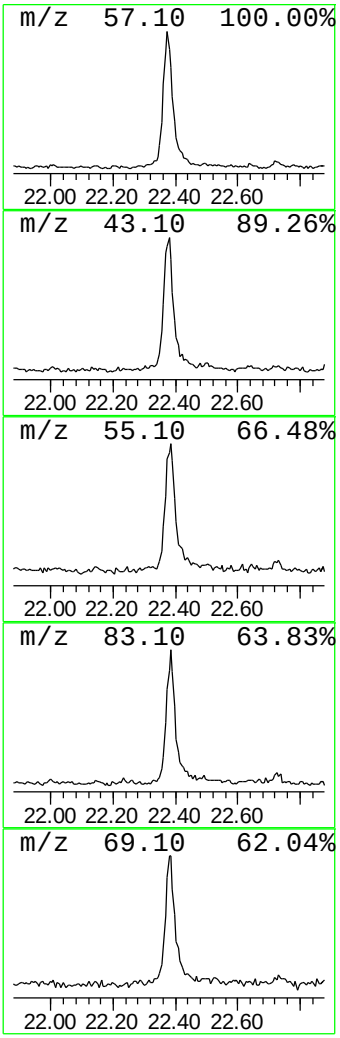
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	2.80 ng/ul	298347	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	1-Docosene	308	C22H44	001599-67-3	92
3	1-Heneicosanol	312	C21H44O	015594-90-8	92
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

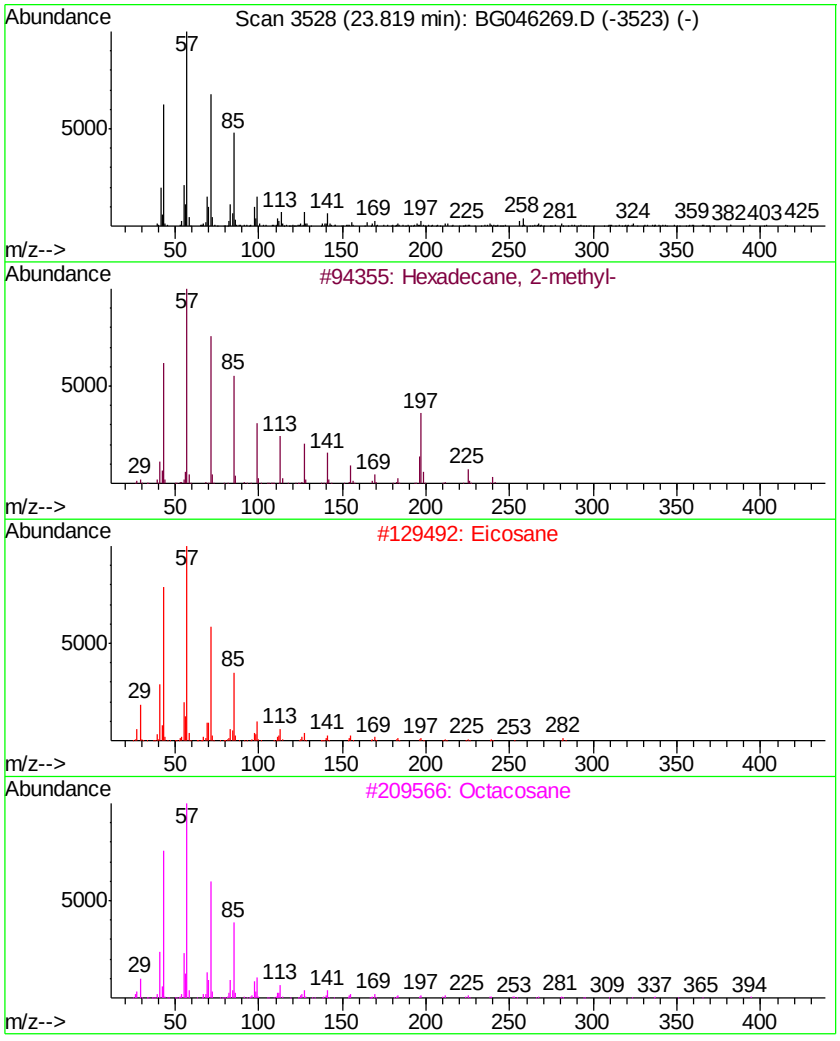
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

