LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049267.D
Acq On : 10 Jul 2021 15:40
Operator : CG/JU
Sample : PB137573BL
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK573

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\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049267.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	8	13	23	rBV3	27111	54699	5.66%	0.558%
2	3.462	69	72	80	rVB3	8922	12974	1.34%	0.132%
3	3.603	94	96	99	rVB3	1922	1621	0.17%	0.017%
4	3.791	126	128	131	rBV3	1398	1396	0.14%	0.014%
5	3.885	141	144	155	rBV	87567	168759	17.47%	1.722%
6	4.267	207	209	212	rBV2	2600	2545	0.26%	0.026%
7	4.402	230	232	237	rBV3	1357	1967	0.20%	0.020%
8	4.514	248	251	253	rBV3	1474	2009	0.21%	0.021%
9	4.543	253	256	262	rVB5	1822	2370	0.25%	0.024%
10	4.614	262	268	270	rBV4	946	1713	0.18%	0.017%
11	4.825	301	304	306	rBV	1533	1620	0.17%	0.017%
12	4.949	322	325	328	rBV3	1178	1337	0.14%	0.014%
13	4.984	330	331	334	rVB	2234	1332	0.14%	0.014%
14	5.184	364	365	369	rBV2	1413	1451	0.15%	0.015%
15	5.648	441	444	449	rVB3	995	1576	0.16%	0.016%
16	6.177	531	534	538	rBV3	1435	1852	0.19%	0.019%
17	7.023	676	678	681	rVB2	1091	1468	0.15%	0.015%
18	7.223	704	712	722	rBV	139331	244998	25.37%	2.501%
19	7.393	733	741	749	rBV	85546	154667	16.02%	1.579%
20	7.599	770	776	785	rBV	134313	237121	24.55%	2.420%
21	7.945	832	835	838	rVB	1084	1326	0.14%	0.014%
22	8.075	850	857	867	rVB	90190	156161	16.17%	1.594%
23	8.774	969	976	985	rBV2	166455	288714	29.90%	2.947%
24	9.173	1038	1044	1046	rBV	863	1367	0.14%	0.014%
25	9.238	1046	1055	1065	rBV	133115	245592	25.43%	2.507%
26	9.455	1089	1092	1095	rBV	1000	1367	0.14%	0.014%
27	9.966	1172	1179	1190	rBV	123454	222664	23.06%	2.273%
28	10.507	1264	1271	1279	rBV	164429	302632	31.34%	3.089%
29	10.842	1324	1328	1330	rBV	1211	1441	0.15%	0.015%
30	10.895	1330	1337	1345	rVB	120493	218557	22.63%	2.231%
31	11.024	1351	1359	1367	rBV	159424	295040	30.55%	3.011%
32	11.835	1491	1497	1499	rBV	785	1300	0.13%	0.013%
33	12.481	1603	1607	1610	rVB2	2543	3397	0.35%	0.035%
34	13.421	1763	1767	1770	rBV2	1686	1461	0.15%	0.015%
35	13.932	1851	1854	1858	rBV	837	1381	0.14%	0.014%
36	14.115	1879	1885	1892	rBV	331571	489330	50.67%	4.994%

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Misc :
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Instrument : BNA_G
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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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

