LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058981.D
Acq On : 11 Sep 2023 13:24
Operator : MA/JU
Sample : 04195-13
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YBY79

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-BG091023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.644	22	26	29	rBV3	11219	15091	0.64%	0.058%
2	3.732	39	41	43	rBV2	4747	4066	0.17%	0.016%
3	4.261	129	131	134	rBV3	3813	5213	0.22%	0.020%
4	4.413	153	157	161	rVB5	5131	8165	0.35%	0.031%
5	5.054	263	266	268	rBV3	3775	4094	0.17%	0.016%
6	5.218	291	294	300	rVB3	4256	8329	0.35%	0.032%
7	5.271	300	303	307	rVB2	3473	4577	0.19%	0.018%
8	5.342	311	315	318	rBV3	6805	8811	0.37%	0.034%
9	5.401	323	325	328	rVB3	4321	5001	0.21%	0.019%
10	5.436	328	331	333	rBV3	4992	6550	0.28%	0.025%
11	5.547	345	350	352	rBV4	3935	5228	0.22%	0.020%
12	5.571	352	354	359	rVB3	6547	5227	0.22%	0.020%
13	5.730	379	381	386	rVB3	4058	5757	0.24%	0.022%
14	5.947	417	418	423	rVB2	3932	4320	0.18%	0.017%
15	6.294	473	477	478	rBV2	4820	4924	0.21%	0.019%
16	7.433	663	671	679	rBV	267588	460038	19.57%	1.760%
17	7.645	700	707	717	rBV	196696	330361	14.05%	1.264%
18	7.839	733	740	747	rBV	223898	396303	16.86%	1.516%
19	8.115	786	787	789	rBV	5357	4457	0.19%	0.017%
20	8.244	807	809	812	rBV3	3844	4226	0.18%	0.016%
21	8.327	815	823	830	rVV	314417	555720	23.64%	2.126%
22	8.526	853	857	860	rVB3	4759	4592	0.20%	0.018%
23	8.685	881	884	887	rVB3	4192	5140	0.22%	0.020%
24	8.708	887	888	891	rBV3	5040	4522	0.19%	0.017%
25	9.002	930	938	946	rVV2	341267	591324	25.16%	2.262%
26	9.173	962	967	971	rBV3	4345	7525	0.32%	0.029%
27	9.437	1010	1012	1015	rVB2	4682	4349	0.19%	0.017%
28	9.519	1015	1026	1036	rBV	242836	440606	18.75%	1.685%
29	9.737	1059	1063	1066	rBV3	5795	8163	0.35%	0.031%
30	10.236	1142	1148	1156	rVB2	188646	355801	15.14%	1.361%
31	10.365	1168	1170	1173	rVB4	4486	5392	0.23%	0.021%
32	10.677	1220	1223	1226	rBV	5190	5898	0.25%	0.023%
33	10.759	1228	1237	1246	rBV2	323405	598116	25.45%	2.288%
34	11.170	1299	1307	1314	rBV	477461	896487	38.14%	3.429%
35	11.305	1323	1330	1339	rVB	157664	283062	12.04%	1.083%
36	11.423	1347	1350	1353	rVB	3215	4067	0.17%	0.016%

LSC Area Percent Report

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Acq On : 11 Sep 2023 13:24
Operator : MA/JU
Sample : 04195-13
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YBY79

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-BG091023.MA.M
Title : SVOA CALIBRATION

