LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

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-BG090924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062854.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.358	43	46	53	rVB4	9355	12806	0.88%	0.083%
2	3.775	112	117	125	rBV	20283	34537	2.37%	0.223%
3	3.881	133	135	140	rVB4	2362	3252	0.22%	0.021%
4	7.071	672	678	690	rVB	50369	92978	6.38%	0.599%
5	7.230	698	705	713	rBV	79669	129044	8.86%	0.832%
6	7.435	731	740	748	rBV	117291	199084	13.67%	1.283%
7	7.900	813	819	826	rVV	154427	250217	17.18%	1.613%
8	7.958	826	829	835	rVB3	4042	6167	0.42%	0.040%
9	8.111	849	855	860	rVB3	2918	4965	0.34%	0.032%
10	8.293	880	886	893	rVB2	36943	56313	3.87%	0.363%
11	8.605	931	939	947	rBV	139613	237029	16.27%	1.528%
12	9.051	1007	1015	1023	rBV	113351	196215	13.47%	1.265%
13	9.486	1084	1089	1094	rBV	2947	3990	0.27%	0.026%
14	9.609	1104	1110	1116	rBV3	19461	32929	2.26%	0.212%
15	9.774	1129	1138	1150	rBV	101207	182380	12.52%	1.176%
16	10.314	1223	1230	1241	rVB2	177397	309276	21.23%	1.994%
17	10.690	1284	1294	1303	rBV	210948	371092	25.48%	2.392%
18	11.219	1380	1384	1390	rVB2	6800	10992	0.75%	0.071%
19	12.277	1560	1564	1570	rVB2	2300	4020	0.28%	0.026%
20	12.717	1635	1639	1643	rBV4	4472	6583	0.45%	0.042%
21	13.358	1744	1748	1750	rBV2	3887	3715	0.26%	0.024%
22	13.934	1839	1846	1853	rBV	349962	503211	34.55%	3.244%
23	14.222	1888	1895	1903	rVV	344035	527107	36.19%	3.398%
24	14.427	1926	1930	1934	rVB3	5009	5746	0.39%	0.037%
25	14.527	1940	1947	1954	rBV	424334	642399	44.10%	4.141%
26	14.733	1976	1982	1997	rBV	65102	115609	7.94%	0.745%
27	14.938	2011	2017	2023	rBV4	4162	7219	0.50%	0.047%
28	15.520	2109	2116	2125	rBV	534401	787656	54.08%	5.077%
29	15.638	2131	2136	2144	rBV	184429	264667	18.17%	1.706%
30	15.732	2144	2152	2160	rVV2	49635	86678	5.95%	0.559%
31	15.884	2169	2178	2186	rBV	730634	1018827	69.95%	6.567%
32	16.084	2206	2212	2217	rVV5	3160	6087	0.42%	0.039%
33	16.237	2235	2238	2245	rVB4	3139	4813	0.33%	0.031%
34	16.448	2268	2274	2280	rVB	121147	166008	11.40%	1.070%
35	16.672	2308	2312	2318	rVV4	5743	8882	0.61%	0.057%
36	16.930	2352	2356	2359	rVB4	2346	3430	0.24%	0.022%

LSC Area Percent Report

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Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

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-BG090924.MA.M
Title : SVOA CALIBRATION

