LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057950.D
Acq On : 3 Jul 2023 11:26
Operator : CG/JU
Sample : 03248-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGP4

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.370	44	48	54	rVB3	11521	17685	1.22%	0.148%
2	3.482	65	67	71	rBV3	1247	1529	0.11%	0.013%
3	3.782	113	118	127	rBV	38904	66971	4.61%	0.559%
4	4.017	154	158	163	rBV4	2779	4687	0.32%	0.039%
5	4.116	172	175	180	rVB3	2000	2407	0.17%	0.020%
6	7.095	672	682	690	rBV	32033	57651	3.97%	0.481%
7	7.260	703	710	719	rBV	119641	196260	13.51%	1.638%
8	7.465	738	745	753	rVB	108183	180125	12.40%	1.503%
9	7.930	818	824	833	rVB	105380	177282	12.20%	1.479%
10	8.635	938	944	954	rBV	89887	156646	10.78%	1.307%
11	9.093	1015	1022	1034	rBV	139186	245824	16.92%	2.051%
12	9.816	1138	1145	1152	rBV	92646	162939	11.22%	1.360%
13	10.356	1230	1237	1245	rBV	141093	247903	17.06%	2.068%
14	10.738	1293	1302	1309	rBV	157881	284238	19.56%	2.372%
15	10.867	1317	1324	1334	rBV	154369	294106	20.24%	2.454%
16	12.330	1568	1573	1576	rBV2	1967	3193	0.22%	0.027%
17	13.458	1758	1765	1770	rBV3	5142	8251	0.57%	0.069%
18	13.970	1846	1852	1864	rBV	369519	528799	36.40%	4.412%
19	14.263	1894	1902	1915	rBV	385166	619754	42.66%	5.171%
20	14.569	1947	1954	1964	rBV	264101	418636	28.82%	3.493%
21	14.763	1981	1987	2001	rBV2	22660	46690	3.21%	0.390%
22	15.556	2115	2122	2132	rBV	548878	834395	57.43%	6.962%
23	15.668	2134	2141	2149	rBV	145693	213480	14.69%	1.781%
24	15.797	2159	2163	2168	rBV2	2040	2439	0.17%	0.020%
25	17.307	2414	2420	2431	rBV	386173	596259	41.04%	4.975%
26	17.407	2431	2437	2449	rVB	733564	1124107	77.38%	9.379%
27	17.589	2464	2468	2471	rBV3	1549	2677	0.18%	0.022%
28	17.689	2478	2485	2489	rBV2	1241	2663	0.18%	0.022%
29	18.200	2568	2572	2575	rBV2	9578	14857	1.02%	0.124%
30	18.881	2685	2688	2690	rBV4	1610	1902	0.13%	0.016%
31	19.052	2714	2717	2722	rBV5	2041	3695	0.25%	0.031%
32	19.187	2737	2740	2741	rBV2	1232	1531	0.11%	0.013%
33	19.263	2748	2753	2760	rVB3	10963	15073	1.04%	0.126%
34	19.328	2760	2764	2769	rBV	8881	13263	0.91%	0.111%
35	19.381	2769	2773	2779	rVB5	2026	3021	0.21%	0.025%
36	19.475	2785	2789	2794	rBV6	5470	10487	0.72%	0.088%

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Integrator: RTE
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Title : SVOA CALIBRATION

