LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049236.D
Acq On : 9 Jul 2021 13:53
Operator : CG/JU
Sample : M2878-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGDZ4

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: BG049236.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	8	14	22	rBV	111552	213277	17.49%	3.442%
2	3.197	22	27	40	rVB	68761	118885	9.75%	1.919%
3	3.473	70	74	75	rBV3	2871	3168	0.26%	0.051%
4	3.908	145	148	152	rBV3	9320	14347	1.18%	0.232%
5	4.055	171	173	176	rBV2	2359	2416	0.20%	0.039%
6	4.225	199	202	206	rVB5	4037	5283	0.43%	0.085%
7	4.695	280	282	288	rVB4	1454	2052	0.17%	0.033%
8	5.623	437	440	446	rVB2	1543	2673	0.22%	0.043%
9	5.970	498	499	504	rVB2	1601	2120	0.17%	0.034%
10	6.187	532	536	539	rVB2	1669	2020	0.17%	0.033%
11	7.227	707	713	720	rBV3	36045	63442	5.20%	1.024%
12	7.398	736	742	751	rVB	23149	42706	3.50%	0.689%
13	7.603	771	777	786	rVB2	37285	66677	5.47%	1.076%
14	7.691	788	792	793	rBV2	2185	2109	0.17%	0.034%
15	8.073	850	857	866	rBV	80377	142671	11.70%	2.303%
16	8.778	970	977	986	rBV3	45951	83013	6.81%	1.340%
17	9.243	1049	1056	1065	rBV	38553	70081	5.75%	1.131%
18	9.971	1172	1180	1188	rBV3	31895	61946	5.08%	1.000%
19	10.512	1266	1272	1282	rBV2	44563	81762	6.71%	1.320%
20	10.664	1291	1298	1309	rBV4	14417	32768	2.69%	0.529%
21	10.899	1329	1338	1345	rBV	106482	203408	16.68%	3.283%
22	11.023	1353	1359	1369	rVB2	38617	76890	6.31%	1.241%
23	12.586	1621	1625	1628	rBV2	1462	2097	0.17%	0.034%
24	12.691	1640	1643	1649	rVB2	1524	2701	0.22%	0.044%
25	14.119	1879	1886	1894	rBV	100138	152368	12.50%	2.459%
26	14.413	1928	1936	1942	rBV	104477	161168	13.22%	2.601%
27	14.719	1982	1988	1995	rBV	193272	291610	23.92%	4.707%
28	14.912	2015	2021	2031	rVV2	33455	67012	5.50%	1.082%
29	15.711	2151	2157	2165	rVB	135334	206516	16.94%	3.333%
30	15.823	2171	2176	2182	rBV2	44825	66512	5.46%	1.074%
31	16.693	2321	2324	2326	rBV2	1869	2251	0.18%	0.036%
32	16.851	2345	2351	2356	rBV4	2896	5898	0.48%	0.095%
33	17.198	2405	2410	2411	rBV2	1678	2242	0.18%	0.036%
34	17.468	2450	2456	2464	rVB	254361	389399	31.94%	6.285%
35	17.568	2464	2473	2480	rBV2	165773	249331	20.45%	4.024%
36	18.132	2563	2569	2571	rVV4	5410	7197	0.59%	0.116%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGDZ4