37	17.036	2370	2374	2376	rBV	3829	4332	0.30%	0.028%
38	17.189	2395	2400	2403	rBV3	4892	8272	0.57%	0.053%
39	17.271	2408	2414	2420	rBV	646678	953467	65.46%	6.146%
40	17.318	2420	2422	2425	rVV3	12420	11985	0.82%	0.077%
41	17.371	2425	2431	2440	rVB2	695672	1018685	69.94%	6.566%
42	17.441	2440	2443	2447	rVB3	5888	7051	0.48%	0.045%
43	17.494	2447	2452	2455	rBV3	16758	21692	1.49%	0.140%
44	17.635	2469	2476	2481	rBV2	21410	35377	2.43%	0.228%
45	17.794	2496	2503	2507	rBV5	14213	21908	1.50%	0.141%
46	17.941	2524	2528	2533	rVB3	25343	31635	2.17%	0.204%
47	18.035	2539	2544	2548	rBV4	8160	14276	0.98%	0.092%
48	18.170	2561	2567	2575	rBV	279415	399877	27.45%	2.578%
49	18.358	2596	2599	2604	rVB3	9008	13181	0.90%	0.085%
50	18.475	2612	2619	2626	rBV3	28547	56760	3.90%	0.366%
51	18.622	2640	2644	2647	rVV5	13829	22229	1.53%	0.143%
52	18.652	2647	2649	2655	rVB7	6776	9175	0.63%	0.059%
53	18.710	2655	2659	2662	rBV6	3781	3767	0.26%	0.024%
54	18.781	2669	2671	2677	rVB7	5145	5914	0.41%	0.038%
55	18.834	2677	2680	2683	rBV5	6368	7557	0.52%	0.049%
56	18.887	2683	2689	2693	rBV6	16082	23293	1.60%	0.150%
57	18.975	2700	2704	2706	rBV4	5080	8358	0.57%	0.054%
58	19.016	2706	2711	2718	rVB2	52103	98426	6.76%	0.634%
59	19.098	2721	2725	2727	rBV5	6935	8810	0.60%	0.057%
60	19.169	2734	2737	2740	rBV4	5021	5890	0.40%	0.038%
61	19.227	2743	2747	2749	rBV3	13743	19891	1.37%	0.128%
62	19.298	2756	2759	2761	rBV2	17002	23001	1.58%	0.148%
63	19.439	2780	2783	2792	rBV4	33809	55708	3.82%	0.359%
64	19.592	2807	2809	2813	rVB4	9842	6954	0.48%	0.045%
65	19.662	2815	2821	2826	rBV	988672	1379544	94.71%	8.892%
66	19.703	2826	2828	2834	rVB3	23427	32935	2.26%	0.212%
67	20.015	2879	2881	2883	rBV3	3373	2997	0.21%	0.019%
68	20.173	2904	2908	2911	rBV5	13443	22476	1.54%	0.145%
69	20.203	2911	2913	2920	rVB7	12760	20134	1.38%	0.130%
70	20.350	2934	2938	2942	rVB6	19450	25269	1.73%	0.163%
71	20.561	2971	2974	2976	rBV5	8902	7911	0.54%	0.051%
72	20.638	2984	2987	2990	rVB5	6301	6422	0.44%	0.041%
73	20.685	2992	2995	2999	rBV5	9298	14564	1.00%	0.094%
74	20.732	3000	3003	3007	rVB5	11096	12535	0.86%	0.081%
75	20.808	3013	3016	3020	rVB4	6911	8932	0.61%	0.058%
76	20.843	3020	3022	3029	rBV7	4915	8415	0.58%	0.054%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

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-BG090924.MA.M
Title : SVOA CALIBRATION

77	21.184	3075	3080	3090	rBV	204345	335734	23.05%	2.164%
78	21.519	3130	3137	3145	rBV	789154	1210640	83.11%	7.804%
79	21.713	3166	3170	3176	rBV9	10220	22011	1.51%	0.142%
80	21.913	3201	3204	3210	rVB8	9770	15277	1.05%	0.098%
81	22.095	3233	3235	3236	rBV2	4832	3540	0.24%	0.023%
82	22.306	3266	3271	3283	rVB9	23344	65792	4.52%	0.424%
83	22.647	3325	3329	3333	rBV6	7885	10814	0.74%	0.070%
84	22.770	3348	3350	3351	rBV2	4817	3662	0.25%	0.024%
85	23.129	3408	3411	3419	rVB3	24119	37506	2.57%	0.242%
86	23.710	3505	3510	3514	rVV3	20136	37274	2.56%	0.240%
87	23.875	3537	3538	3541	rBV2	6441	8507	0.58%	0.055%
88	24.292	3604	3609	3611	rBV6	9774	15037	1.03%	0.097%
89	24.374	3613	3623	3632	rVV	559172	1456591	100.00%	9.389%
90	24.586	3648	3659	3669	rBV	491613	1319277	90.57%	8.504%
91	25.667	3833	3843	3852	rBV5	25253	74378	5.11%	0.479%
92	25.773	3856	3861	3868	rBV9	17507	48805	3.35%	0.315%
93	26.648	4002	4010	4020	rBV9	22772	77661	5.33%	0.501%
94	26.913	4051	4055	4056	rBV4	7565	8756	0.60%	0.056%
95	28.041	4246	4247	4250	rBV3	4597	3826	0.26%	0.025%
96	28.387	4305	4306	4308	rBV2	4679	4250	0.29%	0.027%
97	28.411	4308	4310	4311	rVV2	4292	3015	0.21%	0.019%
98	29.510	4495	4497	4498	rBV2	5857	5074	0.35%	0.033%
99	30.262	4623	4625	4626	rBV2	6658	4689	0.32%	0.030%
100	30.550	4672	4674	4678	rVB5	5217	6257	0.43%	0.040%