37	14.414	1929	1936	1945	rVB	324777	532823	55.17%	5.438%
38	14.720	1980	1988	1999	rVB	193515	312579	32.37%	3.190%
39	14.902	2013	2019	2031	rBV	141768	257351	26.65%	2.627%
40	15.554	2127	2130	2132	rBV	1198	1403	0.15%	0.014%
41	15.713	2149	2157	2168	rVB	427659	663547	68.71%	6.772%
42	15.818	2169	2175	2190	rVV	155688	247899	25.67%	2.530%
43	15.948	2194	2197	2201	rVB4	4995	7509	0.78%	0.077%
44	16.324	2258	2261	2262	rBV2	1168	1313	0.14%	0.013%
45	16.500	2288	2291	2293	rVB2	2326	1878	0.19%	0.019%
46	16.594	2300	2307	2308	rVB2	833	1383	0.14%	0.014%
47	17.140	2397	2400	2404	rVB2	1212	1311	0.14%	0.013%
48	17.264	2418	2421	2425	rVB3	1493	1649	0.17%	0.017%
49	17.464	2449	2455	2463	rVB	261916	412145	42.68%	4.206%
50	17.563	2465	2472	2483	rVV	503163	771859	79.92%	7.878%
51	18.227	2582	2585	2588	rVB2	1286	1548	0.16%	0.016%
52	18.380	2608	2611	2614	rVB4	1216	1366	0.14%	0.014%
53	18.415	2614	2617	2620	rBV	1280	1310	0.14%	0.013%
54	18.592	2645	2647	2651	rVB2	1438	1507	0.16%	0.015%
55	18.762	2673	2676	2679	rVB3	1355	1502	0.16%	0.015%
56	18.880	2694	2696	2699	rVB2	1597	1610	0.17%	0.016%
57	19.073	2725	2729	2732	rBV4	1161	1358	0.14%	0.014%
58	19.132	2737	2739	2741	rBV2	2081	1510	0.16%	0.015%
59	19.444	2790	2792	2793	rBV	2686	1363	0.14%	0.014%
60	19.485	2796	2799	2805	rVV	6408	9152	0.95%	0.093%
61	19.526	2805	2806	2809	rVB	1902	1351	0.14%	0.014%
62	19.561	2809	2812	2814	rBV4	1756	2306	0.24%	0.024%
63	19.684	2829	2833	2834	rBV3	1549	1455	0.15%	0.015%
64	19.737	2837	2842	2847	rBV2	5389	8620	0.89%	0.088%
65	19.855	2855	2862	2868	rBV	670118	965730	100.00%	9.856%
66	19.972	2880	2882	2885	rBV4	1518	1870	0.19%	0.019%
67	20.002	2885	2887	2890	rBV3	1155	1318	0.14%	0.013%
68	20.636	2993	2995	2996	rBV2	1944	1545	0.16%	0.016%
69	20.924	3042	3044	3046	rBV3	3134	1777	0.18%	0.018%
70	21.130	3077	3079	3080	rVB2	3377	1492	0.15%	0.015%
71	21.388	3120	3123	3124	rBV3	4381	3601	0.37%	0.037%
72	21.753	3178	3185	3192	rBV	275269	477128	49.41%	4.870%
73	22.569	3320	3324	3327	rVB5	8782	11405	1.18%	0.116%
74	23.274	3439	3444	3451	rVB3	22138	41924	4.34%	0.428%
75	24.103	3579	3585	3593	rVB2	37267	80118	8.30%	0.818%
76	24.820	3696	3707	3719	rVB2	321325	903565	93.56%	9.222%

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Instrument : BNA_G
ClientSampleId : SBLK573

Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

77	25.049	3736	3746	3761	rVB2	168510	598146	61.94%	6.105%
78	26.247	3943	3950	3960	rVB3	53785	148772	15.41%	1.518%
79	27.646	4178	4188	4199	rVB3	49014	177184	18.35%	1.808%
80	28.404	4315	4317	4318	rBV	4407	2570	0.27%	0.026%