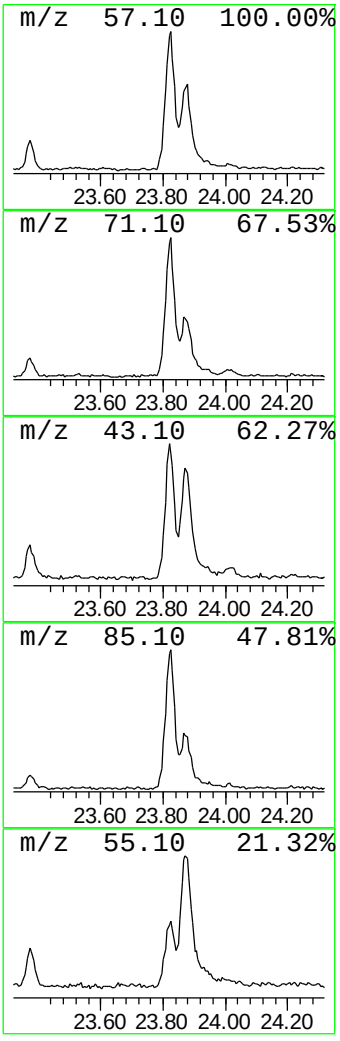
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	4.96 ng/ul	378311	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83





Library Search Compound Report

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Data File : BG046269.D
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Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

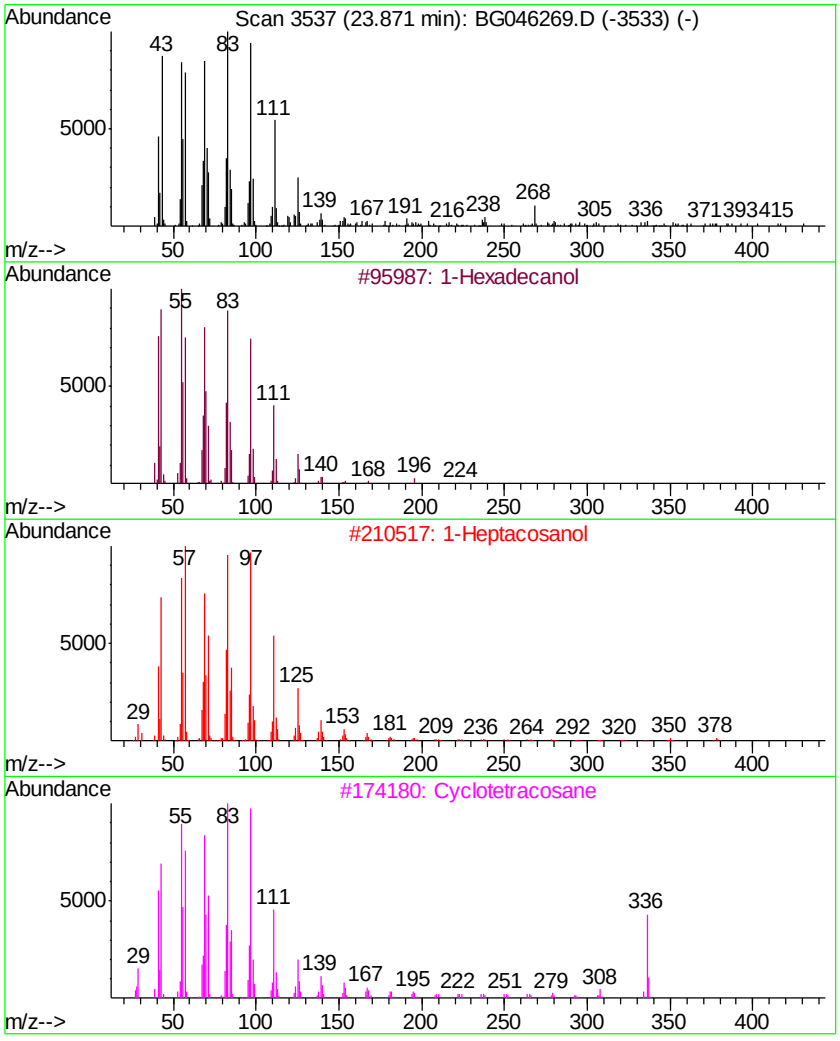
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