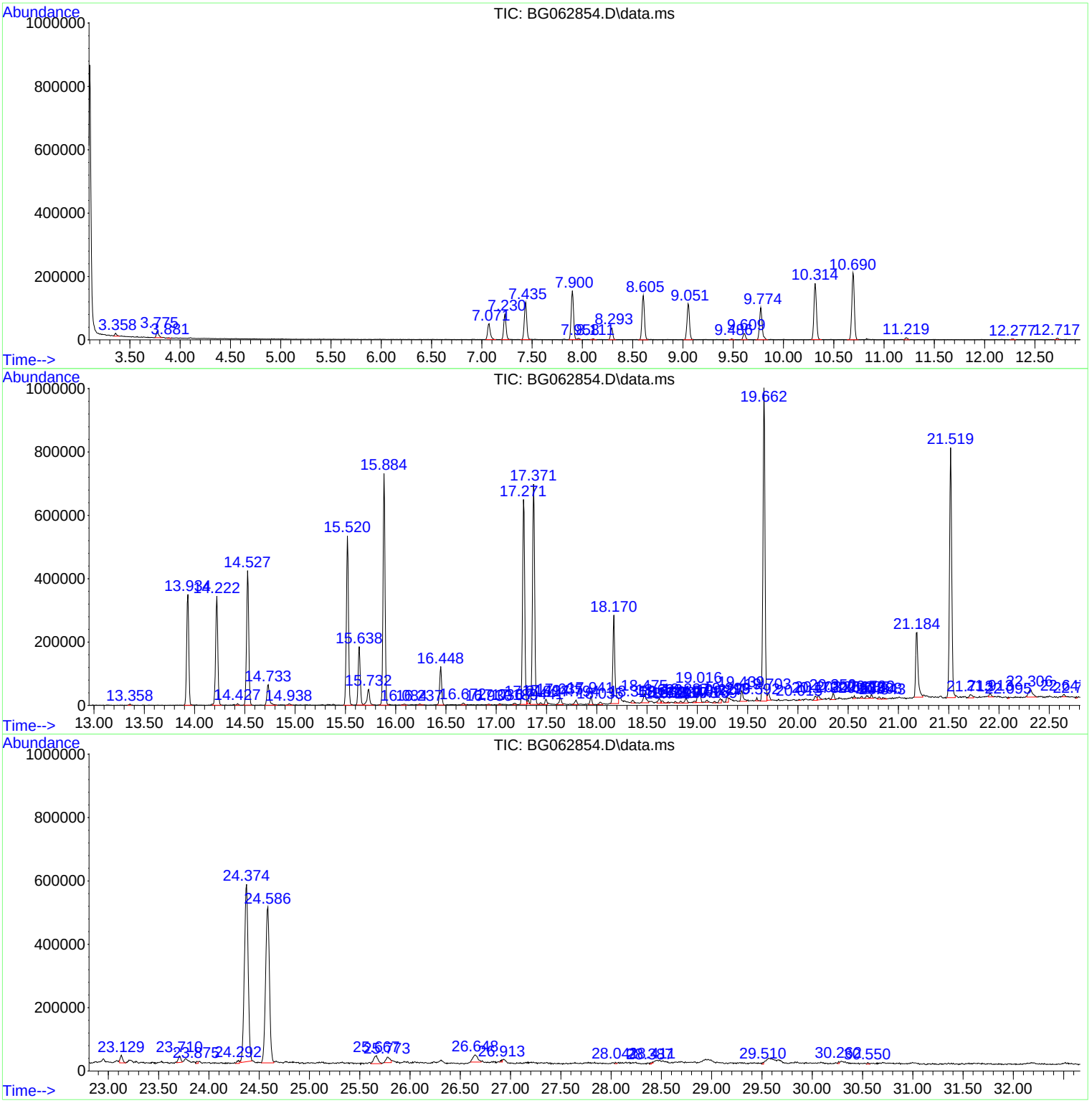
Sum of corrected areas: 15513901

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.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\BG091324\
Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

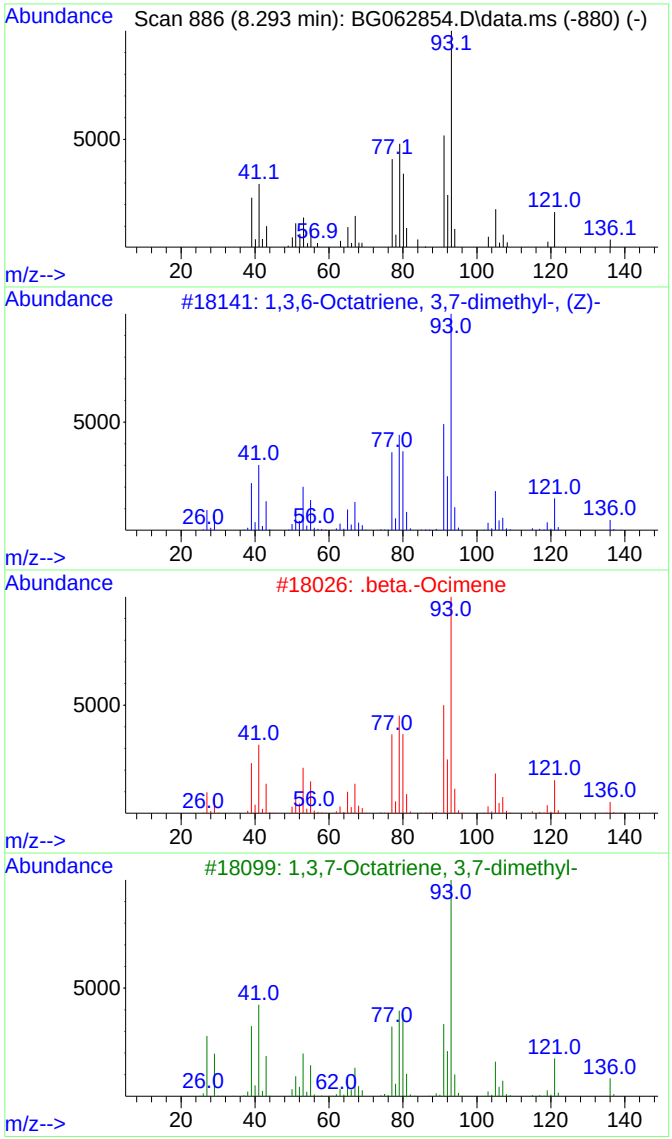
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