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

37	18.261	2585	2591	2594	rBV4	1936	2975	0.24%	0.048%
38	18.350	2602	2606	2610	rBV5	5846	9013	0.74%	0.145%
39	18.679	2659	2662	2664	rVB2	1844	2026	0.17%	0.033%
40	18.784	2674	2680	2690	rBV	40577	70147	5.75%	1.132%
41	19.219	2752	2754	2758	rBV2	2443	3179	0.26%	0.051%
42	19.295	2763	2767	2774	rVB4	3709	6527	0.54%	0.105%
43	19.501	2800	2802	2805	rVB3	3143	3591	0.29%	0.058%
44	19.583	2813	2816	2819	rBV3	1746	2463	0.20%	0.040%
45	19.748	2840	2844	2845	rVV2	2037	2408	0.20%	0.039%
46	19.766	2845	2847	2851	rVB4	1870	2259	0.19%	0.036%
47	19.854	2856	2862	2870	rBV	227174	329969	27.07%	5.326%
48	19.995	2885	2886	2891	rBV4	2195	2610	0.21%	0.042%
49	20.153	2908	2913	2916	rBV6	2341	5062	0.42%	0.082%
50	20.247	2927	2929	2932	rBV3	2230	2586	0.21%	0.042%
51	20.471	2965	2967	2969	rVV3	2862	2141	0.18%	0.035%
52	20.612	2986	2991	2994	rBV7	4298	9547	0.78%	0.154%
53	20.829	3023	3028	3036	rBV	1041334	1219126	100.00%	19.678%
54	21.193	3088	3090	3092	rBV3	4349	2472	0.20%	0.040%
55	21.393	3118	3124	3128	rBV7	15900	34011	2.79%	0.549%
56	21.640	3162	3166	3168	rBV5	4775	6101	0.50%	0.098%
57	21.757	3179	3186	3192	rVB	269080	452162	37.09%	7.298%
58	22.039	3233	3234	3238	rVB4	6149	5552	0.46%	0.090%
59	22.198	3259	3261	3264	rBV3	4302	4335	0.36%	0.070%
60	22.568	3322	3324	3327	rBV3	5536	4702	0.39%	0.076%
61	22.944	3386	3388	3391	rBV4	3835	2264	0.19%	0.037%
62	23.279	3442	3445	3448	rVB5	7735	11245	0.92%	0.182%
63	23.837	3539	3540	3544	rBV4	3731	4617	0.38%	0.075%
64	23.961	3557	3561	3565	rVB7	11868	20325	1.67%	0.328%
65	24.108	3581	3586	3592	rVB7	16695	34115	2.80%	0.551%
66	24.437	3640	3642	3643	rBV2	3490	2097	0.17%	0.034%
67	24.695	3684	3686	3687	rBV2	3330	1931	0.16%	0.031%
68	24.824	3698	3708	3717	rVB	108288	301065	24.70%	4.859%
69	25.053	3737	3747	3762	rVB2	157098	513453	42.12%	8.288%
70	25.500	3822	3823	3824	rBV	5821	3733	0.31%	0.060%
71	25.811	3874	3876	3877	rBV2	3960	3082	0.25%	0.050%
72	25.864	3883	3885	3889	rVB5	4709	3459	0.28%	0.056%
73	26.258	3945	3952	3960	rVB7	23273	61927	5.08%	1.000%
74	26.358	3967	3969	3970	rBV2	4061	2245	0.18%	0.036%
75	26.558	4001	4003	4006	rBV4	3360	5173	0.42%	0.083%
76	26.728	4030	4032	4034	rVB3	4077	2753	0.23%	0.044%

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Sample : M2878-04
Misc :
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Instrument : BNA_G
ClientSampleId : BGDZ4

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
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Title : SVOA CALIBRATION

77	26.904	4060	4062	4067	rBV6	3680	4190	0.34%	0.068%
78	27.169	4105	4107	4109	rVB3	4546	2723	0.22%	0.044%
79	27.222	4114	4116	4117	rBV	3466	2008	0.16%	0.032%
80	27.345	4135	4137	4138	rBV2	3598	2354	0.19%	0.038%
81	27.650	4181	4189	4199	rVV8	18810	69215	5.68%	1.117%
82	27.979	4243	4245	4247	rBV3	2884	2433	0.20%	0.039%
83	28.138	4270	4272	4274	rBV3	4628	3619	0.30%	0.058%
84	28.561	4343	4344	4347	rBV3	4084	2479	0.20%	0.040%
85	28.843	4390	4392	4394	rBV3	3728	3262	0.27%	0.053%
86	29.025	4422	4423	4425	rBV	2865	2164	0.18%	0.035%
87	29.272	4463	4465	4466	rBV2	4083	1935	0.16%	0.031%
88	29.801	4554	4555	4557	rBV2	3610	3014	0.25%	0.049%
89	29.854	4563	4564	4565	rBV	5302	2424	0.20%	0.039%
90	30.512	4674	4676	4677	rVB2	4333	2295	0.19%	0.037%
91	30.529	4677	4679	4680	rBV2	3239	2301	0.19%	0.037%
92	30.829	4728	4730	4732	rBV3	3531	3374	0.28%	0.054%
93	30.864	4734	4736	4738	rBV2	4482	4025	0.33%	0.065%
94	31.041	4764	4766	4769	rBV4	4329	5527	0.45%	0.089%
95	31.740	4884	4885	4887	rBV2	3533	2833	0.23%	0.046%
96	31.975	4924	4925	4927	rVB2	6084	3109	0.26%	0.050%
97	32.128	4949	4951	4955	rBV5	3150	3925	0.32%	0.063%
98	32.539	5019	5021	5022	rBV2	3214	2304	0.19%	0.037%
99	32.556	5022	5024	5025	rVB2	4034	2261	0.19%	0.036%
100	32.621	5033	5035	5037	rBV3	3622	3194	0.26%	0.052%

