LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043139.D
Acq On : 10 Oct 2019 16:04
Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP99

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-BG100919MA.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	3.160	6	12	20	rBV	238993	451775	34.12%	2.917%
2	3.237	20	25	44	rVB	448319	698443	52.74%	4.509%
3	3.595	84	86	88	rBV2	2189	1706	0.13%	0.011%
4	3.913	138	140	146	rBV4	2577	4695	0.35%	0.030%
5	4.024	154	159	161	rBV4	7147	8795	0.66%	0.057%
6	4.559	246	250	254	rBV4	1610	3033	0.23%	0.020%
7	5.164	345	353	360	rBV4	11684	25610	1.93%	0.165%
8	5.323	378	380	384	rBV2	2141	2266	0.17%	0.015%
9	6.034	498	501	503	rBV2	1518	1895	0.14%	0.012%
10	6.251	536	538	540	rVB2	2463	1793	0.14%	0.012%
11	7.226	697	704	720	rBV4	70528	192756	14.56%	1.244%
12	7.379	724	730	745	rVB	76064	142954	10.80%	0.923%
13	7.591	759	766	779	rBV2	100786	200484	15.14%	1.294%
14	7.743	790	792	795	rBV2	1613	2106	0.16%	0.014%
15	8.055	838	845	863	rBV	161098	308996	23.33%	1.995%
16	8.766	960	966	981	rBV2	49713	128243	9.68%	0.828%
17	9.218	1035	1043	1054	rBV	99121	206810	15.62%	1.335%
18	9.641	1111	1115	1119	rBV	3888	5400	0.41%	0.035%
19	9.941	1157	1166	1173	rBV2	85361	182487	13.78%	1.178%
20	10.487	1252	1259	1275	rBV	103802	259176	19.57%	1.673%
21	10.857	1313	1322	1333	rBV	231694	447354	33.78%	2.888%
22	10.998	1339	1346	1358	rBV2	60239	161186	12.17%	1.041%
23	11.891	1495	1498	1501	rBV2	1362	1853	0.14%	0.012%
24	12.720	1635	1639	1641	rVB2	1557	1646	0.12%	0.011%
25	13.049	1693	1695	1701	rVB	1280	2211	0.17%	0.014%
26	14.077	1862	1870	1874	rBV	366652	559473	42.25%	3.612%
27	14.124	1874	1878	1889	rVV	153220	248820	18.79%	1.606%
28	14.195	1889	1890	1893	rVB2	2158	1693	0.13%	0.011%
29	14.371	1911	1920	1934	rBV2	386595	661271	49.94%	4.269%
30	14.676	1965	1972	1982	rBV	428558	716121	54.08%	4.623%
31	14.794	1989	1992	1997	rBV4	1872	2347	0.18%	0.015%
32	14.900	2002	2010	2022	rBV7	32000	123060	9.29%	0.794%
33	15.099	2040	2044	2048	rBV6	5814	9250	0.70%	0.060%
34	15.311	2079	2080	2083	rBV	2066	1985	0.15%	0.013%

LSC Area Percent Report

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Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP99

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-BG100919MA.M
Title : SVOA CALIBRATION

35	15.399	2092	2095	2097	rBV	2133	1933	0.15%	0.012%
36	15.434	2098	2101	2104	rVV2	1708	1966	0.15%	0.013%
37	15.470	2104	2107	2110	rVV5	2473	3458	0.26%	0.022%
38	15.522	2113	2116	2119	rVB3	3245	3304	0.25%	0.021%
39	15.669	2133	2141	2154	rBV	492293	869022	65.63%	5.610%
40	15.781	2154	2160	2171	rVB	127584	222486	16.80%	1.436%
41	15.904	2177	2181	2187	rVB7	11263	18336	1.38%	0.118%
42	16.039	2199	2204	2216	rVB2	55480	102980	7.78%	0.665%
43	16.374	2259	2261	2263	rBV2	2052	2188	0.17%	0.014%
44	16.421	2266	2269	2271	rBV2	2271	2354	0.18%	0.015%
45	16.656	2303	2309	2315	rVB2	1984	4441	0.34%	0.029%
46	16.715	2317	2319	2321	rBV2	1689	1621	0.12%	0.010%
47	16.750	2323	2325	2329	rVB	1242	1795	0.14%	0.012%
48	16.792	2329	2332	2333	rBV2	2227	1915	0.14%	0.012%
49	16.956	2356	2360	2366	rVB3	6224	11180	0.84%	0.072%
50	17.168	2393	2396	2398	rBV3	2028	2251	0.17%	0.015%
51	17.420	2432	2439	2450	rBV	560469	967544	73.07%	6.246%
52	17.520	2450	2456	2471	rVB	533160	929109	70.16%	5.998%
53	17.767	2497	2498	2501	rBB2	2390	1981	0.15%	0.013%
54	17.908	2520	2522	2525	rVB3	2249	2210	0.17%	0.014%
55	17.961	2529	2531	2535	rVB2	3077	2430	0.18%	0.016%
56	18.014	2535	2540	2542	rBV4	2504	3436	0.26%	0.022%
57	18.249	2577	2580	2584	rBV4	5163	6889	0.52%	0.044%
58	18.307	2584	2590	2595	rBV3	82875	146703	11.08%	0.947%
59	18.443	2611	2613	2614	rBV	3161	1985	0.15%	0.013%
60	18.490	2619	2621	2625	rVV3	5617	6413	0.48%	0.041%
61	18.525	2625	2627	2631	rVB4	3929	4824	0.36%	0.031%
62	18.595	2636	2639	2643	rBV4	3955	6779	0.51%	0.044%
63	18.654	2646	2649	2651	rBV3	5893	6741	0.51%	0.044%
64	19.001	2706	2708	2710	rBV3	3432	3577	0.27%	0.023%
65	19.089	2721	2723	2725	rBV3	5799	5944	0.45%	0.038%
66	19.206	2741	2743	2744	rBV	5552	3709	0.28%	0.024%
67	19.224	2744	2746	2751	rVB6	6780	6882	0.52%	0.044%
68	19.306	2756	2760	2763	rVB4	13964	18604	1.40%	0.120%
69	19.436	2779	2782	2783	rBV	10310	9606	0.73%	0.062%
70	19.471	2784	2788	2795	rVB2	30181	47253	3.57%	0.305%
71	19.576	2804	2806	2809	rBV3	7383	8113	0.61%	0.052%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BEP99