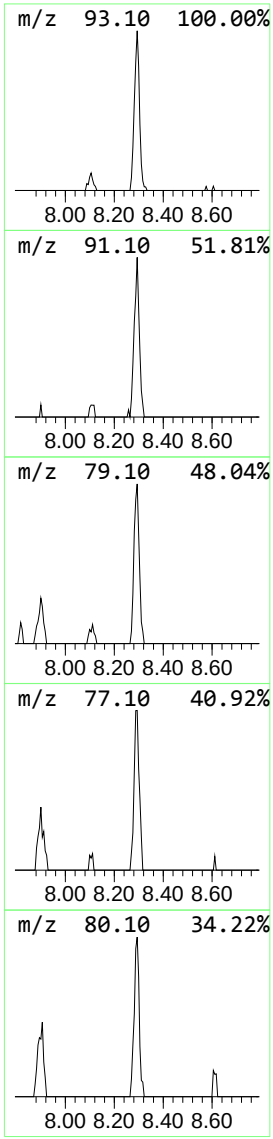
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3,6-Octatriene, 3,7-dimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.293	4.50 ng/ul	56313	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	94
2	.beta.-Ocimene	136	C10H16	013877-91-3	94
3	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	86
4	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	83
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

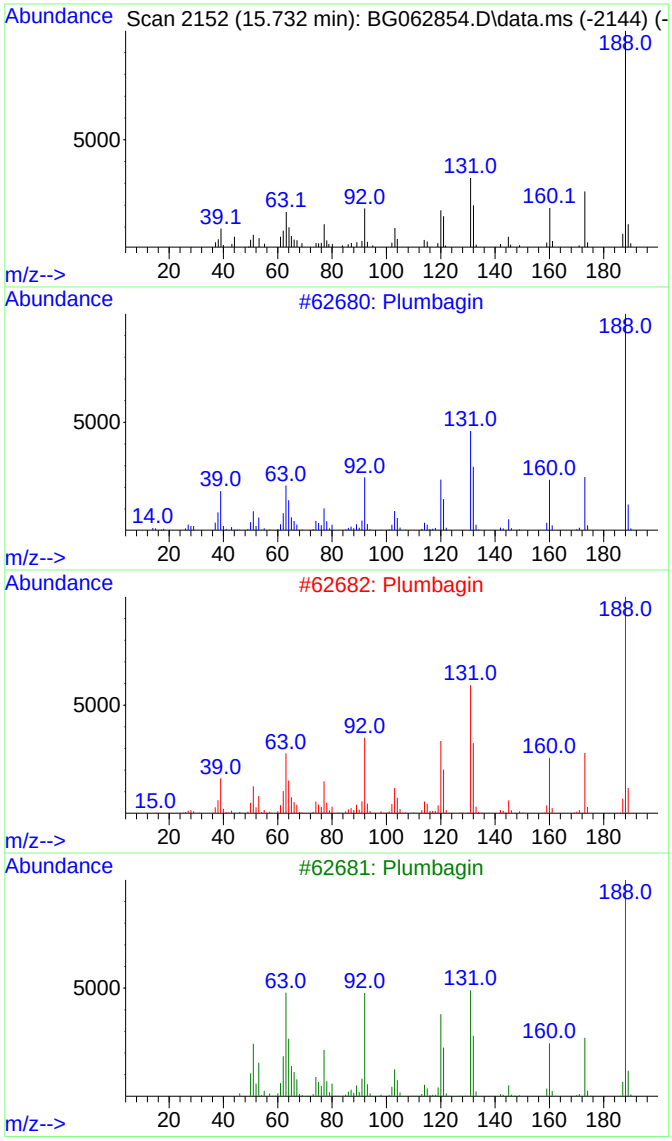
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