37	19.616	2809	2813	2818	rBV5	4829	6838	0.47%	0.057%
38	19.698	2820	2827	2838	rVV	1005465	1449112	99.75%	12.091%
39	19.833	2847	2850	2853	rVB5	1801	2434	0.17%	0.020%
40	19.880	2853	2858	2859	rBV4	2004	2566	0.18%	0.021%
41	20.227	2914	2917	2919	rBV3	2634	2973	0.20%	0.025%
42	20.391	2942	2945	2948	rBV4	1870	3201	0.22%	0.027%
43	20.450	2953	2955	2956	rBV2	2127	1791	0.12%	0.015%
44	20.656	2987	2990	2993	rBV3	5980	8518	0.59%	0.071%
45	20.721	2999	3001	3003	rVB3	5477	3606	0.25%	0.030%
46	21.214	3083	3085	3090	rVB3	8681	8107	0.56%	0.068%
47	21.455	3122	3126	3130	rVB2	11660	15404	1.06%	0.129%
48	21.561	3138	3144	3153	rBV2	419858	684220	47.10%	5.709%
49	21.749	3173	3176	3181	rVB2	14098	19614	1.35%	0.164%
50	22.348	3274	3278	3283	rVB2	17332	25935	1.79%	0.216%
51	22.712	3337	3340	3345	rVB7	7097	11287	0.78%	0.094%
52	23.024	3388	3393	3400	rVB	37045	67442	4.64%	0.563%
53	23.817	3520	3528	3536	rVB2	47591	109799	7.56%	0.916%
54	24.504	3635	3645	3657	rVB	551591	1452802	100.00%	12.122%
55	24.722	3672	3682	3696	rVB2	291813	908139	62.51%	7.577%
56	25.850	3865	3874	3886	rVB2	68773	193644	13.33%	1.616%
57	27.184	4090	4101	4113	rVB4	60046	214704	14.78%	1.791%
58	28.788	4364	4374	4387	rVB6	42226	174714	12.03%	1.458%
59	30.039	4585	4587	4590	rBV4	3775	4792	0.33%	0.040%
60	30.709	4693	4701	4702	rBV5	26252	51937	3.57%	0.433%

Sum of corrected areas: 11985004

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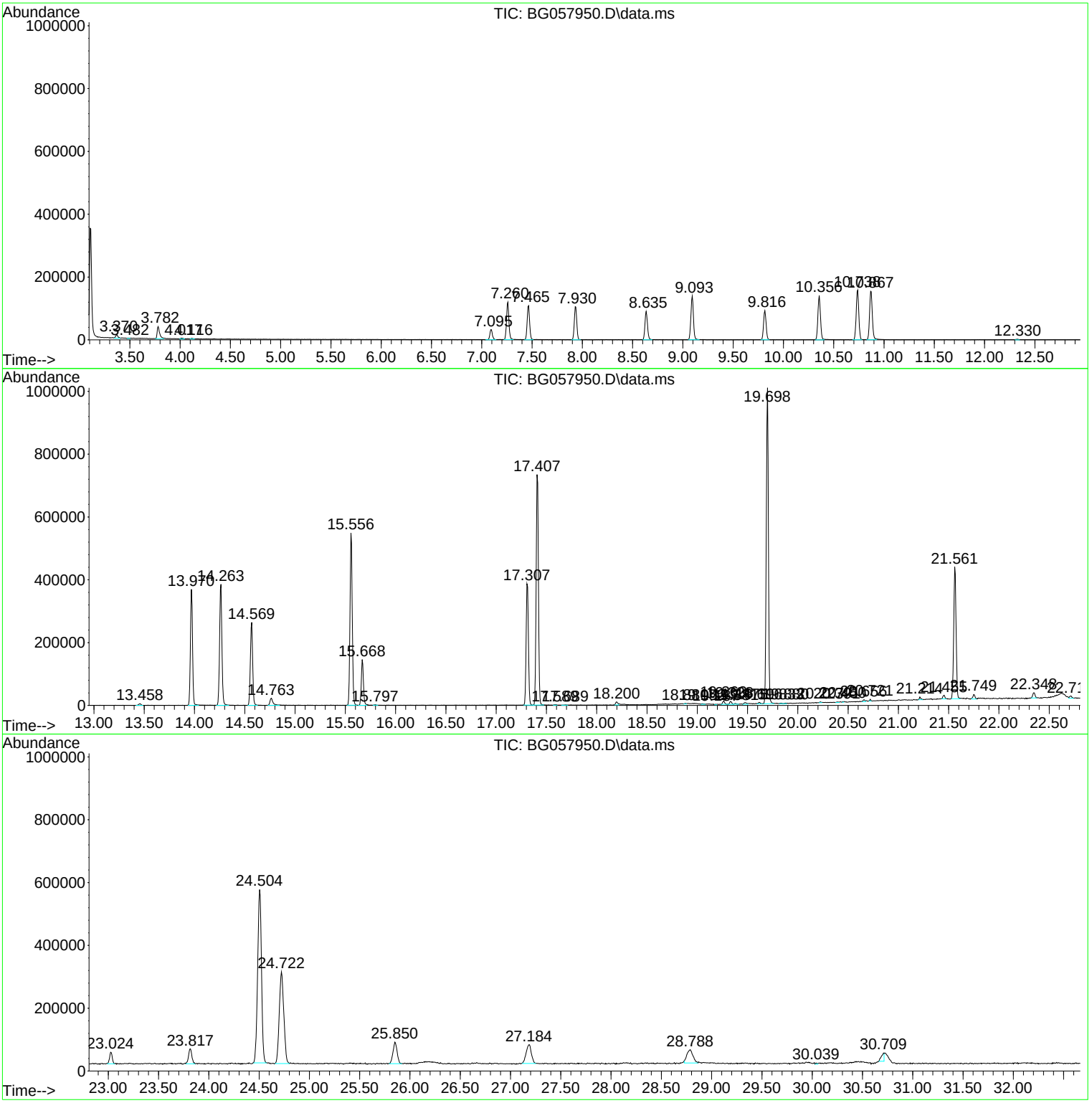
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