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

72	19.676	2818	2823	2828	rBV7	16603	37787	2.85%	0.244%
73	19.800	2838	2844	2856	rBV	810378	1324201	100.00%	8.549%
74	20.329	2931	2934	2942	rVB8	14610	23810	1.80%	0.154%
75	20.605	2966	2981	2982	rBV6	116565	343950	25.97%	2.220%
76	21.333	3100	3105	3115	rBV2	105194	228790	17.28%	1.477%
77	21.686	3158	3165	3181	rVB2	619282	1214974	91.75%	7.843%
78	21.880	3195	3198	3205	rVB3	30965	41992	3.17%	0.271%
79	22.491	3298	3302	3305	rBV2	35501	51935	3.92%	0.335%
80	23.178	3415	3419	3426	rVB2	49021	92779	7.01%	0.599%
81	23.983	3551	3556	3564	rVB3	60834	125826	9.50%	0.812%
82	24.682	3666	3675	3694	rVB	456534	1317772	99.51%	8.507%
83	24.911	3703	3714	3728	rVB2	427269	1305026	98.55%	8.425%
84	26.057	3902	3909	3920	rVB5	56145	171764	12.97%	1.109%

Sum of corrected areas: 15490261

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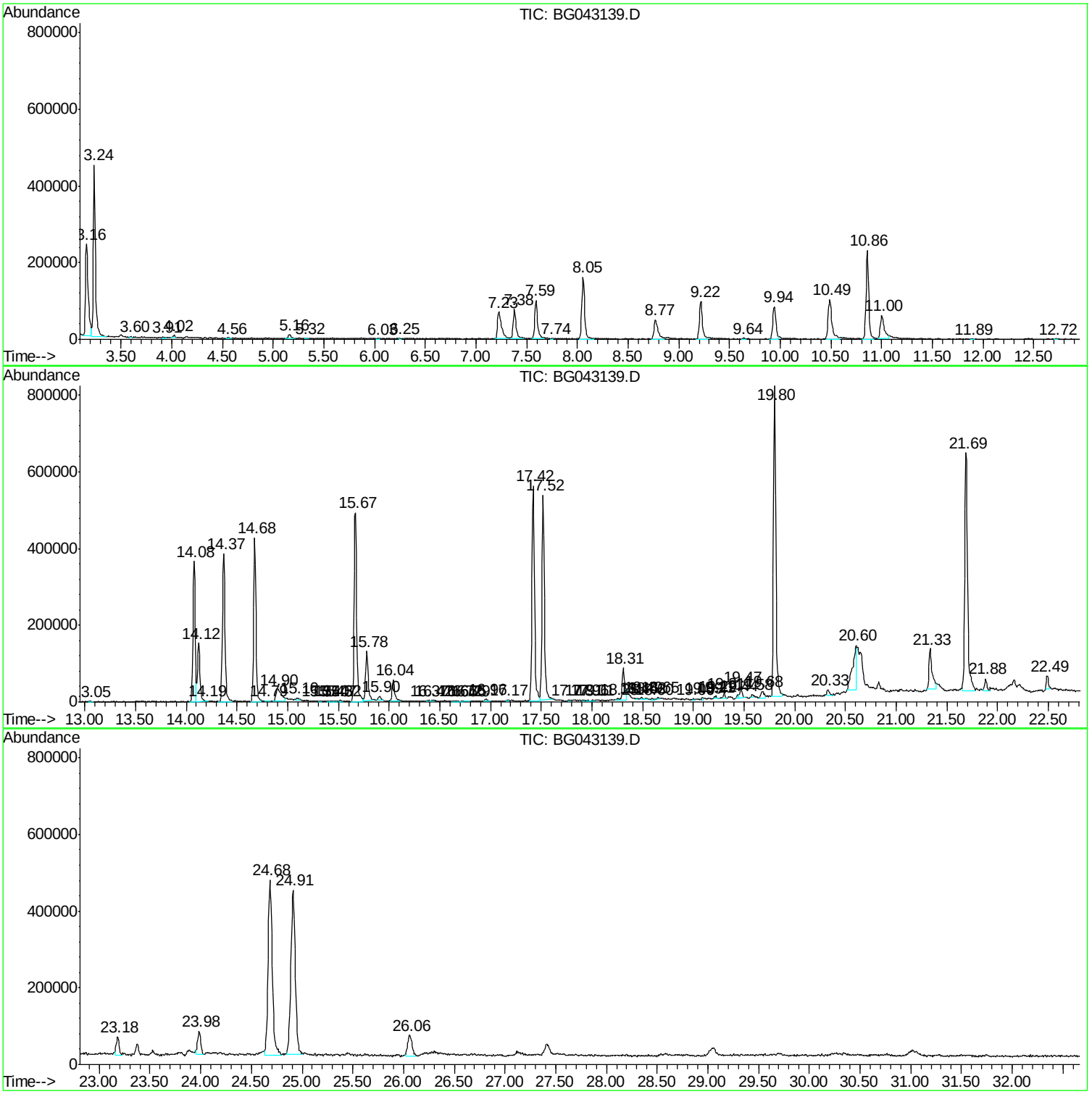
Instrument :
BNA_G
ClientSampleId :
BEP99