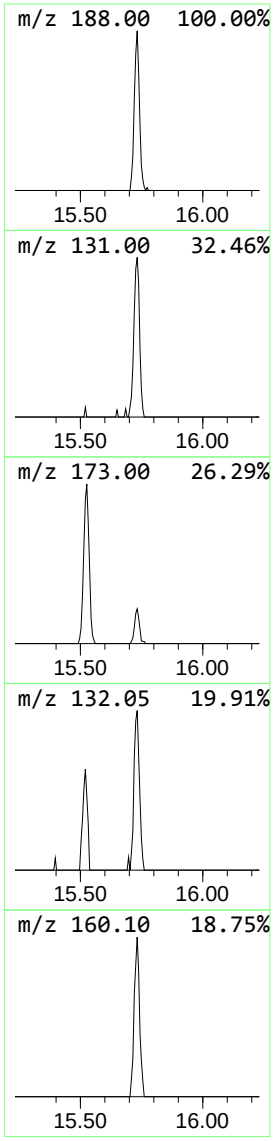
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Plumbagin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.732	2.70 ng/ul	86678	Acenaphthene-d10	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Plumbagin	188	C11H8O3	000481-42-5	98
2	Plumbagin	188	C11H8O3	000481-42-5	98
3	Plumbagin	188	C11H8O3	000481-42-5	97
4	Plumbagin, O-acetyl-	230	C13H10O4	1000454-49-6	78
5	1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062854.D
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Operator : JU/RC
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

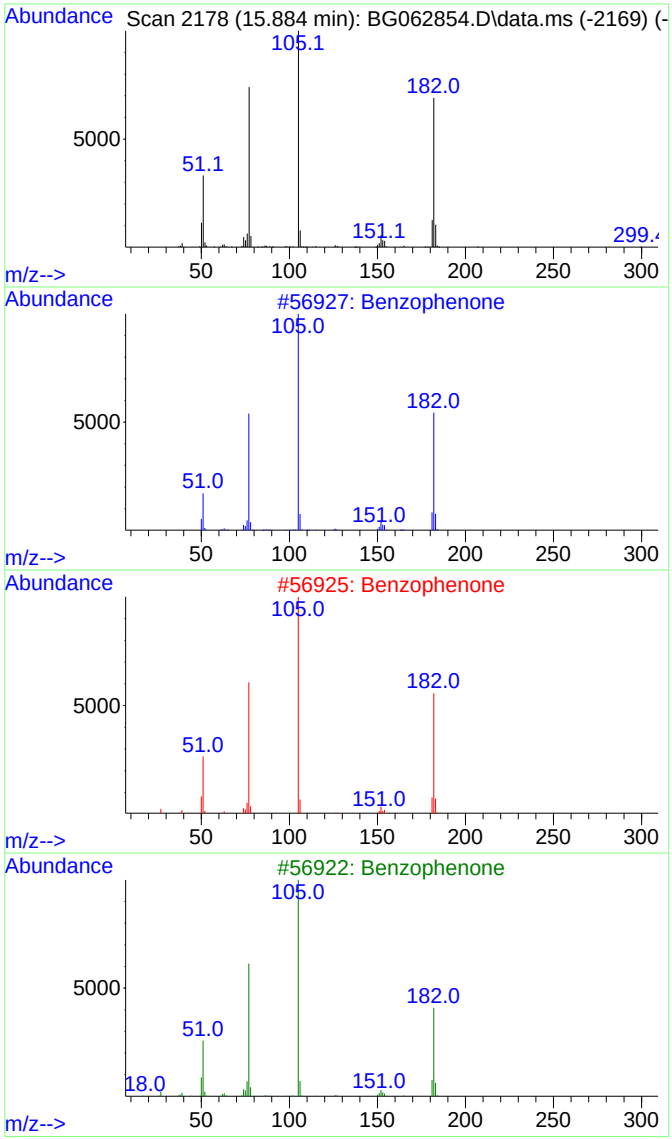
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