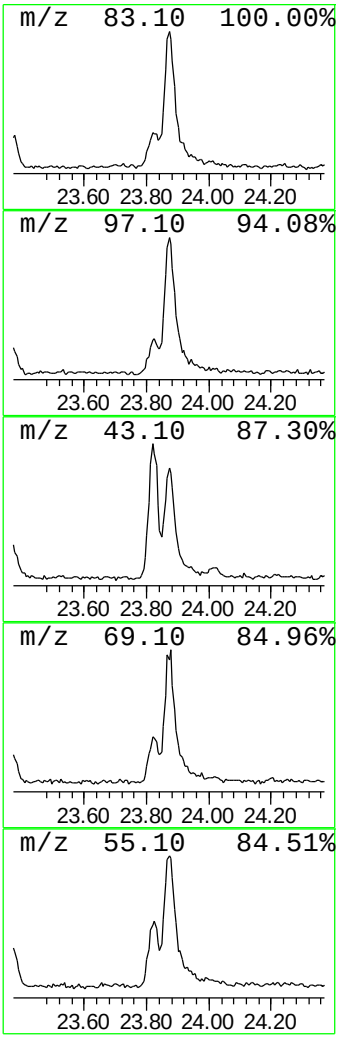
****

Peak Number 17 1-Hexadecanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	5.10 ng/ul	389203	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	90
3	Cyclotetracosane	336	C24H48	000297-03-0	90
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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

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

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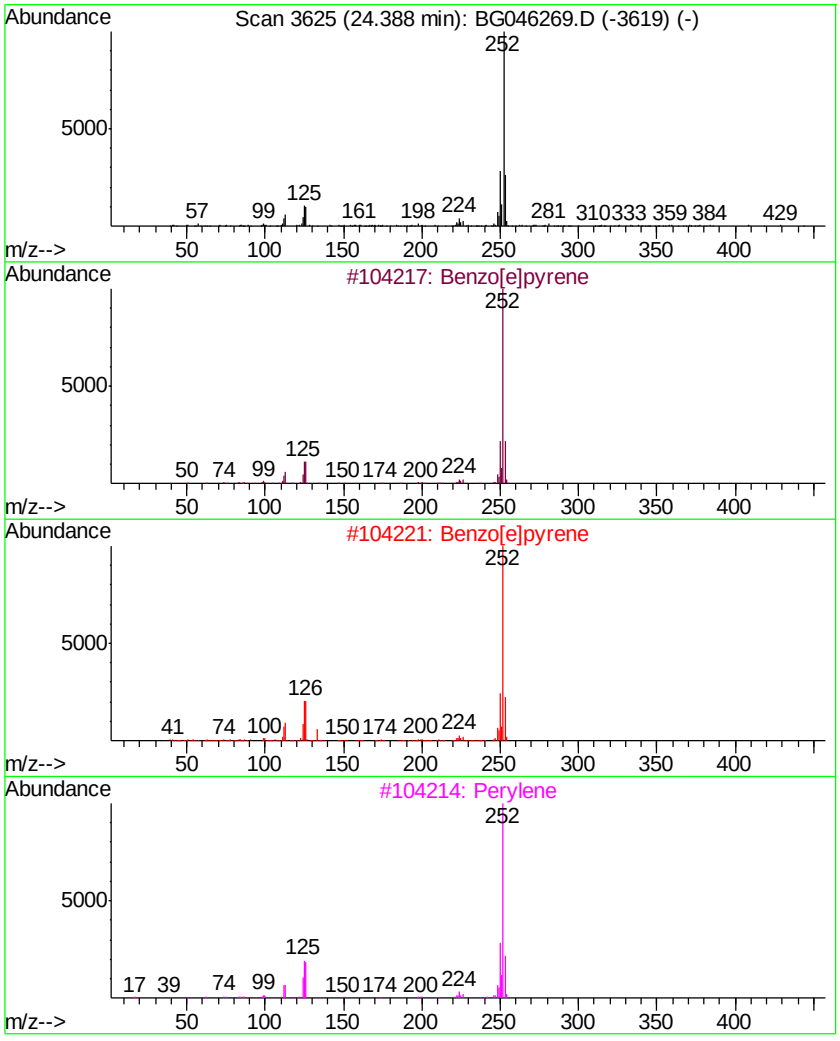
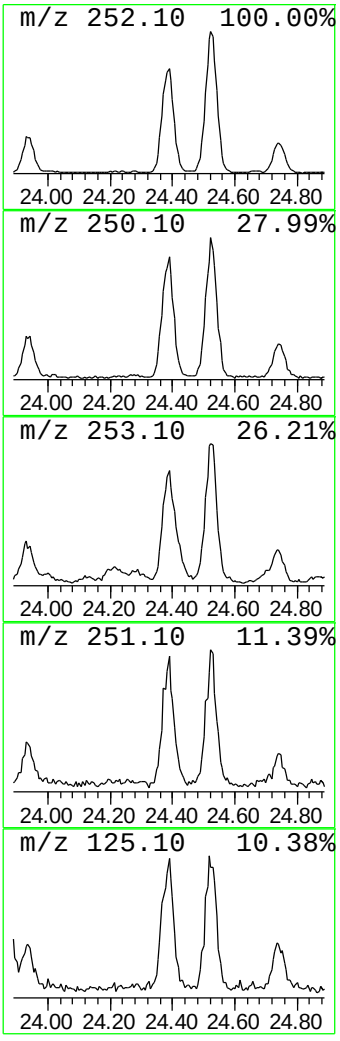
Peak Number 18 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	3.56 ng/ul	271722	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Perylene	252	C20H12	000198-55-0	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