Sum of corrected areas: 6195432

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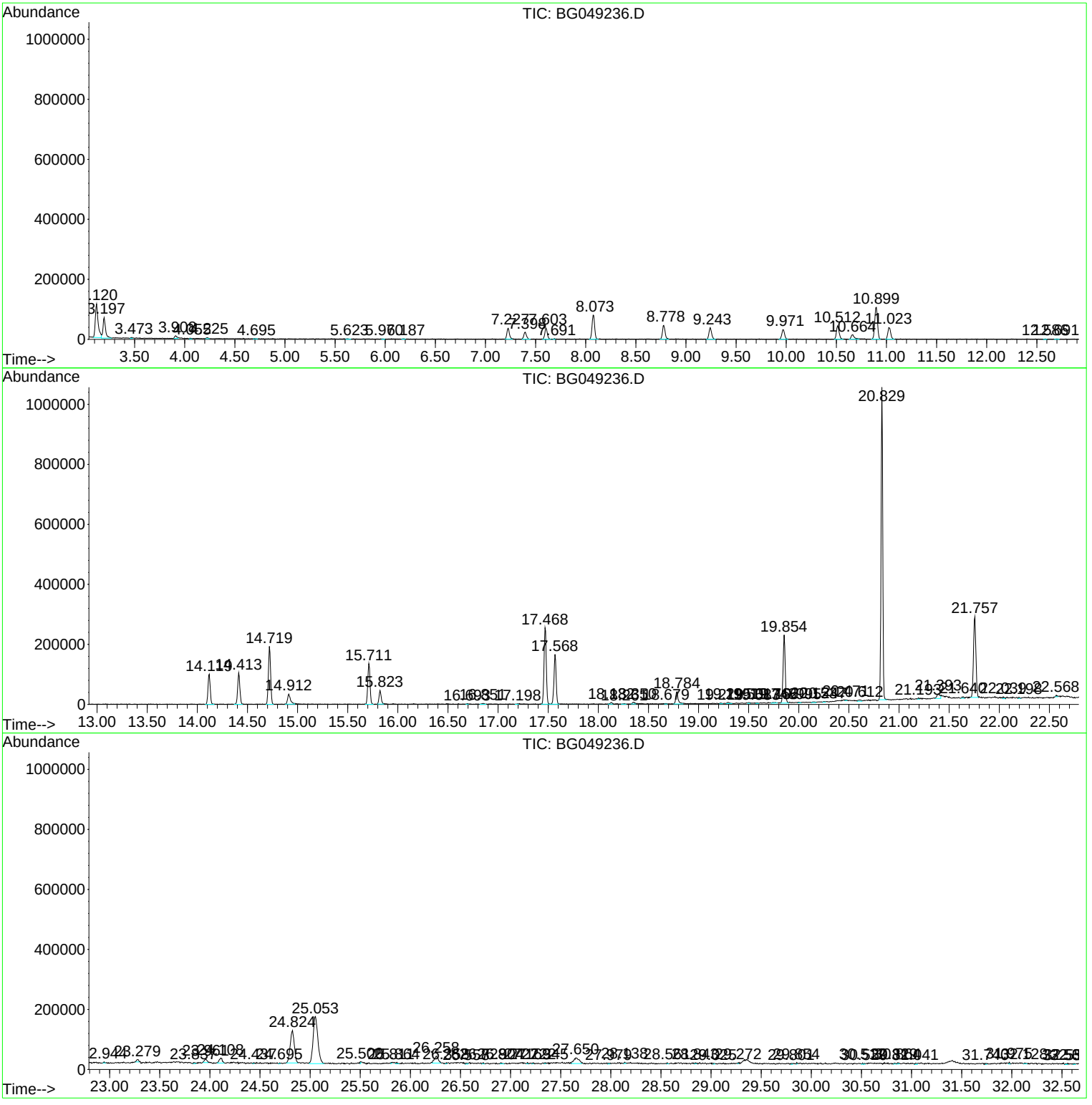
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGDZ4

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



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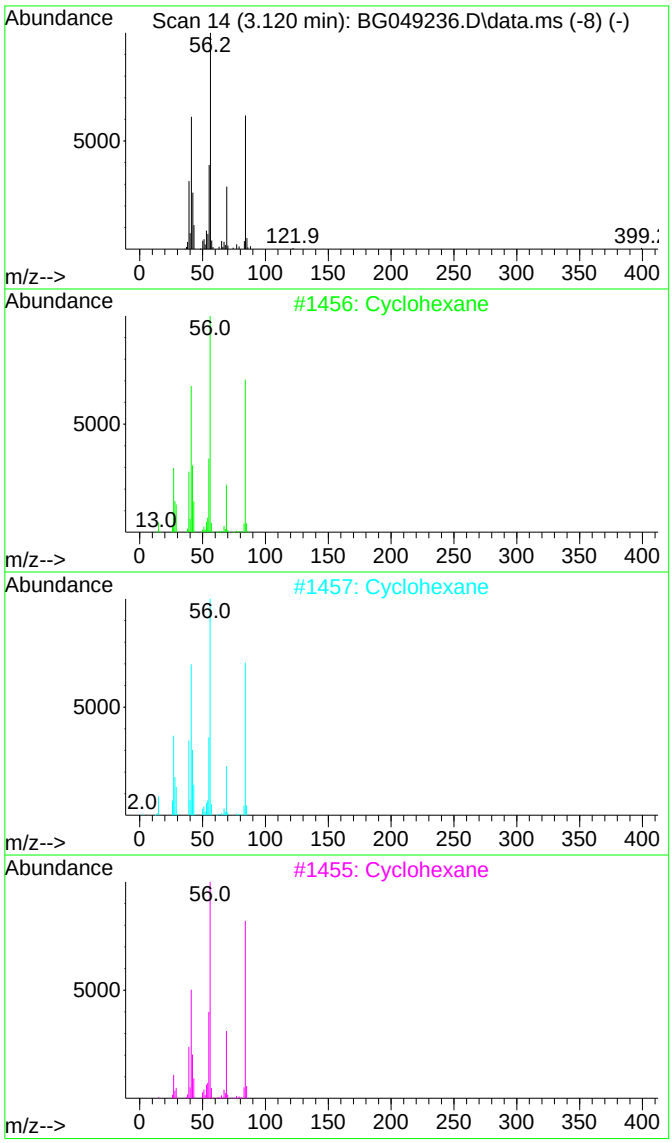
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