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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\BG100919\
Data File : BG043139.D
Acq On : 10 Oct 2019 16:04
Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP99

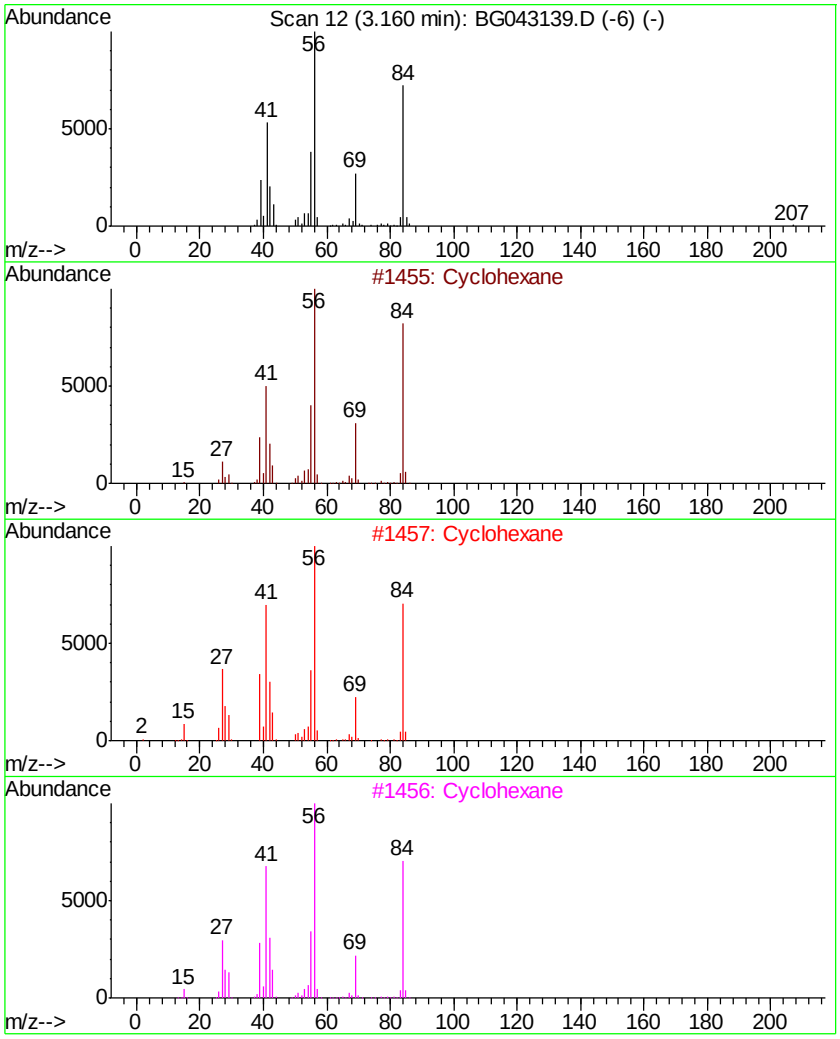
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

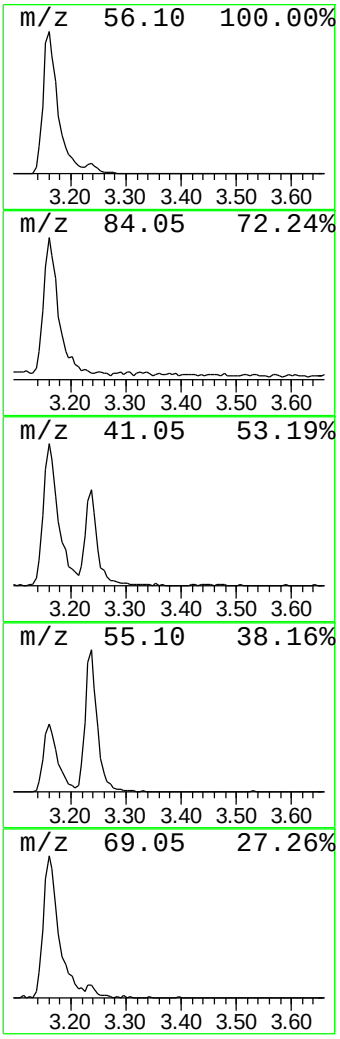
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	29.24 ng/ul	451775	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043139.D
Acq On : 10 Oct 2019 16:04
Operator : JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP99