37	11.558	1370	1373	1374	rVV	4738	4574	0.19%	0.017%
38	11.770	1408	1409	1411	rBV	4841	4194	0.18%	0.016%
39	11.946	1435	1439	1441	rBV	2724	4522	0.19%	0.017%
40	12.022	1449	1452	1453	rBV	4139	5254	0.22%	0.020%
41	12.052	1455	1457	1462	rBV	3152	5115	0.22%	0.020%
42	12.187	1476	1480	1482	rBV3	3914	4645	0.20%	0.018%
43	12.480	1527	1530	1534	rVB3	5149	7181	0.31%	0.027%
44	12.715	1568	1570	1571	rBV2	5672	4627	0.20%	0.018%
45	12.792	1580	1583	1586	rVB4	3736	4148	0.18%	0.016%
46	12.886	1597	1599	1602	rBV2	5695	6220	0.26%	0.024%
47	13.468	1695	1698	1704	rBV4	3290	4765	0.20%	0.018%
48	13.644	1727	1728	1732	rBV3	5170	5731	0.24%	0.022%
49	13.697	1734	1737	1742	rVB5	8940	14067	0.60%	0.054%
50	13.785	1747	1752	1758	rVB5	32255	51210	2.18%	0.196%
51	14.108	1806	1807	1812	rVB	3123	4115	0.18%	0.016%
52	14.343	1840	1847	1854	rBV	623264	912410	38.82%	3.490%
53	14.566	1883	1885	1890	rVB2	3864	5188	0.22%	0.020%
54	14.649	1893	1899	1908	rVB	676664	1092446	46.48%	4.179%
55	14.766	1916	1919	1922	rVB2	6626	7616	0.32%	0.029%
56	14.948	1943	1950	1958	rVB	923592	1426814	60.70%	5.458%
57	15.025	1960	1963	1968	rBV2	5286	6440	0.27%	0.025%
58	15.113	1971	1978	1986	rBV	340384	525336	22.35%	2.010%
59	15.289	2004	2008	2013	rBV3	27160	37003	1.57%	0.142%
60	15.706	2077	2079	2081	rBV2	4230	4622	0.20%	0.018%
61	15.935	2109	2118	2125	rBV	951430	1446670	61.55%	5.534%
62	16.035	2129	2135	2142	rVV	268220	382834	16.29%	1.464%
63	16.170	2155	2158	2159	rBV2	8633	7467	0.32%	0.029%
64	16.787	2260	2263	2267	rBV4	8061	11760	0.50%	0.045%
65	17.022	2299	2303	2306	rVB5	10002	11707	0.50%	0.045%
66	17.128	2319	2321	2323	rBV2	5746	4342	0.18%	0.017%
67	17.569	2392	2396	2399	rBV2	3186	4381	0.19%	0.017%
68	17.698	2411	2418	2427	rVB	1282176	1984046	84.41%	7.589%
69	17.798	2428	2435	2444	rVV	1055823	1618246	68.85%	6.190%
70	17.927	2455	2457	2464	rBV4	7742	13523	0.58%	0.052%
71	18.027	2473	2474	2477	rBV	6069	4930	0.21%	0.019%
72	18.068	2477	2481	2483	rBV2	4235	5483	0.23%	0.021%
73	18.215	2505	2506	2510	rBV	4091	4058	0.17%	0.016%
74	18.297	2518	2520	2524	rVB3	5602	6983	0.30%	0.027%
75	18.391	2534	2536	2539	rBV3	7138	8142	0.35%	0.031%
76	18.520	2553	2558	2568	rBV	735561	1036613	44.10%	3.965%

LSC Area Percent Report

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Sample : 04195-13
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YBY79

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\SFAM-EPA-BG091023.MA.M
Title : SVOA CALIBRATION