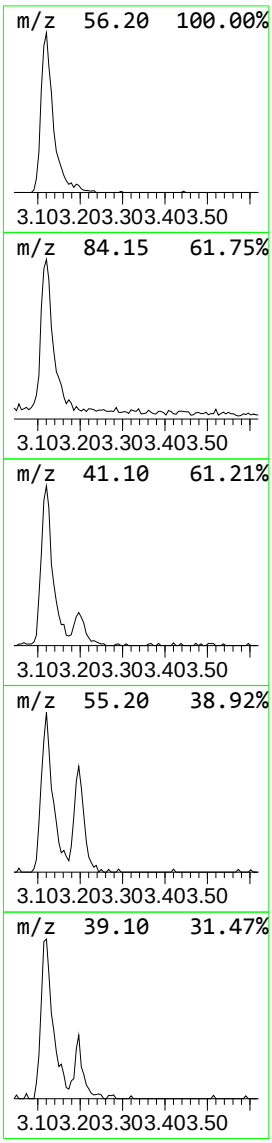
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	29.90 ng/ul	213277	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	90
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80





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Misc :
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Instrument : BNA_G
ClientSampleId : BGDZ4

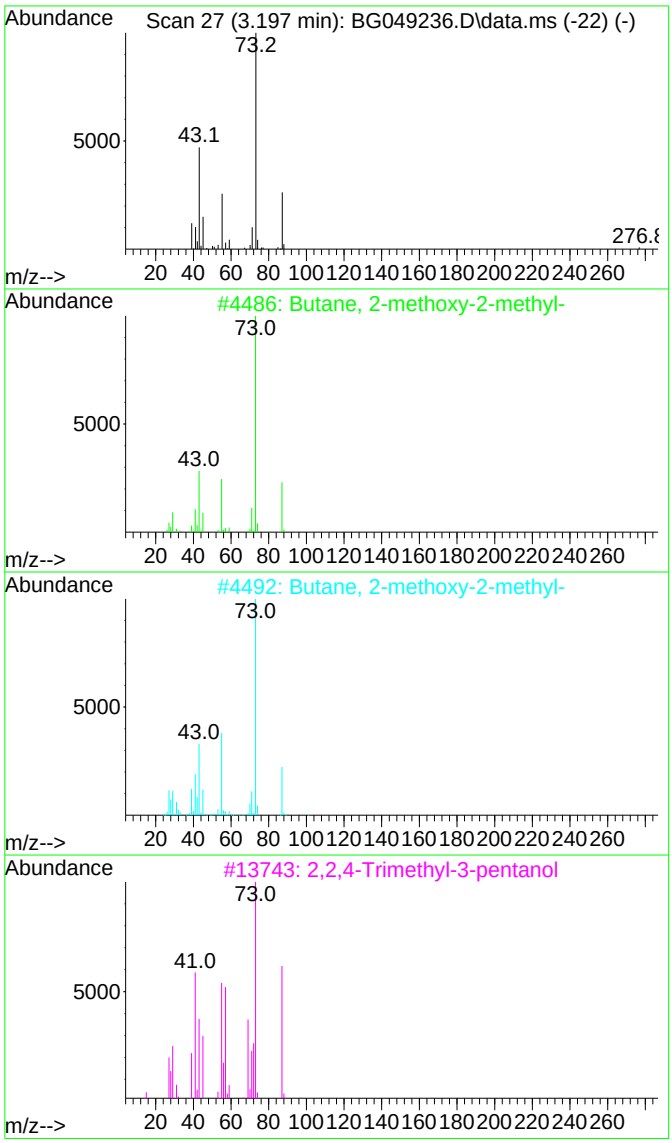
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

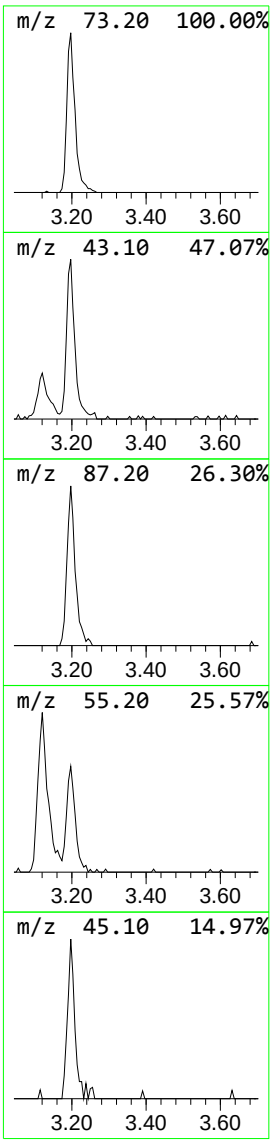
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.200	16.67 ng/ul	118885	1,4-Dichlorobenzene-d4	8.079