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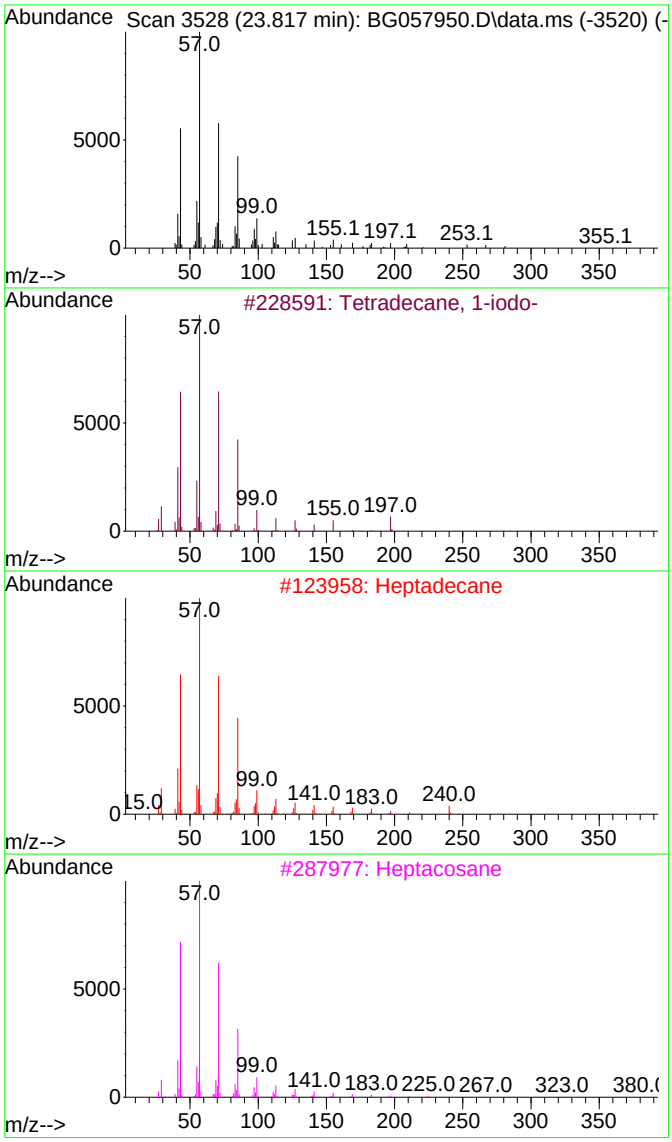
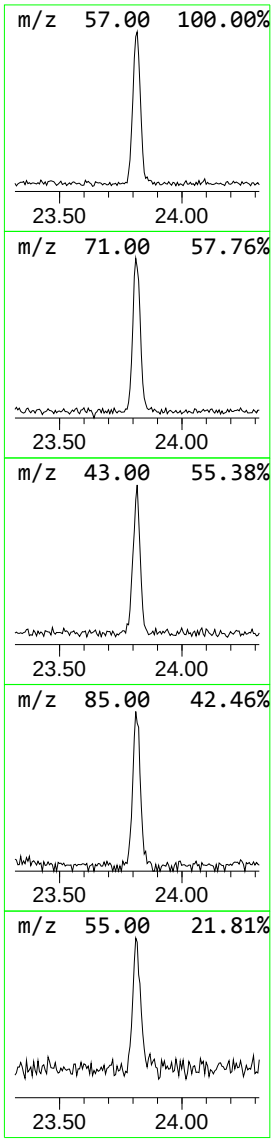
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetradecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.817	2.42 ng/ul	109799	Perylene-d12	24.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90