Sum of corrected areas: 9797957

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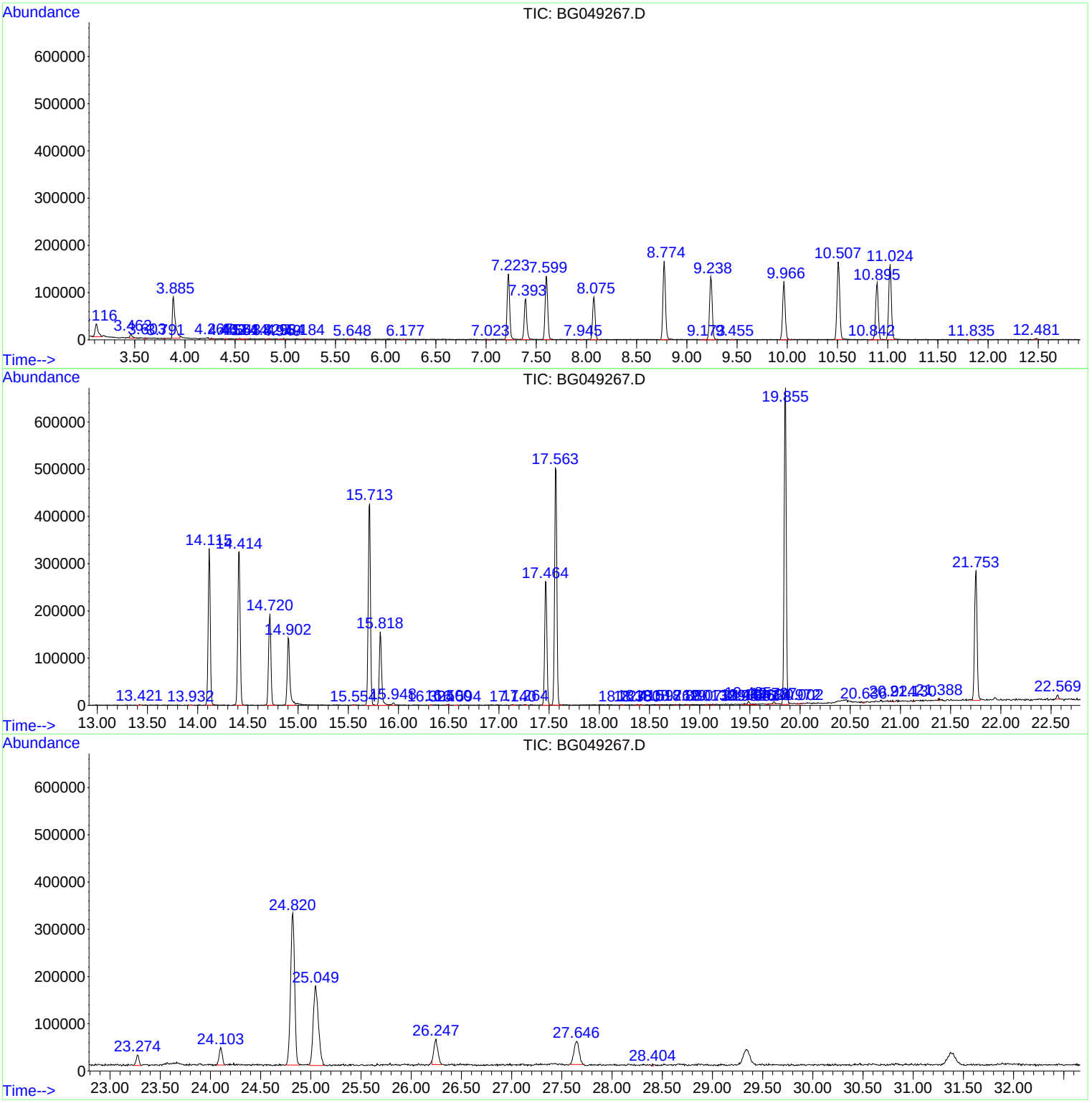
Instrument :
BNA_G
ClientSampleId :
SBLK573

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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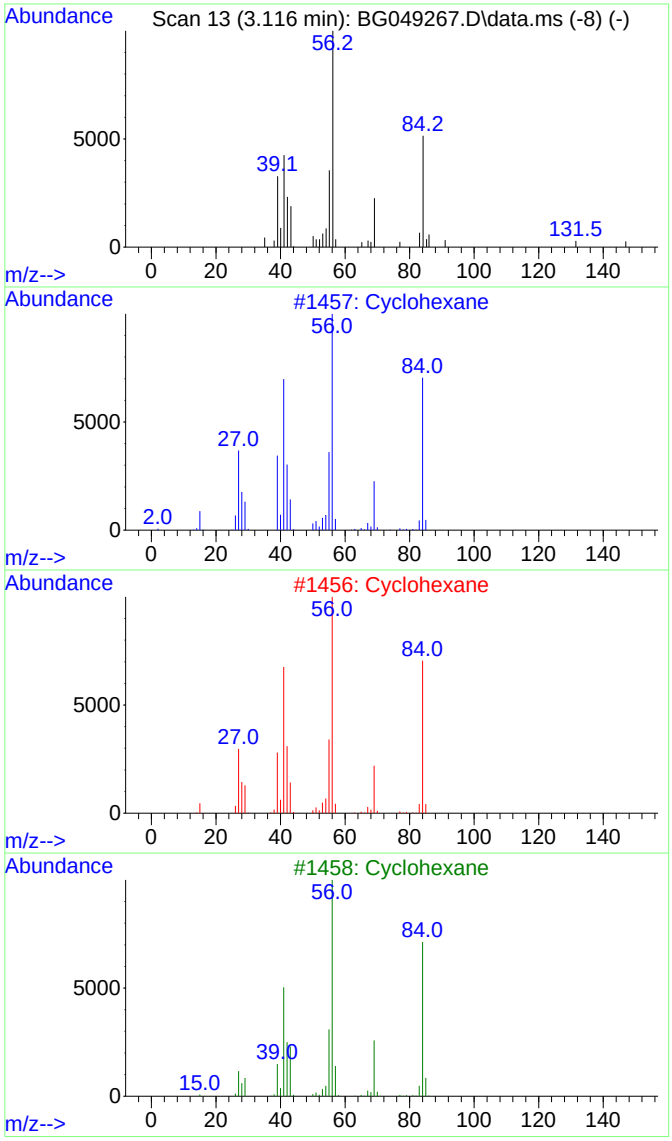
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