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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	42
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	17





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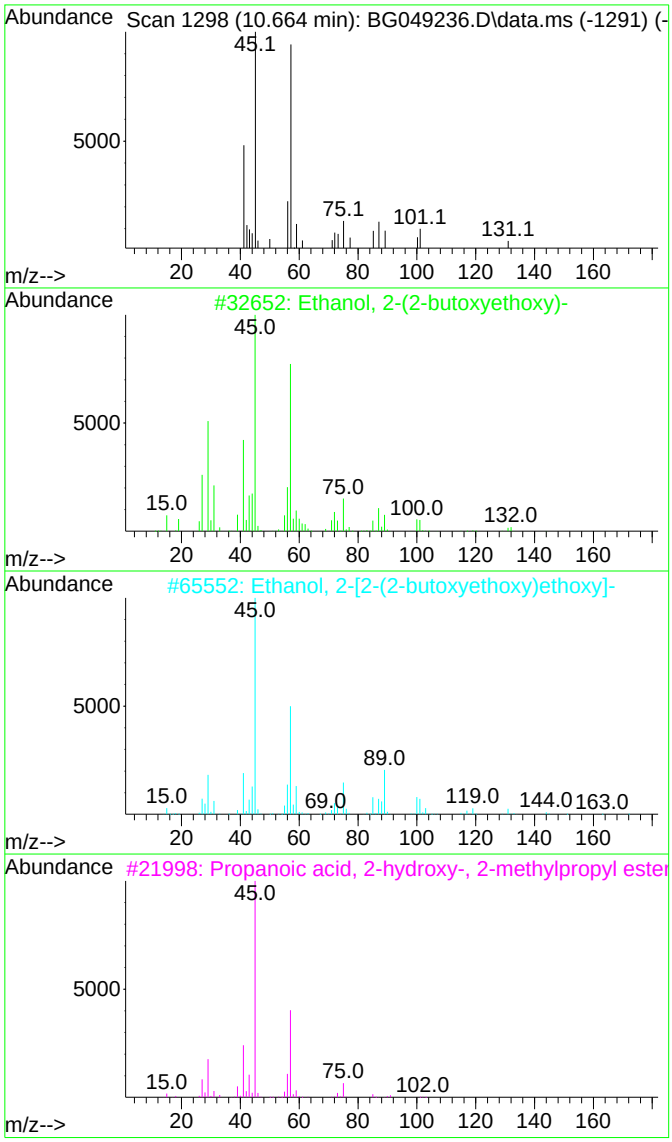
Quant Title : SVOA CALIBRATION

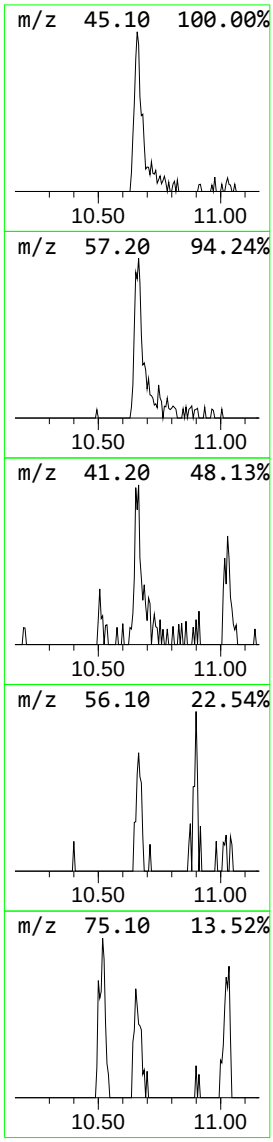
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	3.22 ng/ul	32768	Naphthalene-d8	10.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
3	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59