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Instrument :
BNA_G
ClientSampleId :
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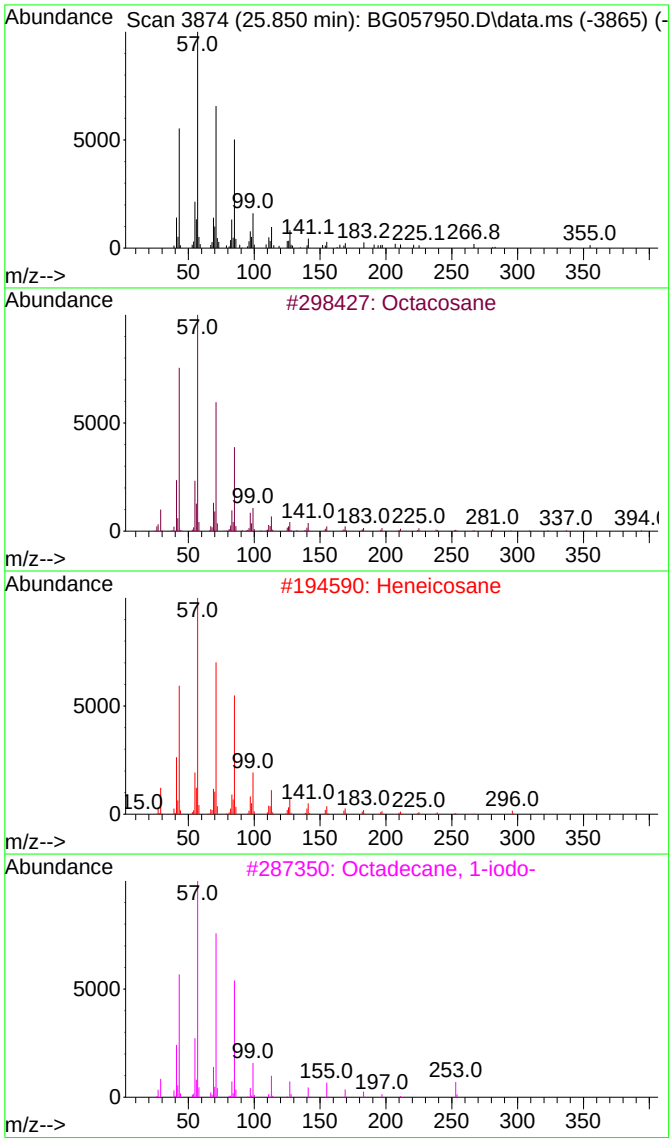
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

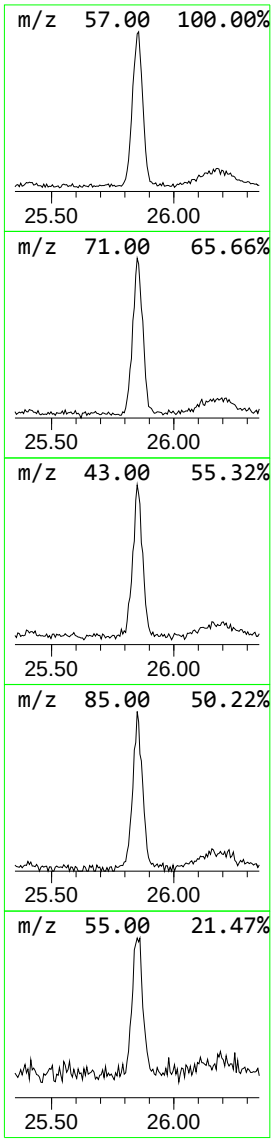
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.850	4.26 ng/ul	193644	Perylene-d12	24.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91
5	Heptadecane	240	C17H36	000629-78-7	91