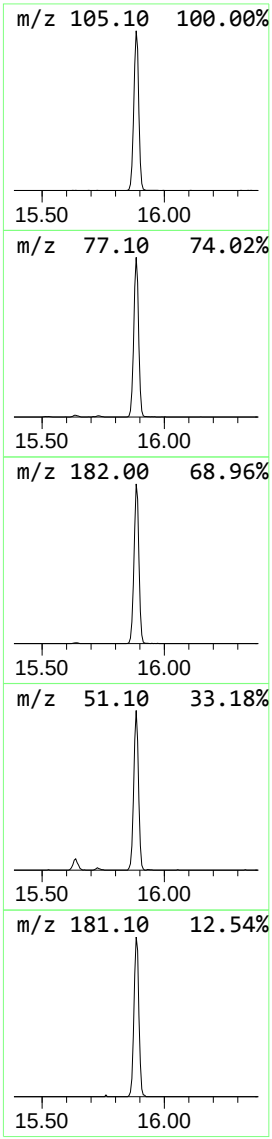
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.884	31.72 ng/ul	1018830	Acenaphthene-d10	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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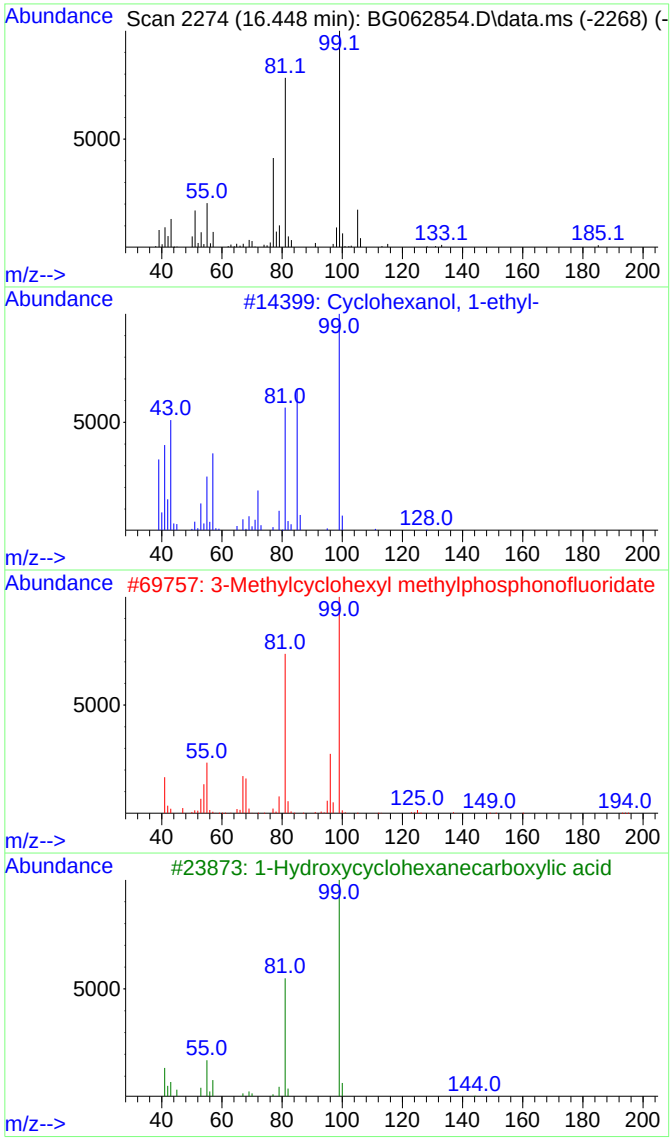
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

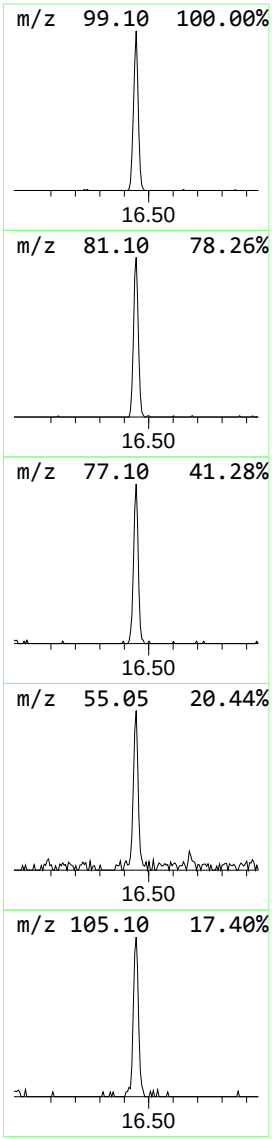
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexanol, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.448	3.48 ng/ul	166008	Phenanthrene-d10	17.271

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	53
2	3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	50
3	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	42
4	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	35
5	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

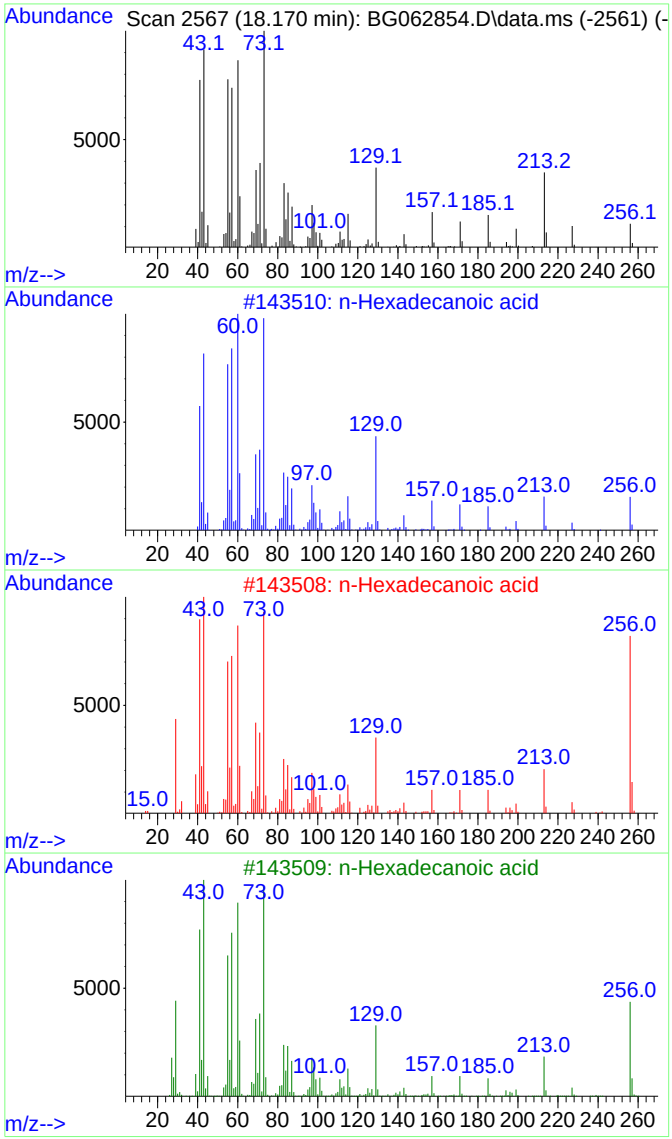
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