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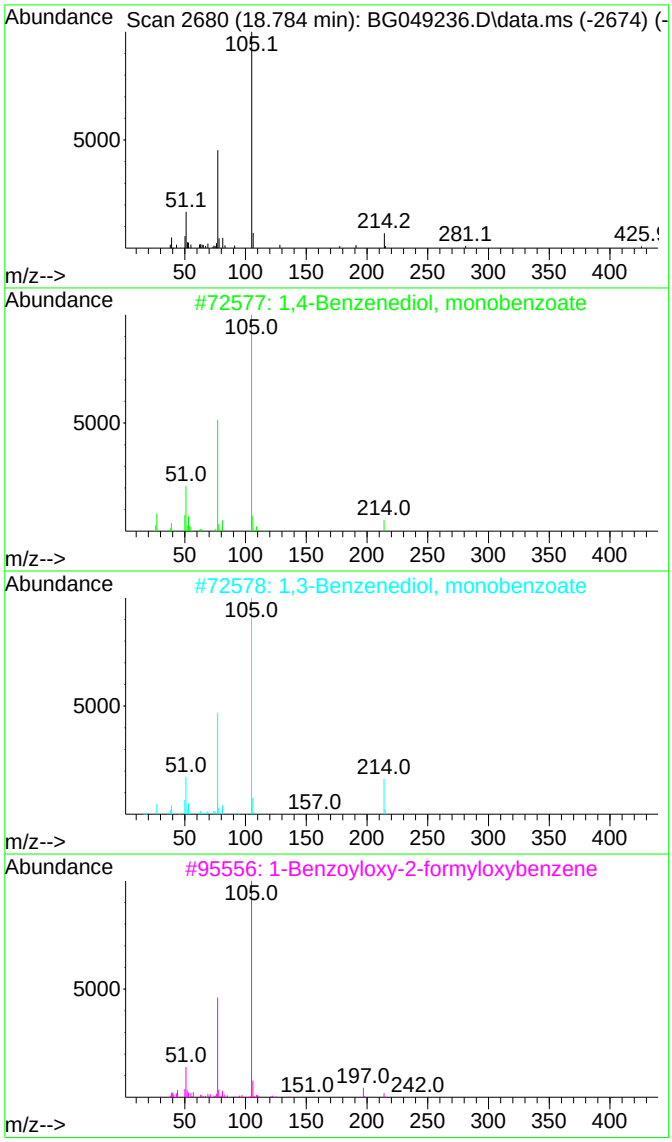
Quant Title : SVOA CALIBRATION

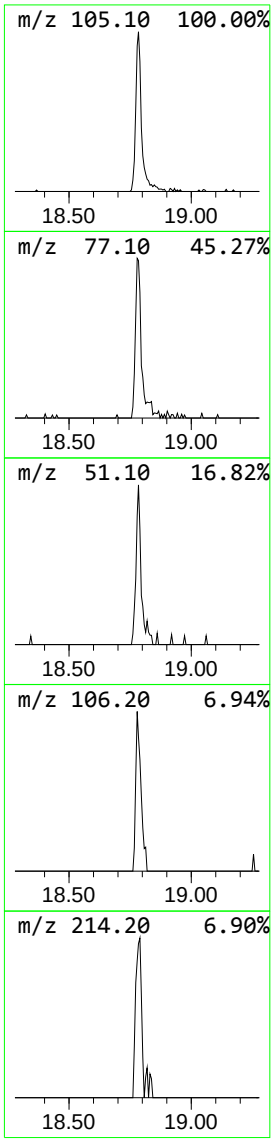
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Benzenediol, monobenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.780	3.60 ng/ul	70147	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	90
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	87
3	1-Benzoyloxy-2-formyloxybenzene	242	C14H10O4	079792-93-1	72
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	59
5	2-Bromoisobutyrophenone	226	C10H11BrO	010409-54-8	59





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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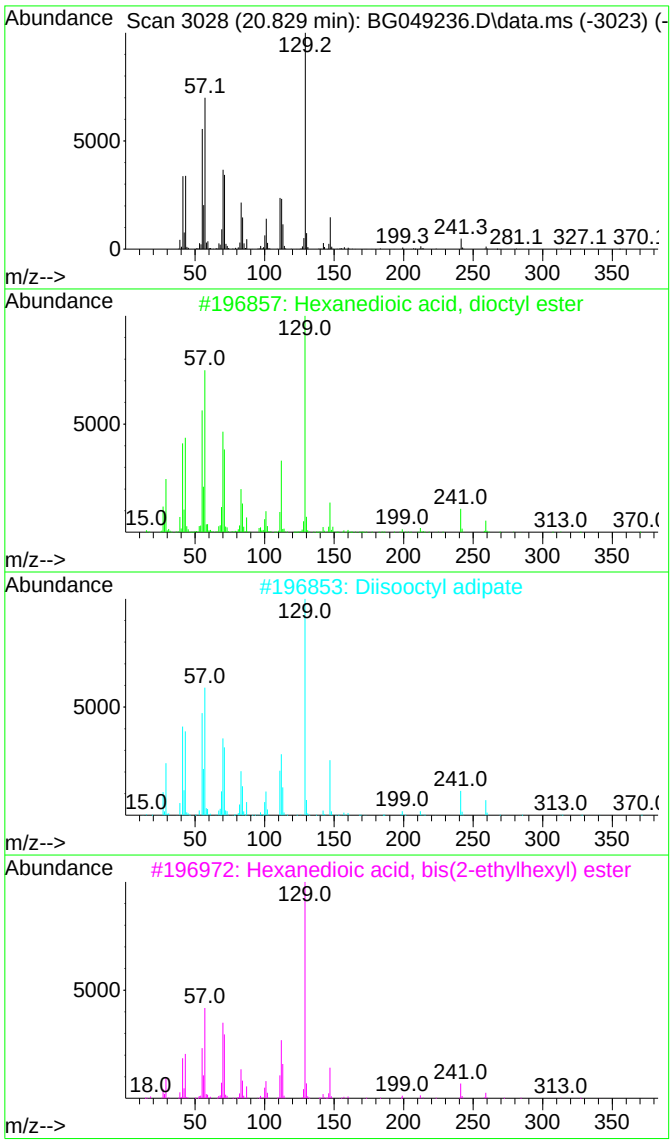
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