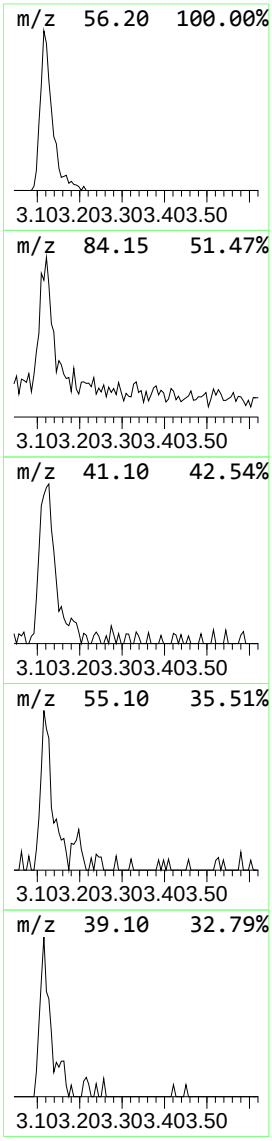
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	7.01 ng/ul	54699	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	Cyclohexane	84	C6H12	000110-82-7	87
3	Cyclohexane	84	C6H12	000110-82-7	80
4	Cyclohexane	84	C6H12	000110-82-7	60
5	Bromoacetic acid, hexyl ester	222	C8H15BrO2	013048-32-3	56





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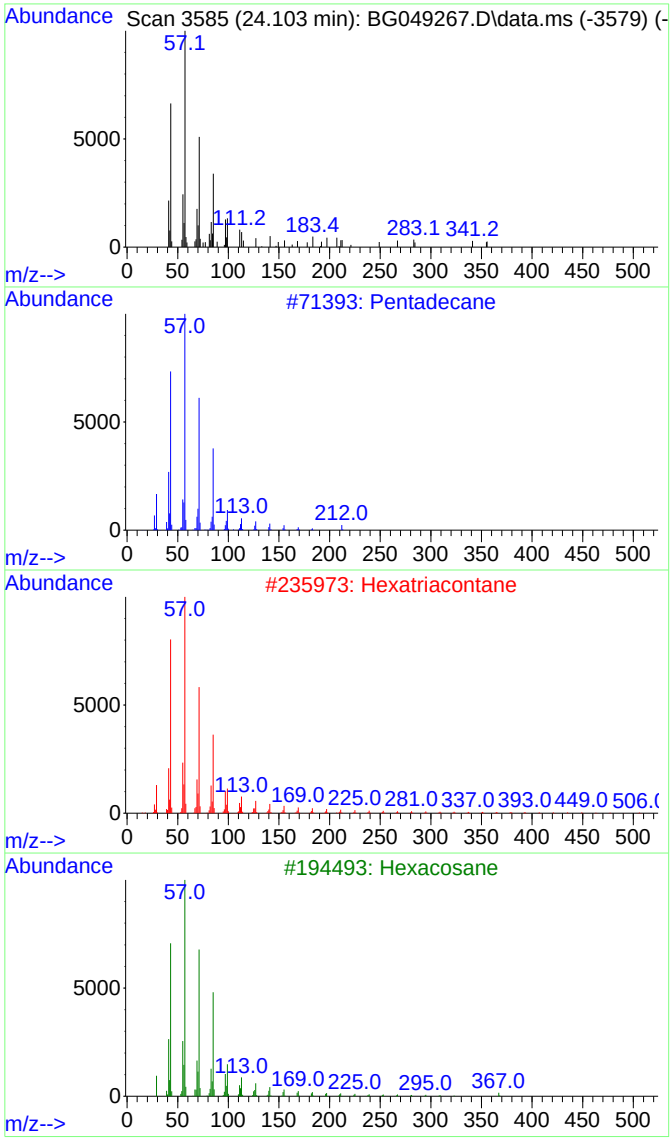
Quant Title : SVOA CALIBRATION