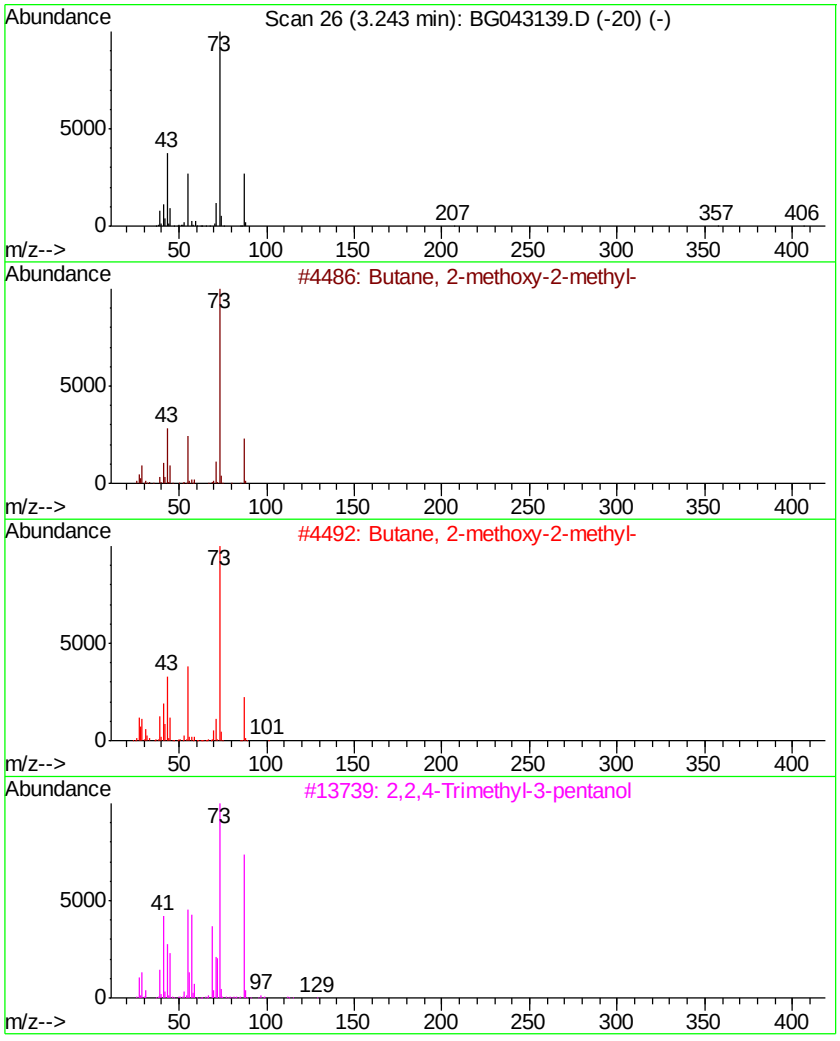
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

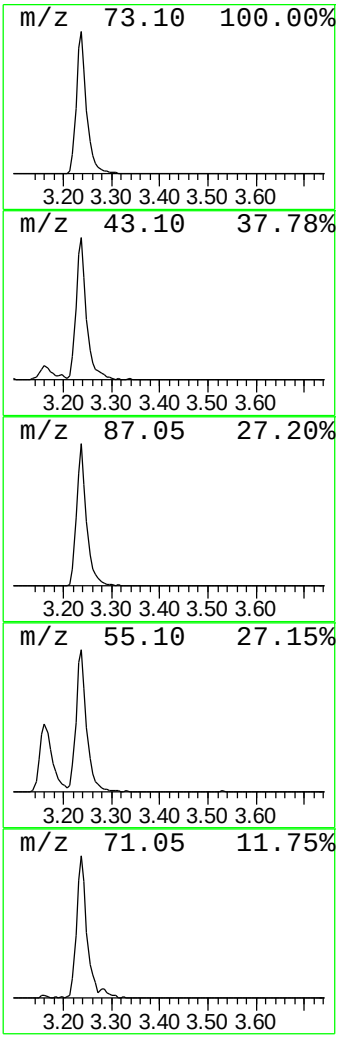
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	45.21 ng/ul	698443	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
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	32





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Instrument : BNA_G
ClientSampleId : BEP99