77	18.867	2615	2617	2618	rBV2	5621	4472	0.19%	0.017%
78	18.902	2622	2623	2625	rBV2	5365	4142	0.18%	0.016%
79	19.120	2658	2660	2661	rVB2	8036	4864	0.21%	0.019%
80	19.137	2661	2663	2665	rBV3	5113	6060	0.26%	0.023%
81	19.173	2667	2669	2672	rVB3	9206	8450	0.36%	0.032%
82	19.308	2688	2692	2694	rBV5	7529	9966	0.42%	0.038%
83	19.643	2741	2749	2751	rBV4	81096	120340	5.12%	0.460%
84	19.778	2768	2772	2786	rBV2	525056	716442	30.48%	2.741%
85	19.925	2794	2797	2800	rVB5	12951	12139	0.52%	0.046%
86	20.066	2813	2821	2828	rBV	1295467	1906445	81.11%	7.293%
87	20.442	2881	2885	2887	rBV5	8495	11760	0.50%	0.045%
88	20.524	2896	2899	2907	rVB6	41193	51011	2.17%	0.195%
89	20.918	2964	2966	2968	rBV2	17248	15218	0.65%	0.058%
90	20.971	2973	2975	2978	rVB4	31029	29019	1.23%	0.111%
91	21.029	2982	2985	2990	rBV5	44285	59338	2.52%	0.227%
92	21.576	3073	3078	3090	rBV	289090	507725	21.60%	1.942%
93	21.958	3141	3143	3144	rBV2	15013	10324	0.44%	0.039%
94	22.022	3147	3154	3162	rVB	1140750	2068623	88.01%	7.913%
95	22.157	3173	3177	3185	rVB4	44395	78923	3.36%	0.302%
96	22.821	3285	3290	3292	rBV3	47258	68976	2.93%	0.264%
97	23.597	3415	3422	3428	rBV5	111541	260878	11.10%	0.998%
98	24.478	3566	3572	3579	rVB3	73419	162213	6.90%	0.621%
99	25.336	3708	3718	3729	rVB2	635845	1913450	81.41%	7.319%
100	25.583	3747	3760	3774	rVB	700676	2350501	100.00%	8.991%