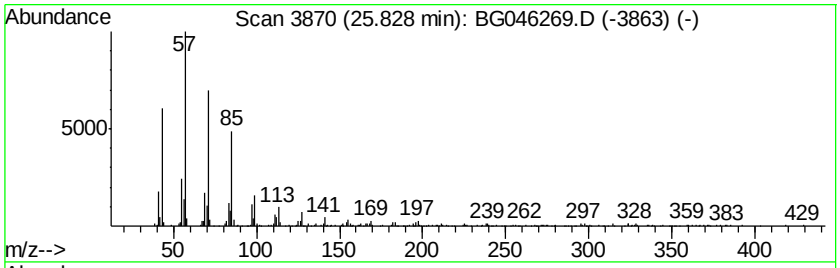
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

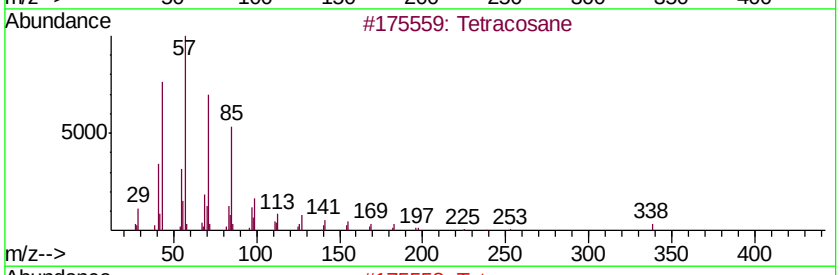
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

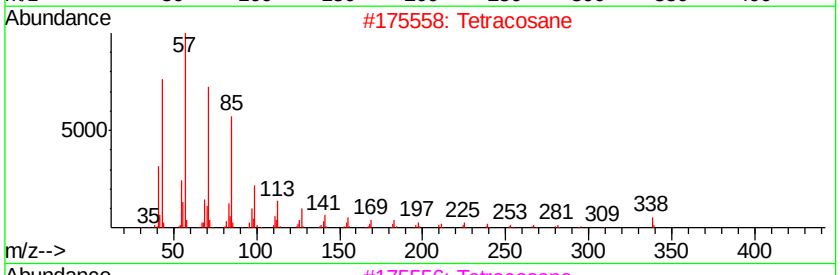
****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