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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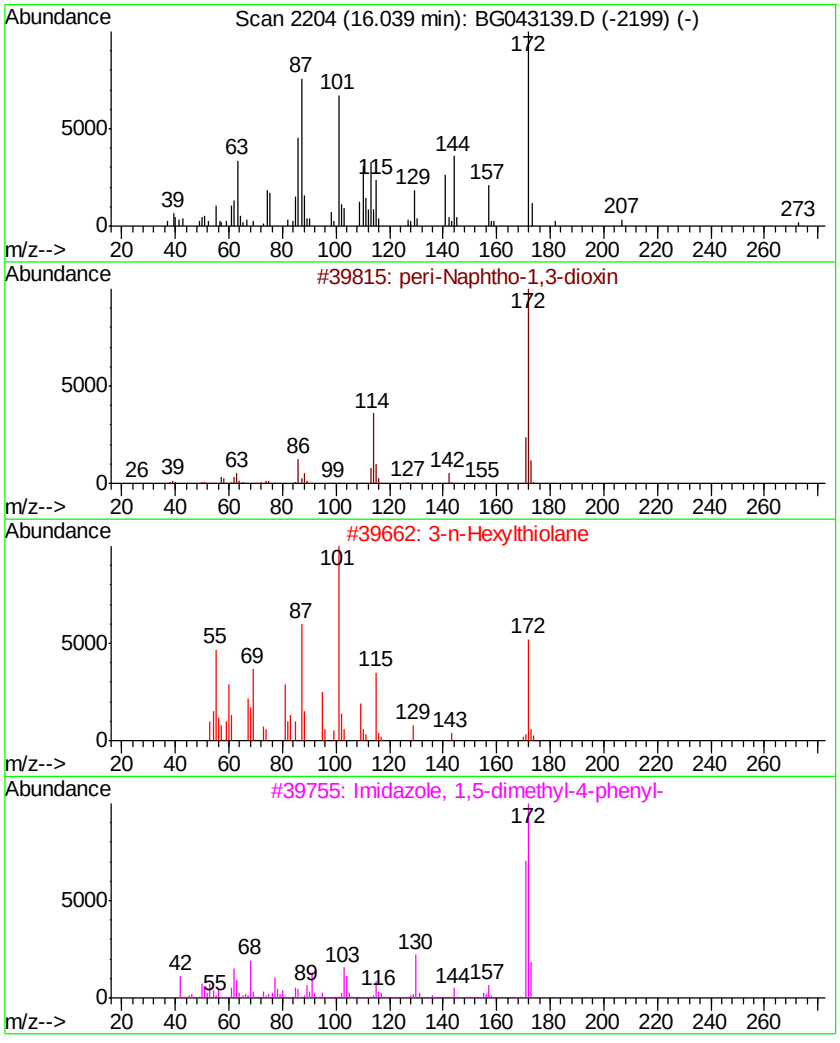
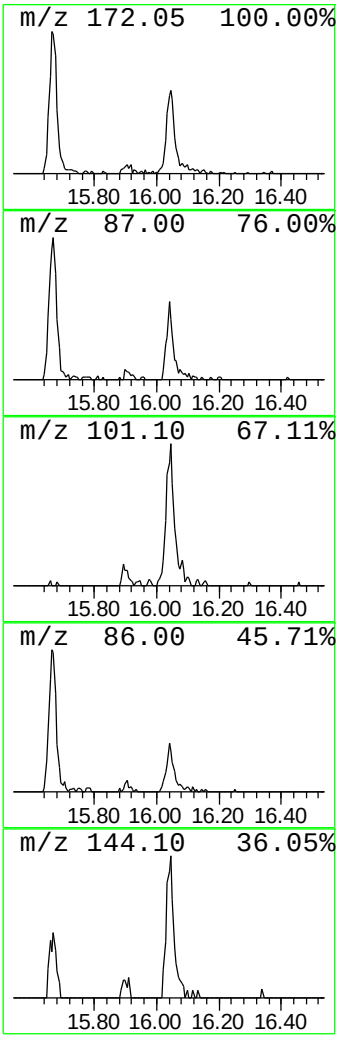
****

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.88 ng/ul	102980	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	peri-Naphtho-1,3-dioxin	172	C11H8O2	000204-11-5	38
2	3-n-Hexylthiolane	172	C10H20S	001613-50-9	30
3	Imidazole, 1,5-dimethyl-4-phenyl-	172	C11H12N2	062576-13-0	22
4	4-Hydroxy-2,6-dihydroxyiminocycl...	172	C6H8N2O4	333363-00-1	10
5	4-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	023380-78-1	10





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

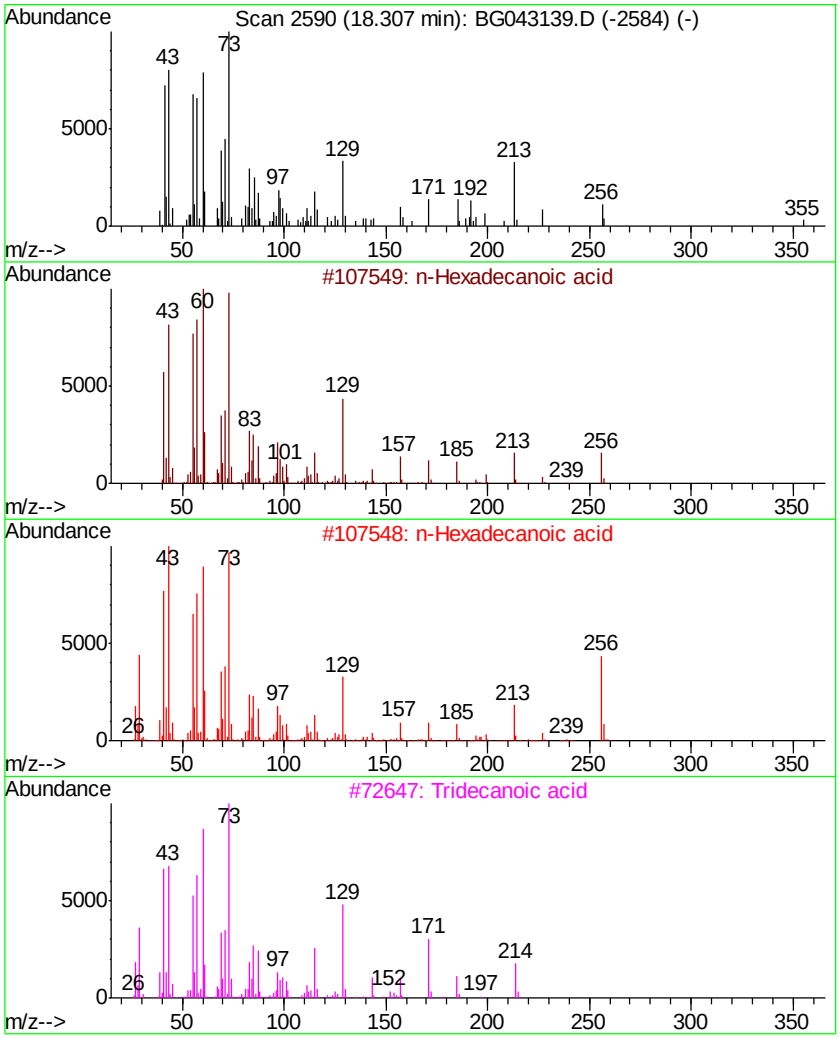
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