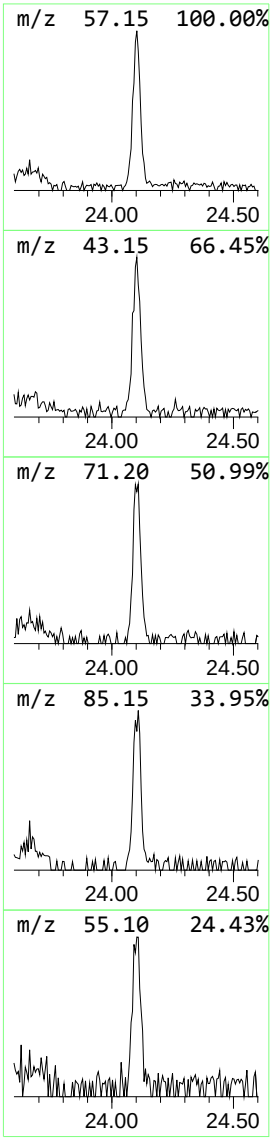
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.100	2.68 ng/ul	80118	Perylene-d12	25.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Hexatriacontane	507	C36H74	000630-06-8	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





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Instrument : BNA_G
ClientSampleId : SBLK573

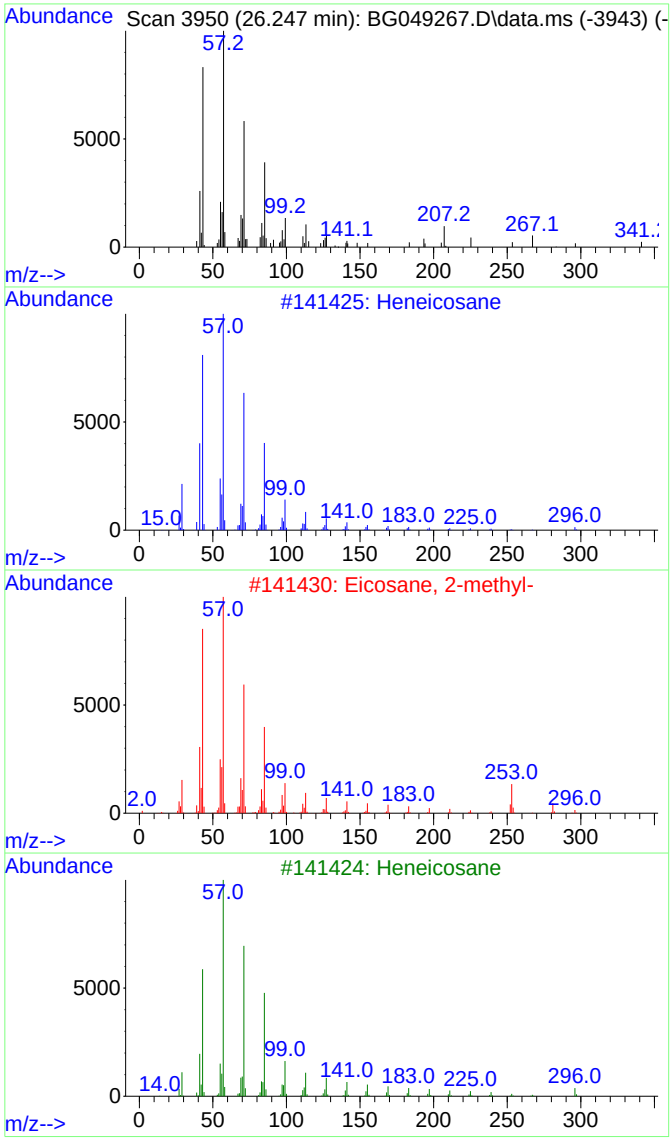
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

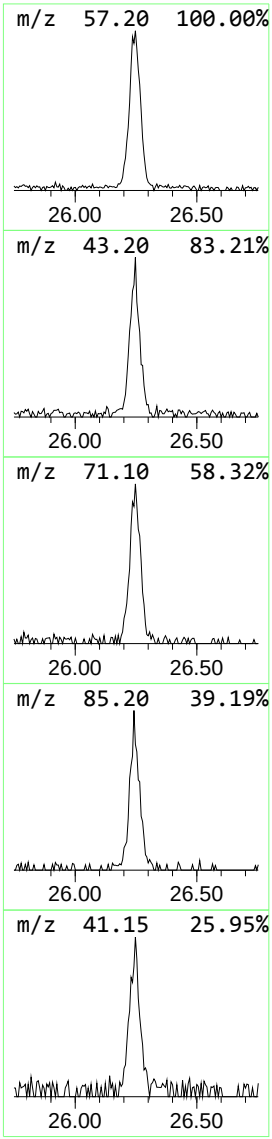
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.250	4.97 ng/ul	148772	Perylene-d12	25.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83