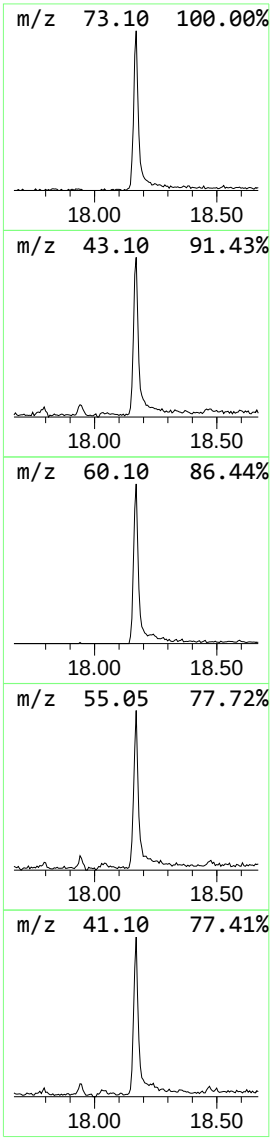
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.170	8.39 ng/ul	399877	Phenanthrene-d10	17.271

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

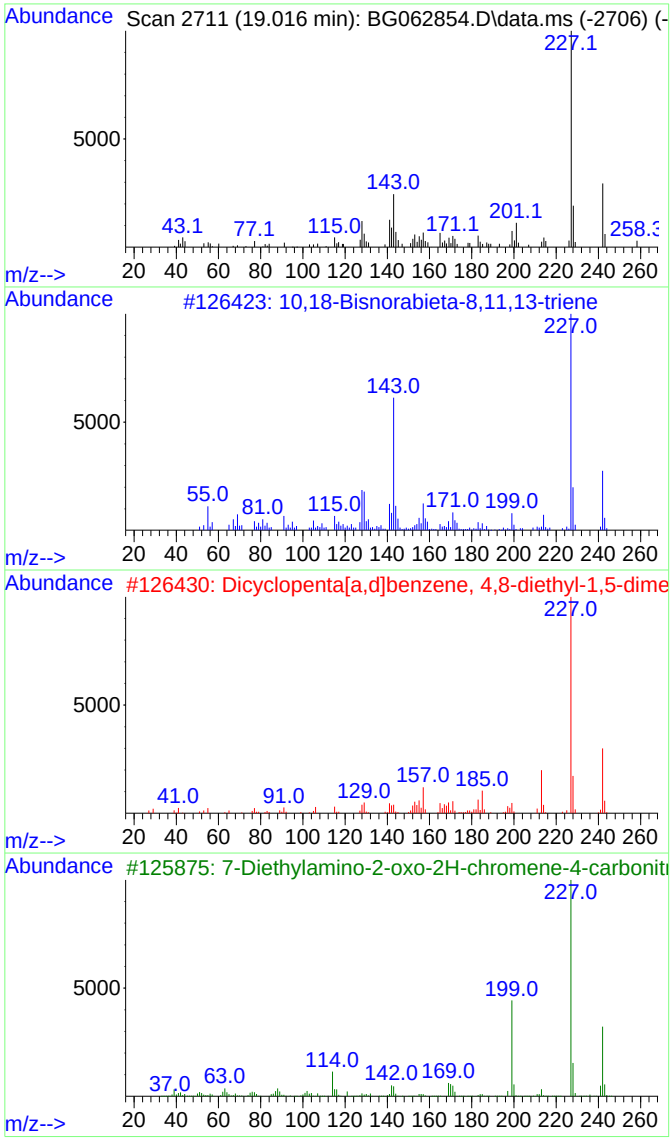
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

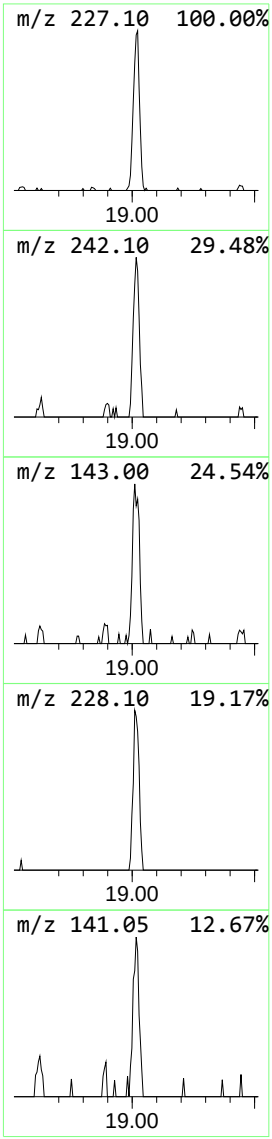
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 10,18-Bisnorabieta-8,11,13-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	2.06 ng/ul	98426	Phenanthrene-d10	17.271