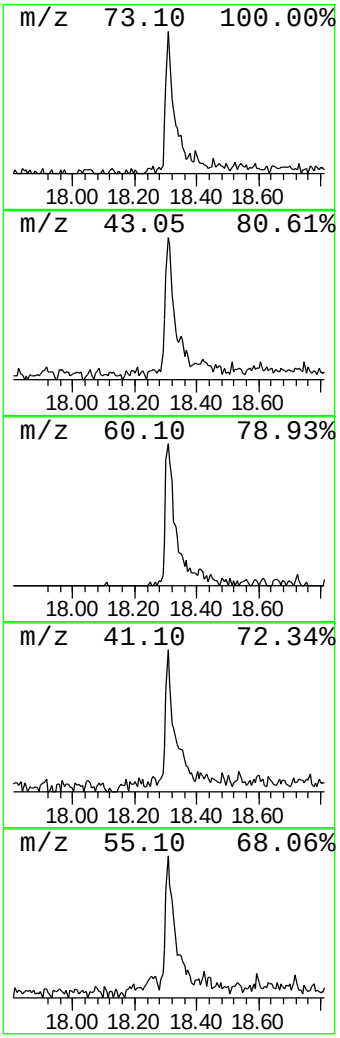
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.03 ng/ul	146703	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BEP99

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

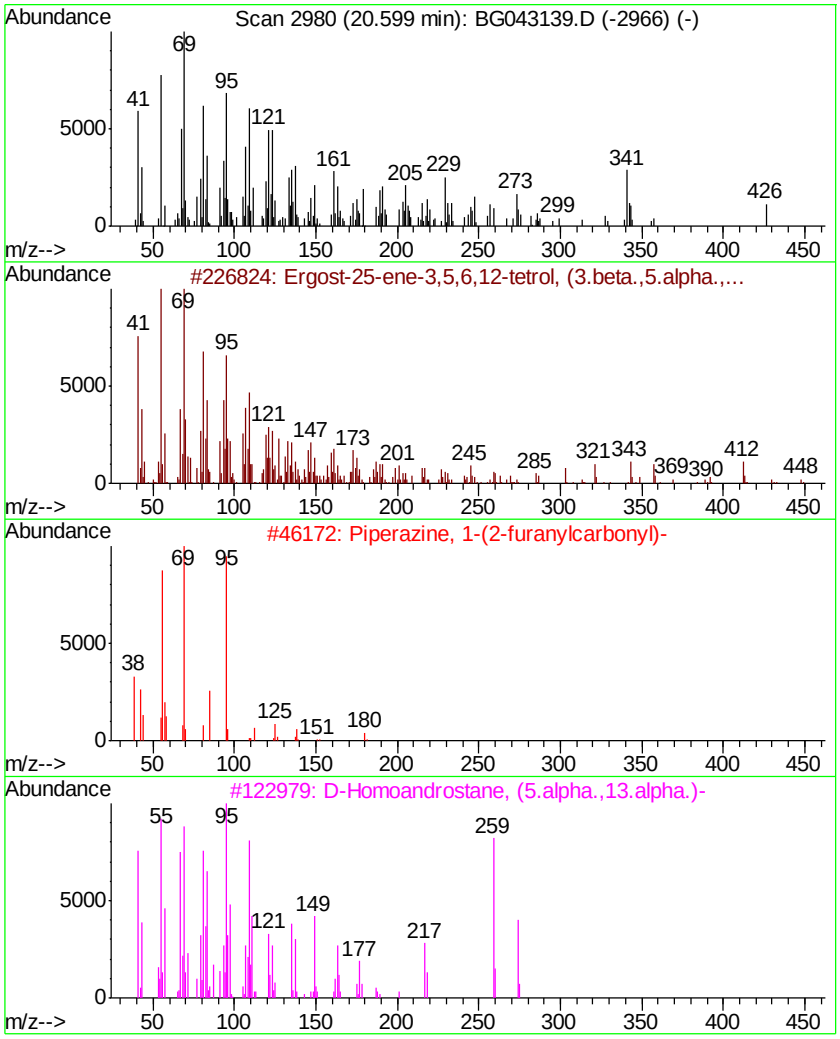
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