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ClientSampleId :
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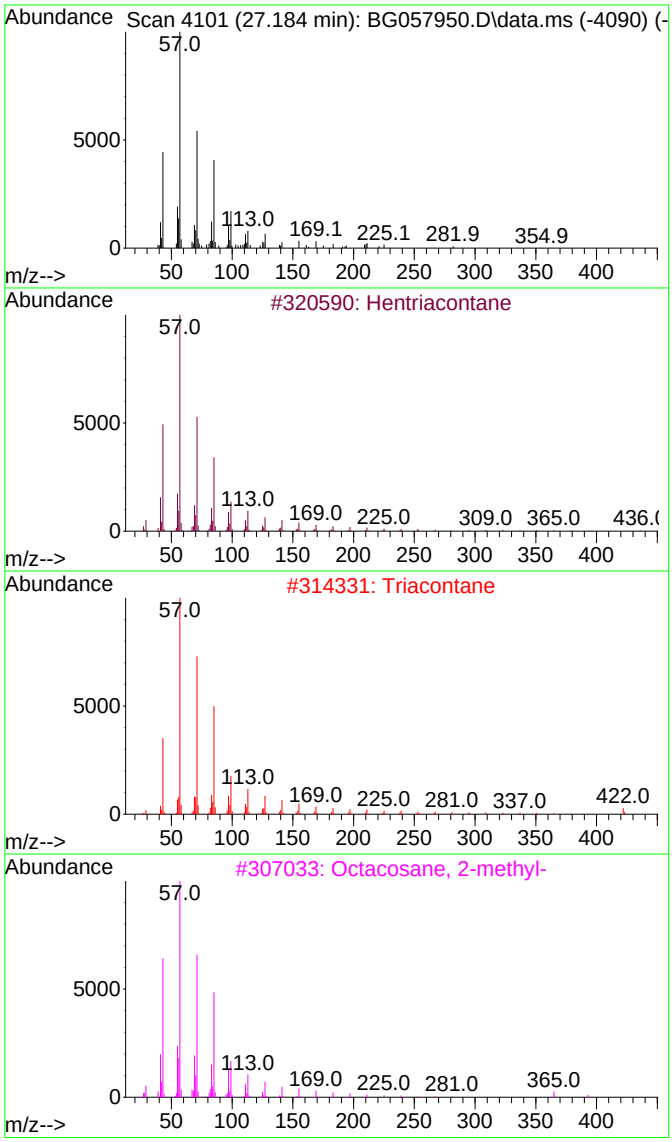
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

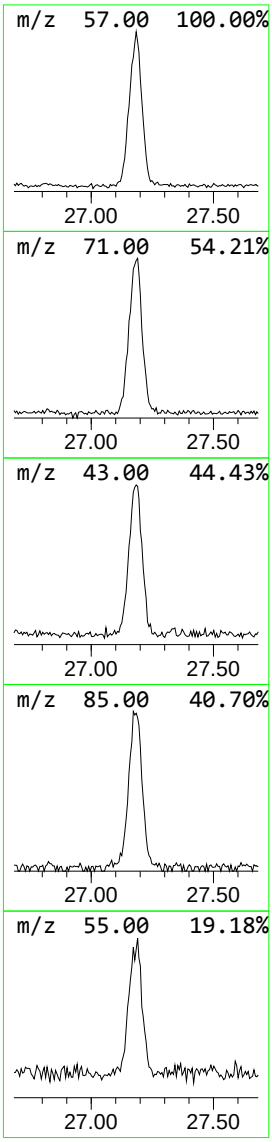
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.183	4.73 ng/ul	214704	Perylene-d12	24.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Triacontane	422	C30H62	000638-68-6	90
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5	Docosane	310	C22H46	000629-97-0	86