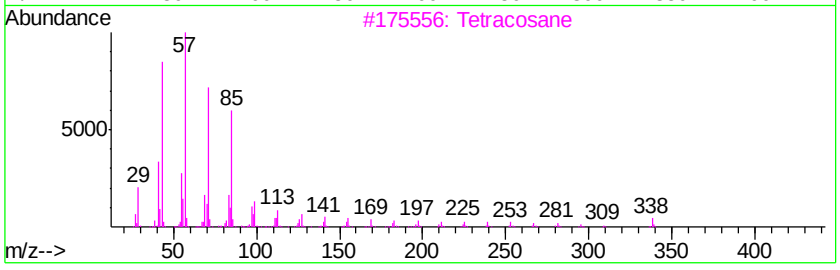
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	6.69 ng/ul	510473	Perylene-d12	24.68

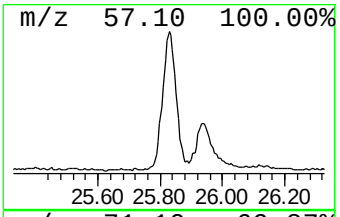
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tetracosane	338	C24H50	000646-31-1	95
3	Tetracosane	338	C24H50	000646-31-1	95
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93

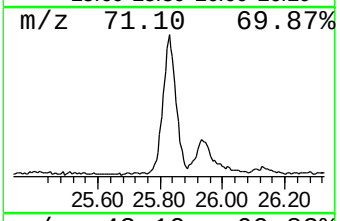


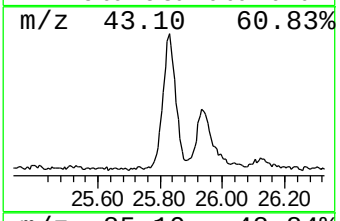


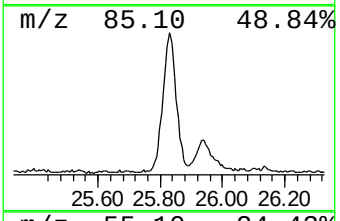


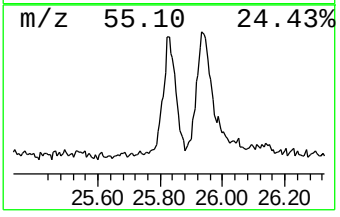












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

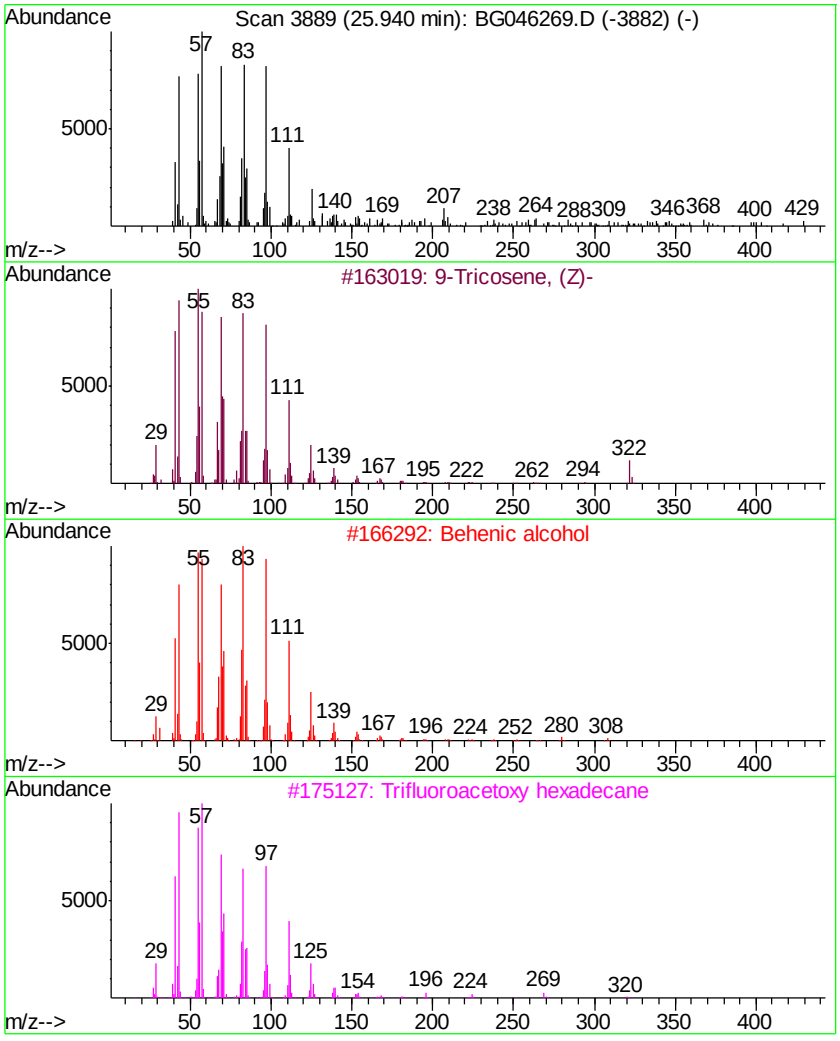
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