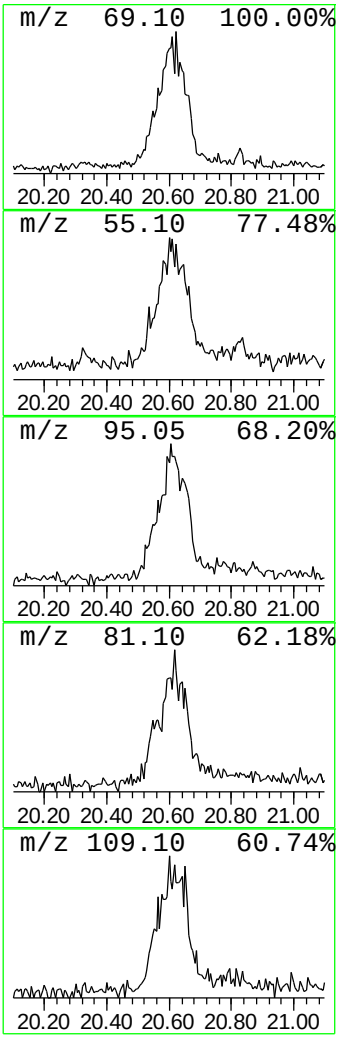
****

Peak Number 5 Ergost-25-ene-3,5,6,12-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	5.66 ng/ul	343950	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergost-25-ene-3,5,6,12-tetrol, (...	448	C28H48O4	056052-97-2	53
2	Piperazine, 1-(2-furanylcarbonyl)-	180	C9H12N2O2	040172-95-0	38
3	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	35
4	1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	25
5	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	12





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

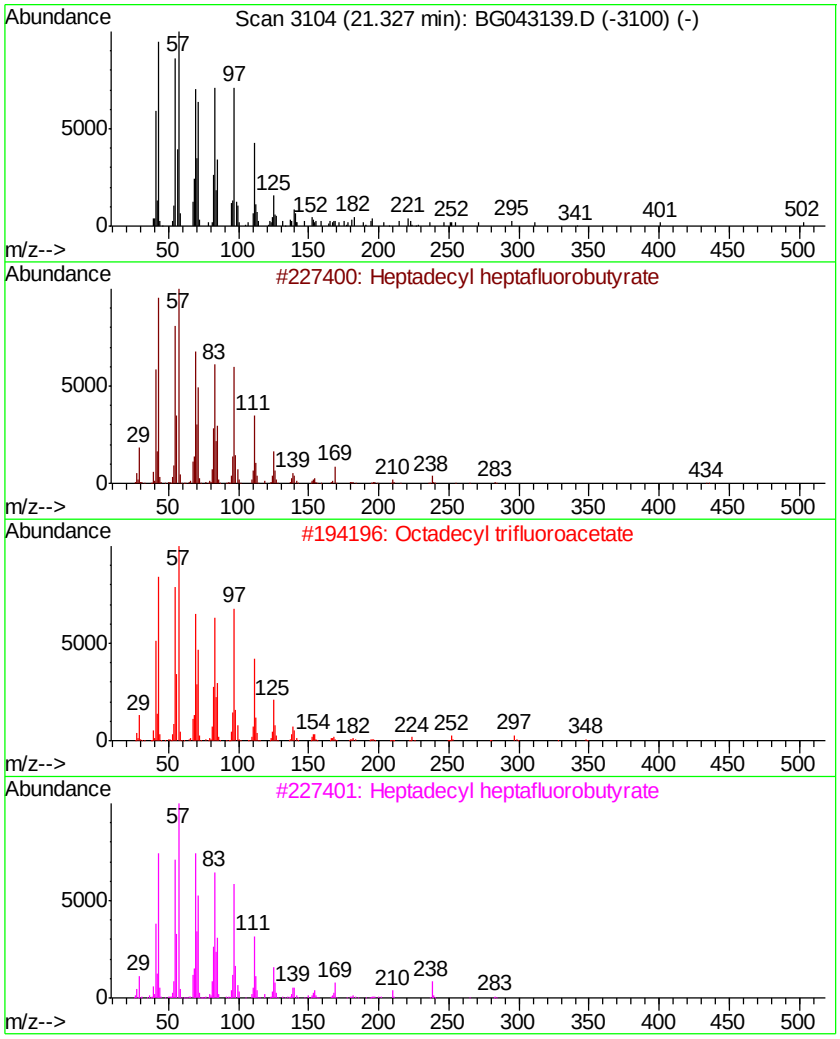
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

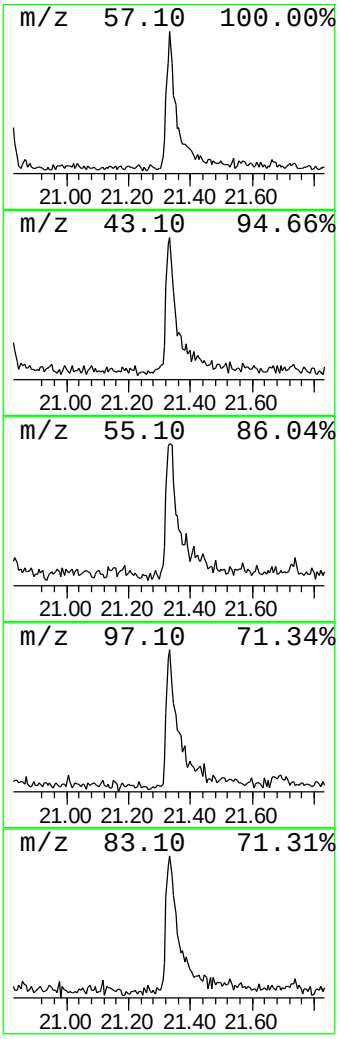
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.77 ng/ul	228790	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043139.D
Acq On : 10 Oct 2019 16:04
Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP99