Sum of corrected areas: 26142209

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Instrument :
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ClientSampleId :
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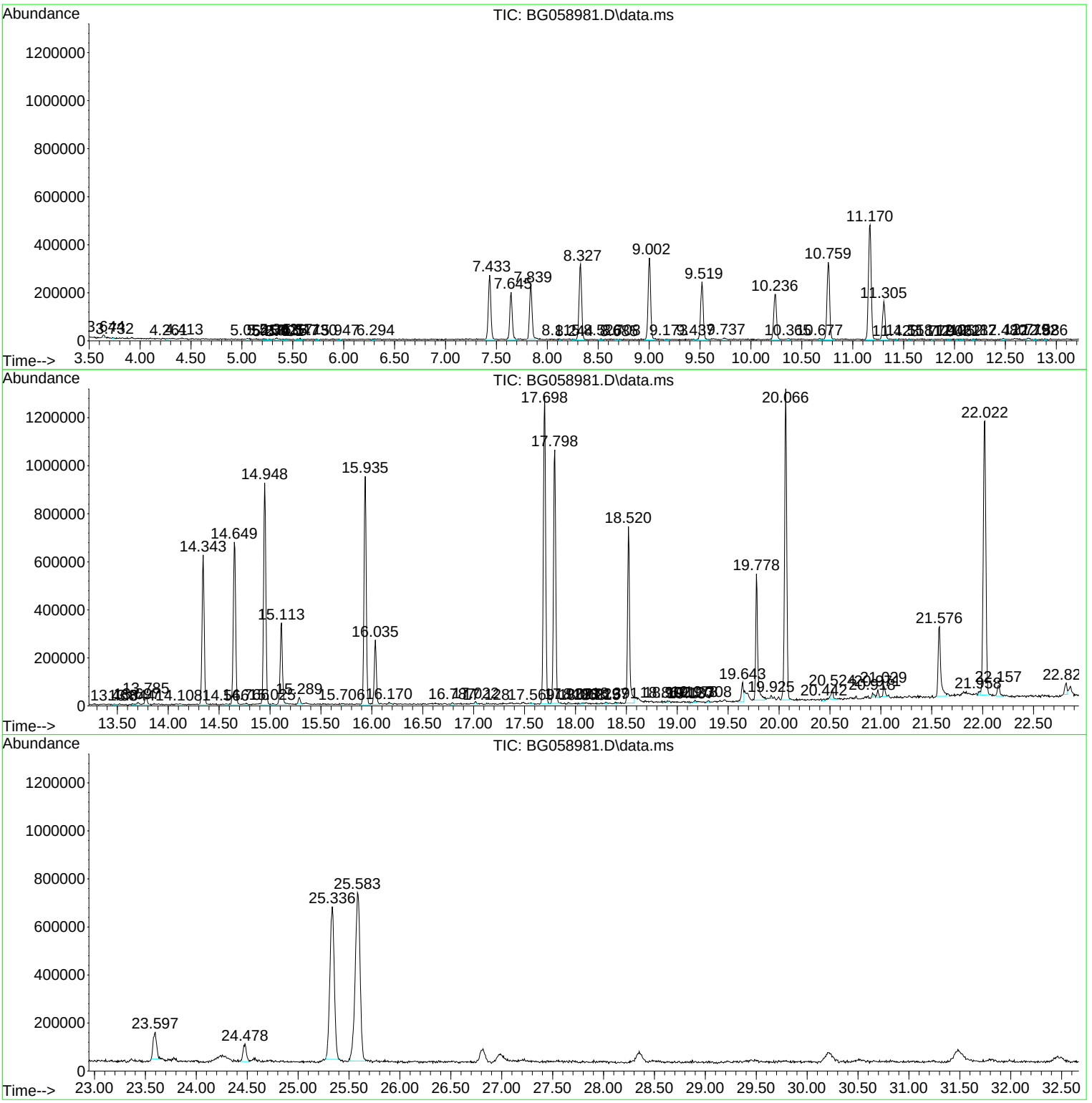
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
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Instrument :
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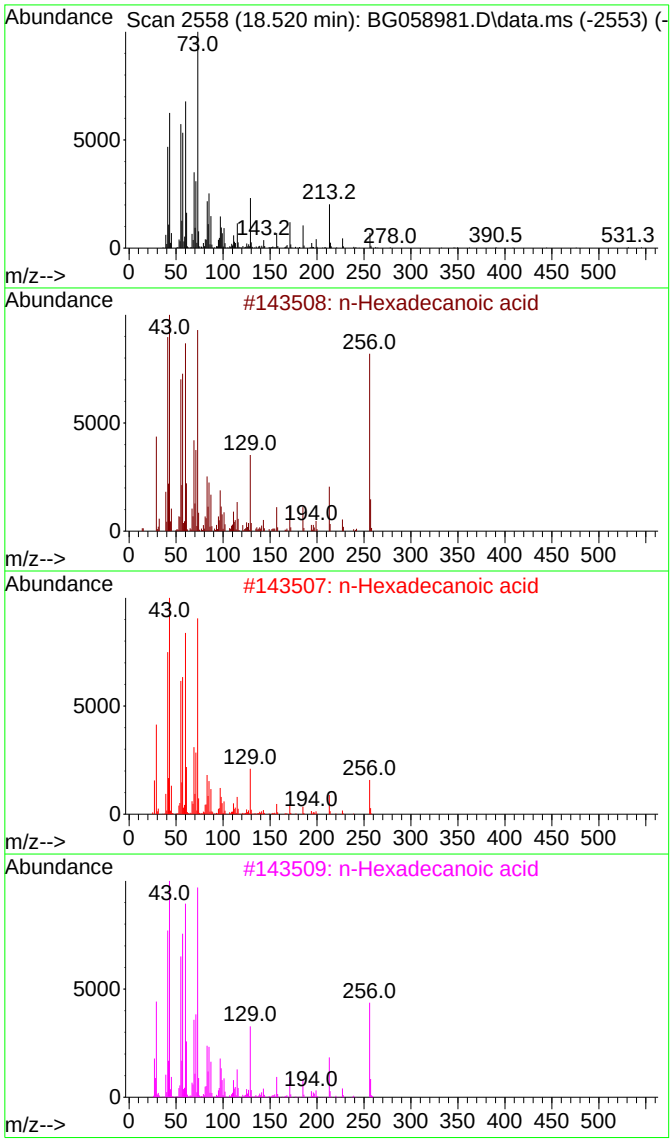
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