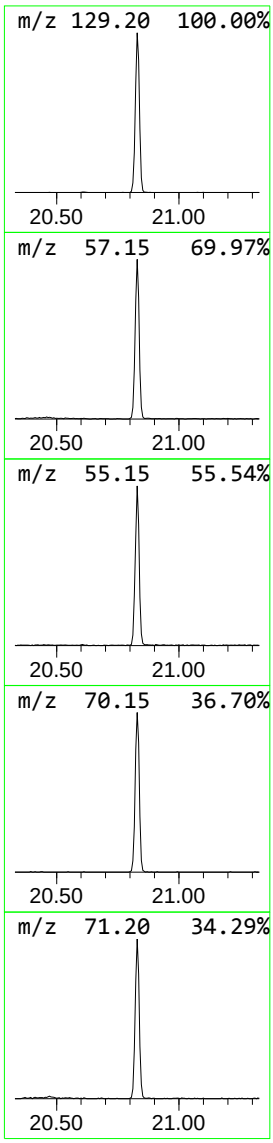
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, dioctyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.830	53.92 ng/ul	1219130	Chrysene-d12	21.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	91
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	70





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Acq On : 9 Jul 2021 13:53
Operator : CG/JU
Sample : M2878-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGDZ4

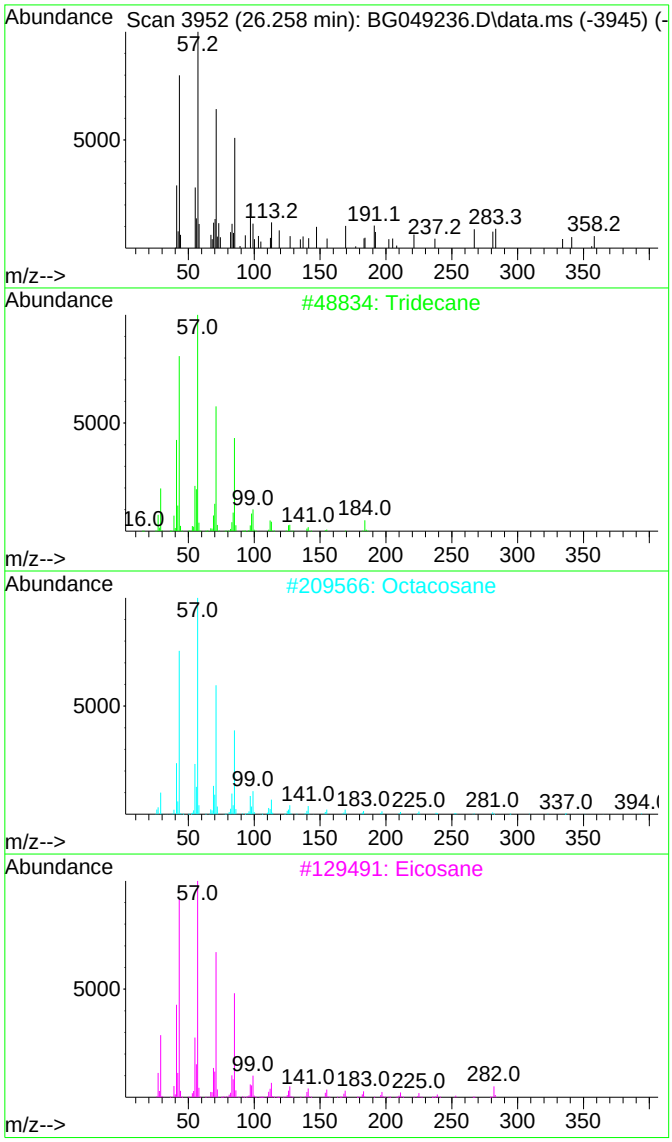
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

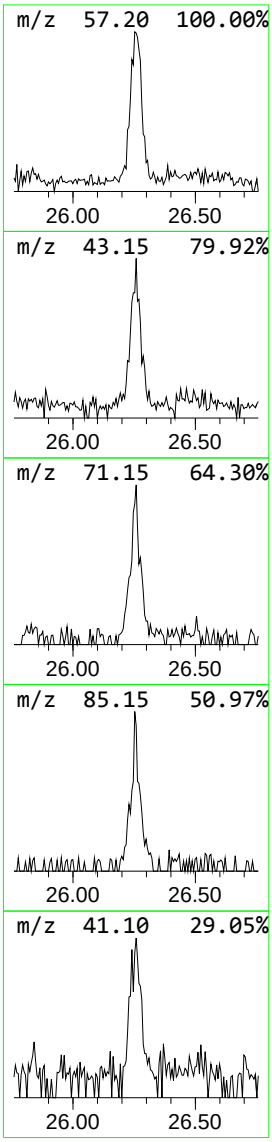
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.260	2.41 ng/ul	61927	Perylene-d12	25.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Octacosane	394	C28H58	000630-02-4	53
3	Eicosane	282	C20H42	000112-95-8	53
4	Tetracosane	338	C24H50	000646-31-1	53
5	Hexacosane	366	C26H54	000630-01-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049236.D
Acq On : 9 Jul 2021 13:53
Operator : CG/JU
Sample : M2878-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGDZ4