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

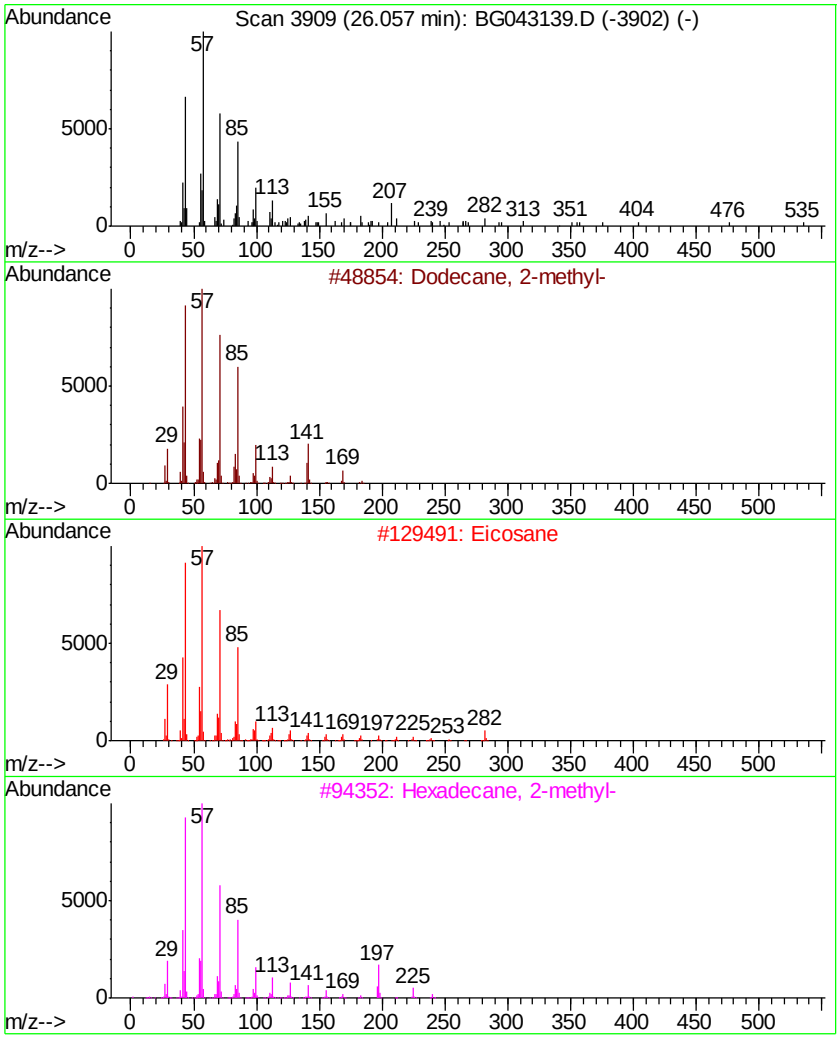
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

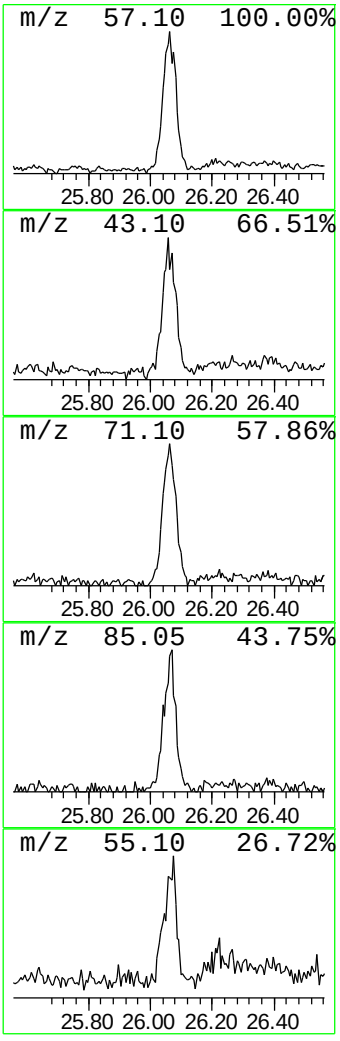
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	2.63 ng/ul	171764	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
4	Eicosane	282	C20H42	000112-95-8	76
5	Eicosane	282	C20H42	000112-95-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043139.D
Acq On : 10 Oct 2019 16:04
Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP99

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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
(DEL) Alkane: Cyc...	3.16	29.2	ng/ul	451775	1	8.05	308996	20.0
Butane, 2-methoxy...	3.24	45.2	ng/ul	698443	1	8.05	308996	20.0
unknown-01	16.04	2.9	ng/ul	102980	3	14.68	716121	20.0
n-Hexadecanoic acid	18.31	3.0	ng/ul	146703	4	17.42	967544	20.0
Ergost-25-ene-3,5...	20.60	5.7	ng/ul	343950	5	21.69	1214970	20.0
Heptadecyl heptaf...	21.33	3.8	ng/ul	228790	5	21.69	1214970	20.0
(DEL) Alkane: Str...	26.06	2.6	ng/ul	171764	6	24.91	1305030	20.0