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	93
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	64
3	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	64
4	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	62
5	Lapachol	242	C15H14O3	000084-79-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

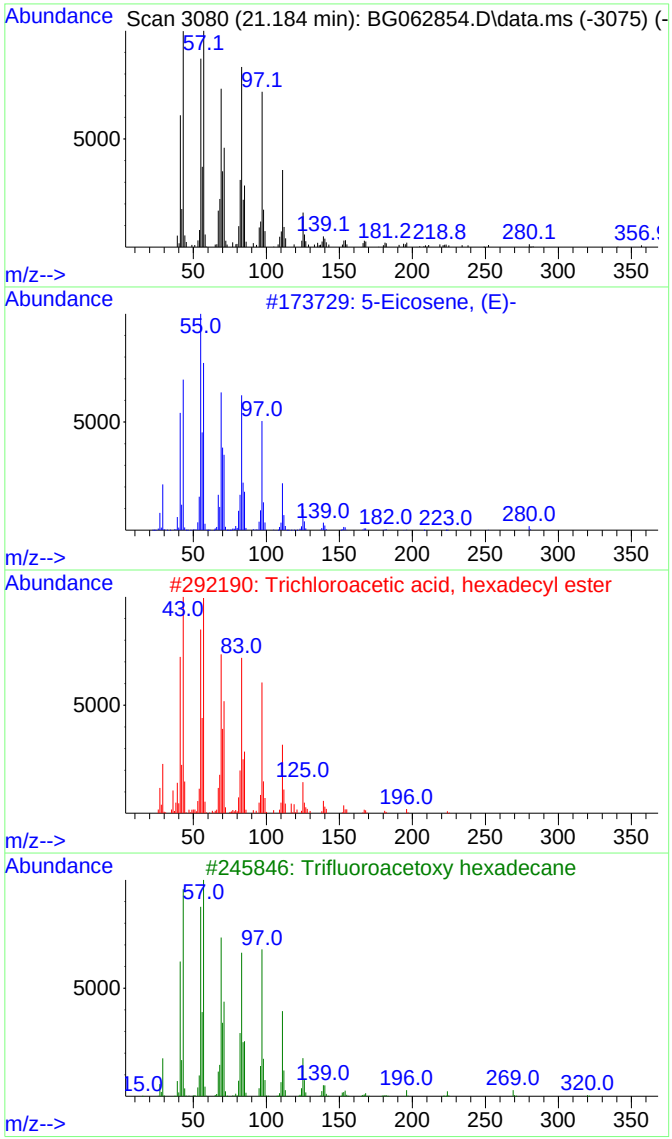
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

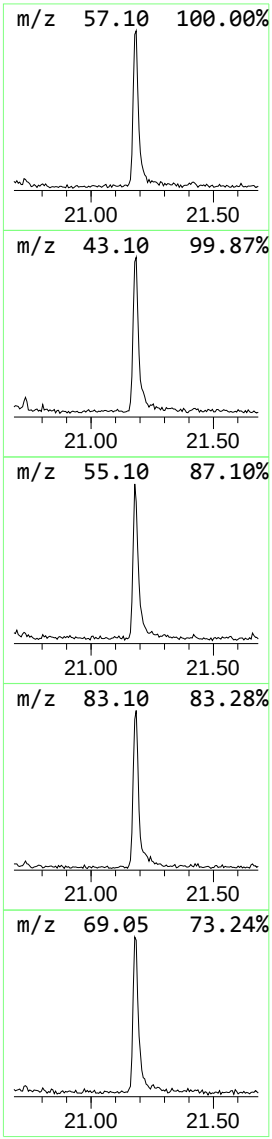
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.184	5.55 ng/ul	335734	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062854.D
Acq On : 15 Sep 2024 20:11
Operator : JU/RC
Sample : P3997-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.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
1,3,6-Octatrien...	8.293	4.5	ng/ul	56313	1	7.900	250217	20.0
Plumbagin	15.732	2.7	ng/ul	86678	3	14.527	642399	20.0
Benzophenone	15.884	31.7	ng/ul	1018830	3	14.527	642399	20.0
Cyclohexanol, 1...	16.448	3.5	ng/ul	166008	4	17.271	953467	20.0
n-Hexadecanoic ...	18.170	8.4	ng/ul	399877	4	17.271	953467	20.0
10,18-Bisnorabi...	19.016	2.1	ng/ul	98426	4	17.271	953467	20.0
(DEL) Alkane: S...	21.184	5.5	ng/ul	335734	5	21.519	1210640	20.0