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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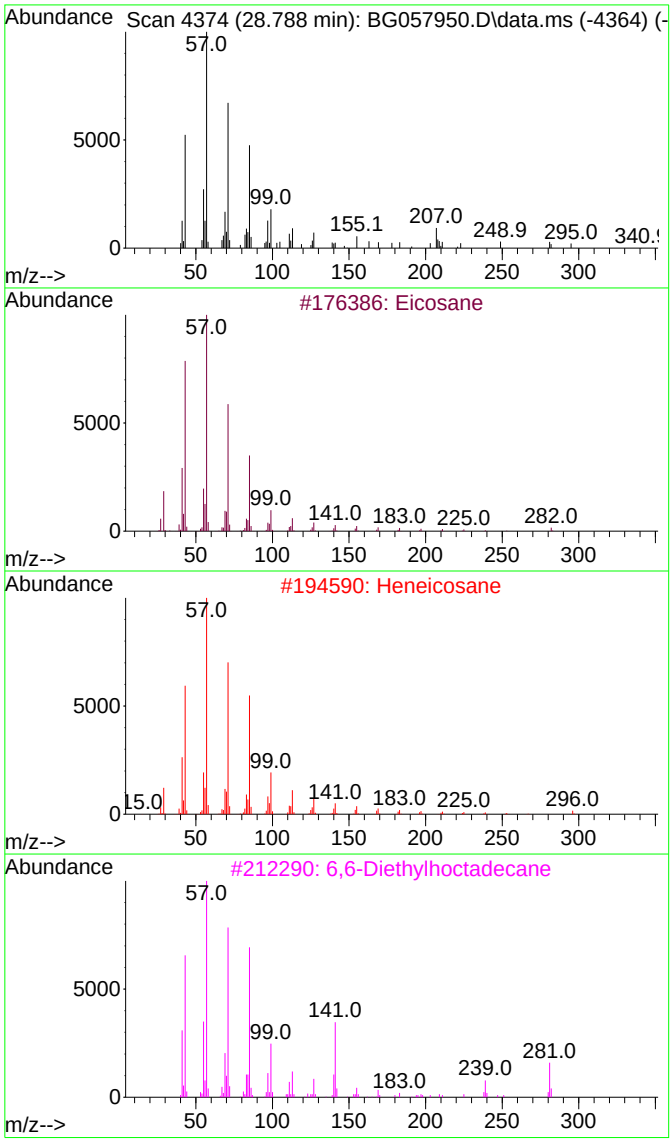
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

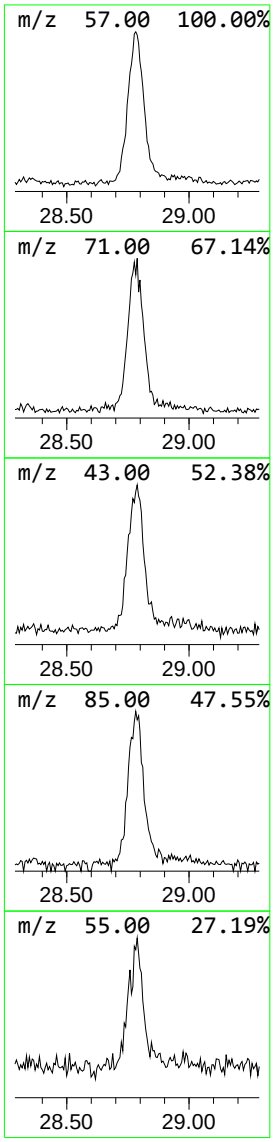
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.788	3.85 ng/ul	174714	Perylene-d12	24.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	83
3	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	80
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
DCGP4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetradecane, 1-...	23.817	2.4	ng/ul	109799	6	24.722	908139	20.0
(DEL) Alkane: S...	25.850	4.3	ng/ul	193644	6	24.722	908139	20.0
(DEL) Alkane: S...	27.183	4.7	ng/ul	214704	6	24.722	908139	20.0
(DEL) Alkane: S...	28.788	3.9	ng/ul	174714	6	24.722	908139	20.0