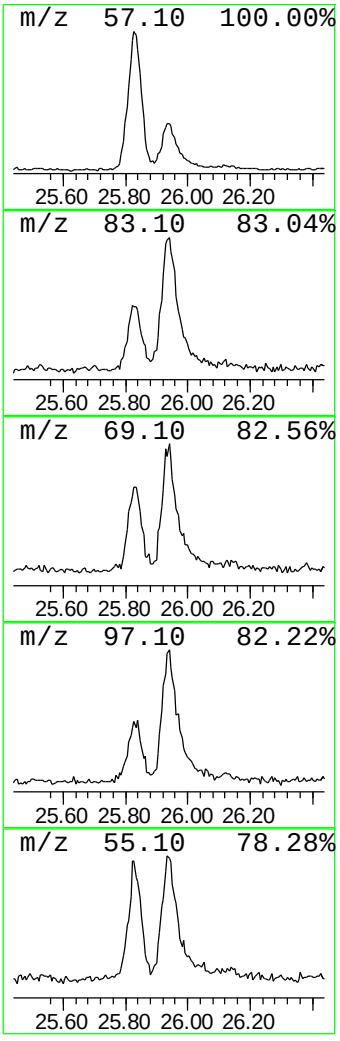
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	6.68 ng/ul	509727	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046269.D
Acq On : 14 Aug 2020 5:07
Operator : CG/JU
Sample : L3629-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM54

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	124.2	ng/ul	3646380	1	7.95	587227	20.0
Hexanoic acid, 4-...	7.11	16.4	ng/ul	483078	1	7.95	587227	20.0
unknown-01	7.28	12.7	ng/ul	373867	1	7.95	587227	20.0
unknown-02	7.48	16.7	ng/ul	490207	1	7.95	587227	20.0
unknown-03	8.65	18.0	ng/ul	527760	1	7.95	587227	20.0
unknown-04	9.10	15.1	ng/ul	443297	1	7.95	587227	20.0
unknown-05	9.82	9.1	ng/ul	380276	2	10.75	836982	20.0
unknown-06	10.87	10.1	ng/ul	422538	2	10.75	836982	20.0
unknown-07	13.98	16.3	ng/ul	939571	3	14.58	1152750	20.0
Dimethyl phthalate	14.02	3.3	ng/ul	187769	3	14.58	1152750	20.0
unknown-08	14.76	6.2	ng/ul	358850	3	14.58	1152750	20.0
unknown-09	15.68	5.7	ng/ul	329551	3	14.58	1152750	20.0
n-Hexadecanoic acid	18.22	7.3	ng/ul	512332	4	17.31	1393340	20.0
Heptafluorobutyri...	21.23	7.7	ng/ul	823910	5	21.56	2133250	20.0
(DEL) Alkane: Str...	22.38	2.8	ng/ul	298347	5	21.56	2133250	20.0
(DEL) Alkane: Str...	23.82	5.0	ng/ul	378311	6	24.68	1525750	20.0
1-Hexadecanol	23.87	5.1	ng/ul	389203	6	24.68	1525750	20.0
Benzo[e]pyrene	24.39	3.6	ng/ul	271722	6	24.68	1525750	20.0
(DEL) Alkane: Str...	25.83	6.7	ng/ul	510473	6	24.68	1525750	20.0
(DEL) Alkane: Str...	25.94	6.7	ng/ul	509727	6	24.68	1525750	20.0