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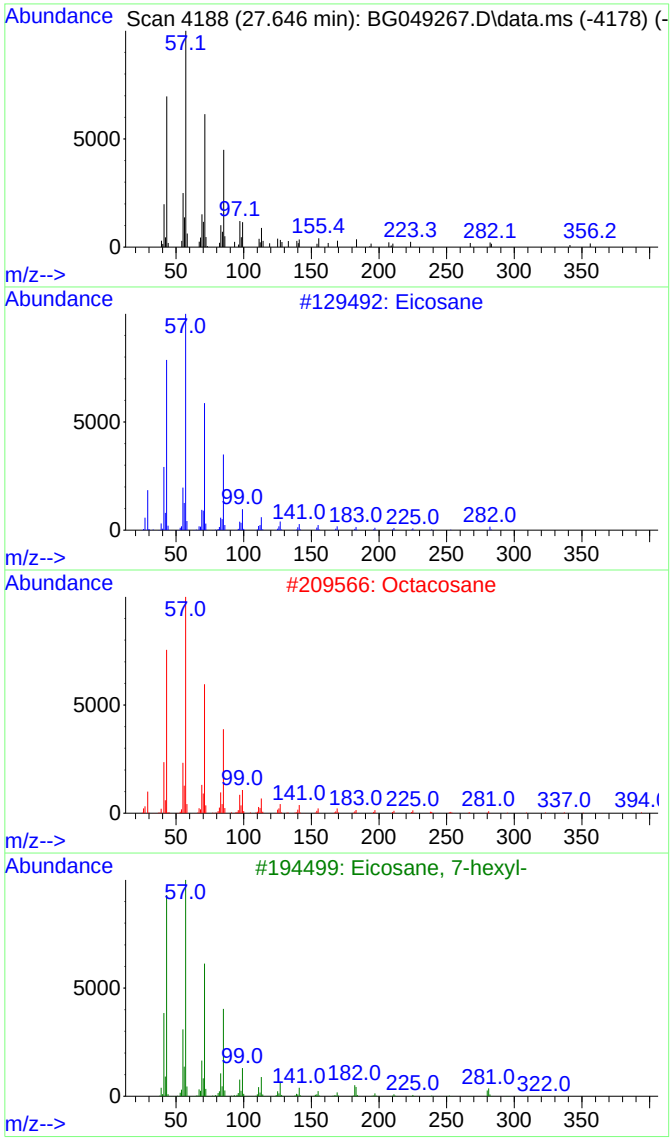
Quant Title : SVOA CALIBRATION

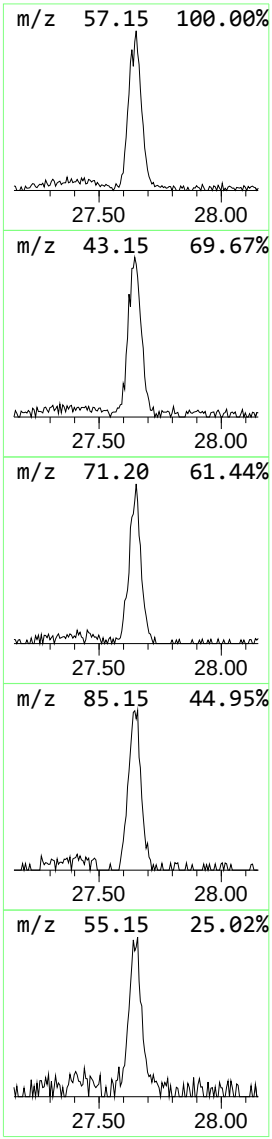
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.650	5.92 ng/ul	177184	Perylene-d12	25.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	90
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

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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: C...	3.120	7.0	ng/ul	54699	1	8.069	156161	20.0
(DEL) Alkane: S...	24.100	2.7	ng/ul	80118	6	25.043	598146	20.0
(DEL) Alkane: S...	26.250	5.0	ng/ul	148772	6	25.043	598146	20.0
(DEL) Alkane: S...	27.650	5.9	ng/ul	177184	6	25.043	598146	20.0