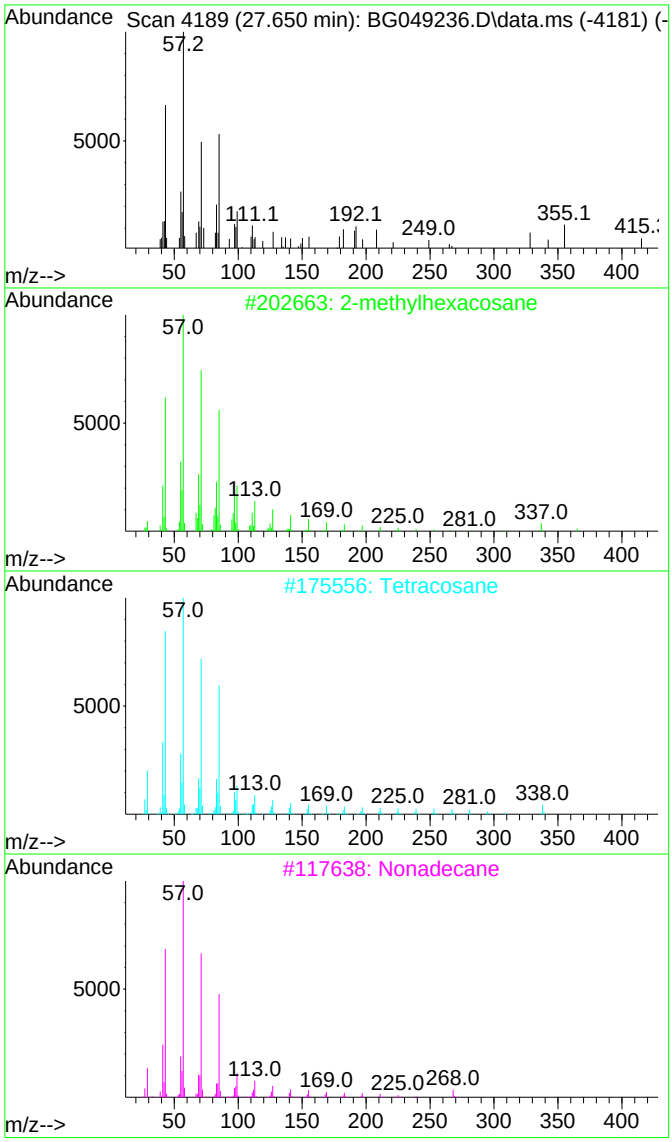
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

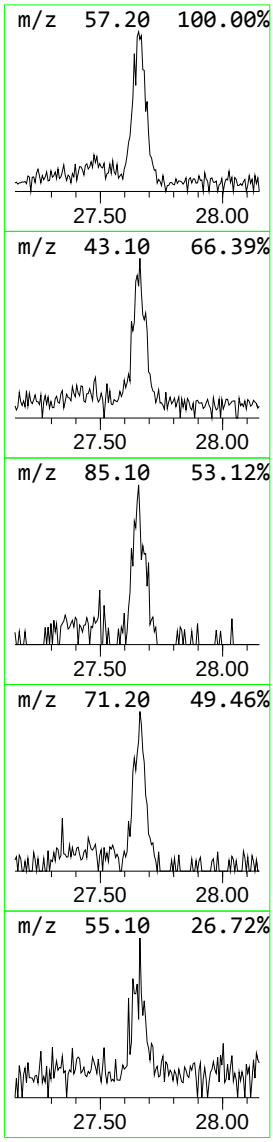
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.650	2.70 ng/ul	69215	Perylene-d12	25.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	46
2	Tetracosane	338	C24H50	000646-31-1	46
3	Nonadecane	268	C19H40	000629-92-5	46
4	Pentadecane	212	C15H32	000629-62-9	46
5	Nonadecane	268	C19H40	000629-92-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049236.D
Acq On : 9 Jul 2021 13:53
Operator : CG/JU
Sample : M2878-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGDZ4

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.120	29.9	ng/ul	213277	1	8.079	142671	20.0
Butane, 2-metho...	3.200	16.7	ng/ul	118885	1	8.079	142671	20.0
Ethanol, 2-(2-b...	10.660	3.2	ng/ul	32768	2	10.900	203408	20.0
1,4-Benzenediol...	18.780	3.6	ng/ul	70147	4	17.468	389399	20.0
Hexanedioic aci...	20.830	53.9	ng/ul	1219130	5	21.757	452162	20.0
(DEL) Alkane: S...	26.260	2.4	ng/ul	61927	6	25.054	513453	20.0
(DEL) Alkane: S...	27.650	2.7	ng/ul	69215	6	25.054	513453	20.0