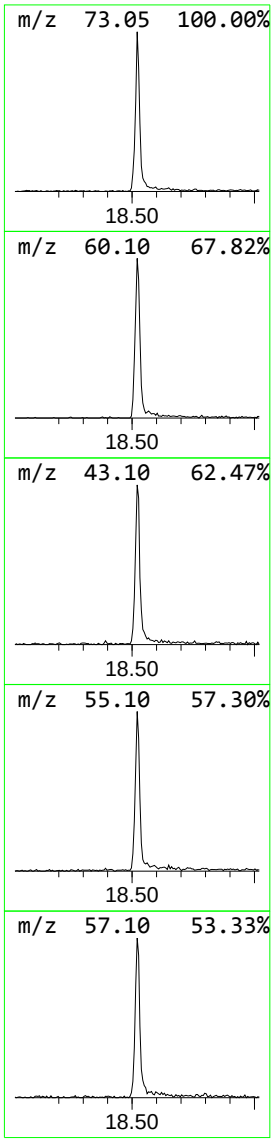
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	10.45 ng/ul	1036610	Phenanthrene-d10	17.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058981.D
Acq On : 11 Sep 2023 13:24
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ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

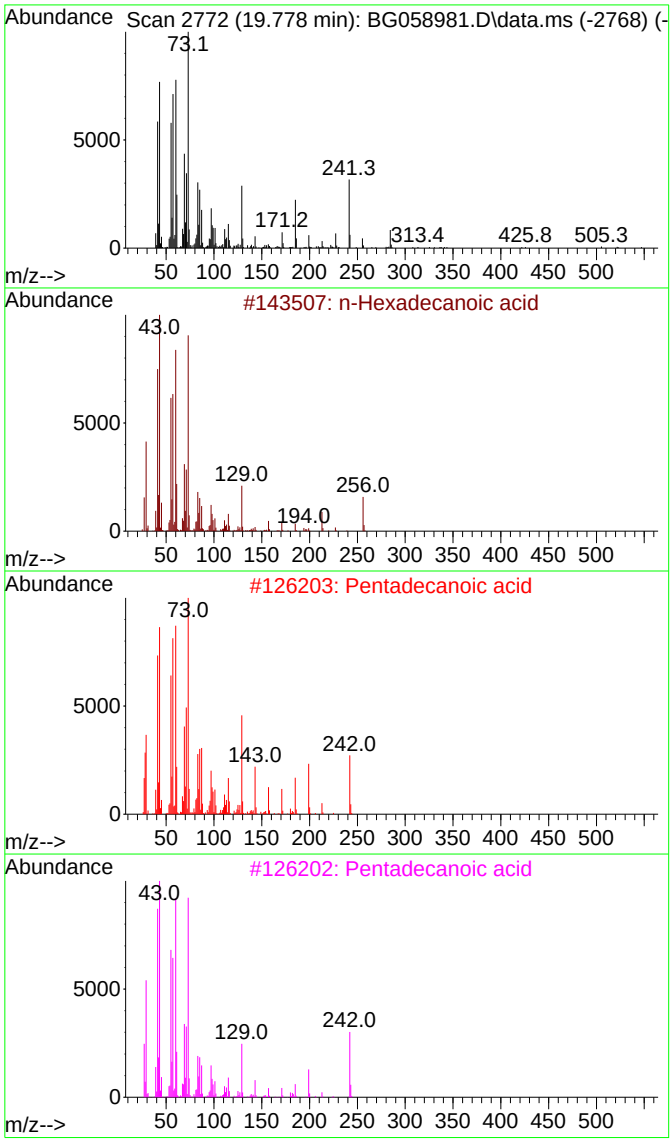
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

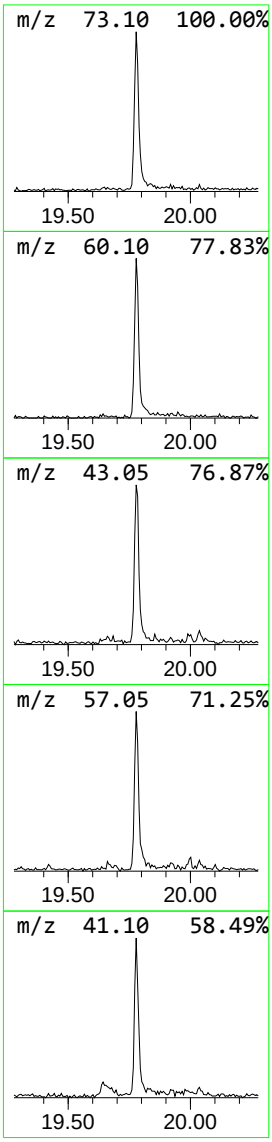
****

Peak Number 2 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.778	7.22 ng/ul	716442	Phenanthrene-d10	17.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	72





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Sample : 04195-13
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YBY79

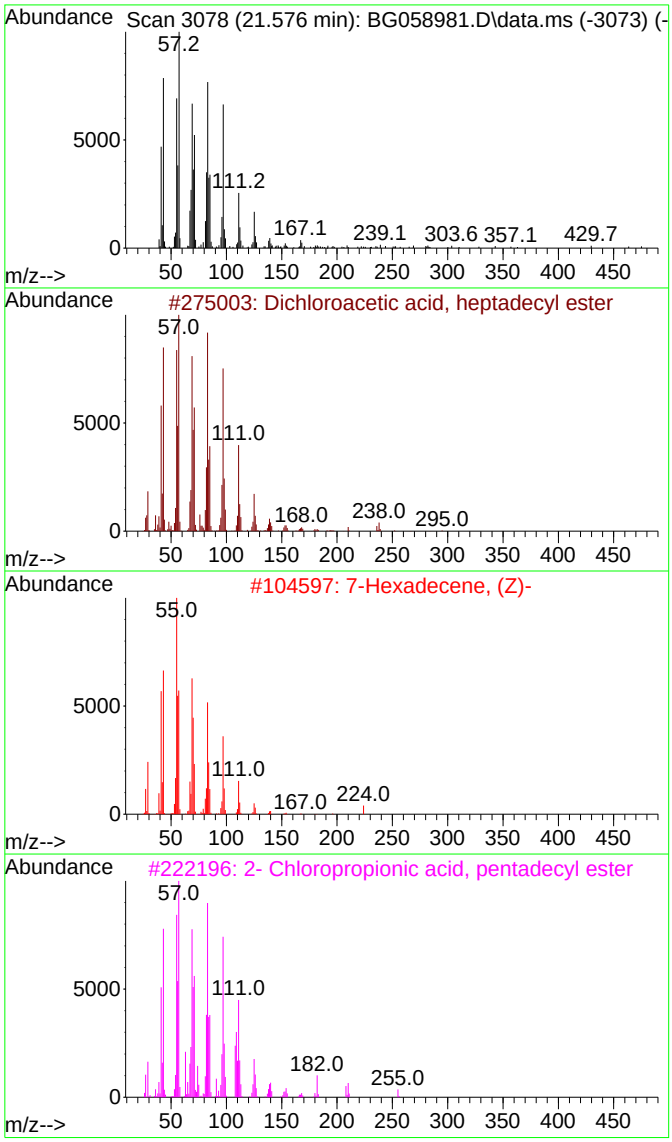
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

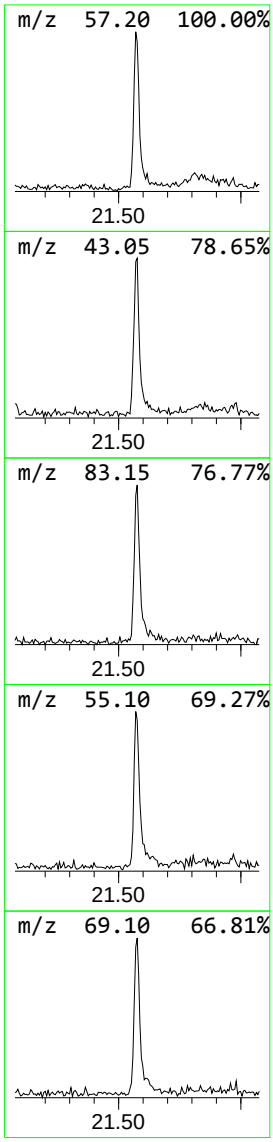
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.576	4.91 ng/ul	507725	Chrysene-d12	22.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
3	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





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Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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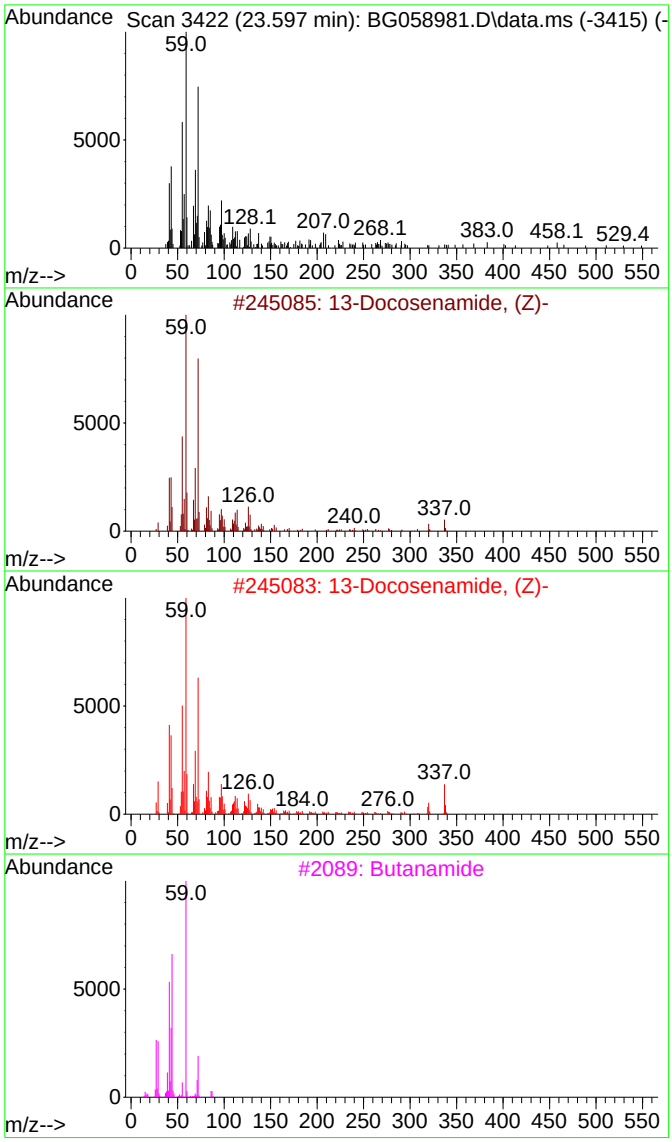
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

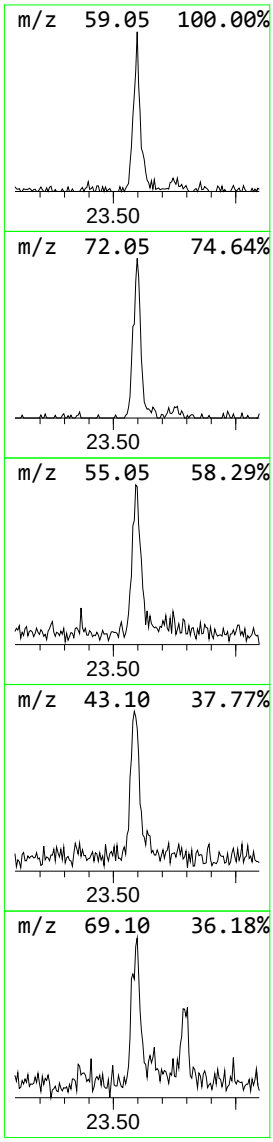
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.597	2.52 ng/ul	260878	Chrysene-d12	22.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
3	Butanamide	87	C4H9NO	000541-35-5	38
4	3-Tridecanol	200	C13H28O	010289-68-6	38
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058981.D
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Operator : MA/JU
Sample : 04195-13
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.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
n-Hexadecanoic ...	18.520	10.4	ng/ul	1036610	4	17.698	1984050	20.0
Pentadecanoic acid	19.778	7.2	ng/ul	716442	4	17.698	1984050	20.0
Dichloroacetic ...	21.576	4.9	ng/ul	507725	5	22.022	2068620	20.0
13-Docosenamide...	23.597	2.5	ng/ul	260878	5	22.022	2068620	20.0