LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE5

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-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.080	3	7	16	rVV2	29102	58308	10.67%	0.891%
2	3.162	17	21	30	rVB2	27834	48815	8.93%	0.746%
3	3.438	64	68	70	rBV3	4171	5496	1.01%	0.084%
4	3.855	137	139	155	rVV	41037	80047	14.65%	1.224%
5	4.472	242	244	249	rVB	1446	2052	0.38%	0.031%
6	5.935	492	493	498	rVB	1459	1700	0.31%	0.026%
7	7.198	701	708	719	rBV	77164	141309	25.86%	2.161%
8	7.368	730	737	747	rVB	49205	85529	15.65%	1.308%
9	7.574	766	772	779	rBV	69834	127162	23.27%	1.944%
10	8.043	846	852	859	rBV	74230	129453	23.69%	1.979%
11	8.748	964	972	981	rBV	98702	174957	32.02%	2.675%
12	8.972	1006	1010	1014	rVB	1072	1691	0.31%	0.026%
13	9.212	1044	1051	1059	rBV	74691	138814	25.41%	2.122%
14	9.941	1168	1175	1183	rVV	71930	126152	23.09%	1.929%
15	10.481	1261	1267	1276	rVB2	98951	180905	33.11%	2.766%
16	10.634	1288	1293	1300	rBV3	9476	16607	3.04%	0.254%
17	10.869	1325	1333	1342	rVB	98380	180174	32.98%	2.755%
18	10.998	1348	1355	1365	rBV	90815	168762	30.89%	2.580%
19	12.455	1598	1603	1608	rVB3	1717	3452	0.63%	0.053%
20	13.289	1743	1745	1750	rBV2	948	1625	0.30%	0.025%
21	14.094	1874	1882	1889	rBV	211529	309677	56.68%	4.735%
22	14.388	1923	1932	1939	rBV	217100	339829	62.20%	5.196%
23	14.693	1978	1984	1991	rBV2	163694	247145	45.23%	3.779%
24	14.887	2011	2017	2028	rBV2	77806	137054	25.08%	2.095%
25	15.686	2146	2153	2163	rVB	290462	425339	77.85%	6.503%
26	15.798	2166	2172	2182	rBV	83990	135527	24.80%	2.072%
27	15.927	2190	2194	2199	rVB	3683	4586	0.84%	0.070%
28	16.397	2270	2274	2278	rVB2	4583	5836	1.07%	0.089%
29	17.448	2444	2453	2460	rBV	195584	303760	55.60%	4.644%
30	17.542	2463	2469	2477	rBV	306185	469097	85.86%	7.172%
31	18.106	2562	2565	2568	rVB	2048	2710	0.50%	0.041%
32	18.330	2597	2603	2612	rBV2	33236	53648	9.82%	0.820%
33	18.741	2670	2673	2675	rBV	1638	1926	0.35%	0.029%
34	18.788	2675	2681	2685	rVB4	6801	9655	1.77%	0.148%
35	18.917	2696	2703	2708	rBV4	4017	8940	1.64%	0.137%
36	19.058	2724	2727	2732	rVB2	6787	7549	1.38%	0.115%

LSC Area Percent Report

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Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE5

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-BG072421.M
Title : SVOA CALIBRATION

37	19.258	2758	2761	2764	rBV3	7440	9172	1.68%	0.140%
38	19.299	2764	2768	2773	rVB4	15941	20313	3.72%	0.311%
39	19.399	2781	2785	2788	rBV2	4593	6966	1.27%	0.107%
40	19.469	2790	2797	2800	rVV2	4421	6942	1.27%	0.106%
41	19.499	2800	2802	2804	rBV	1701	1884	0.34%	0.029%
42	19.546	2806	2810	2815	rVV3	20877	26938	4.93%	0.412%
43	19.593	2815	2818	2825	rVV3	18267	26444	4.84%	0.404%
44	19.645	2825	2827	2830	rVV2	2146	1929	0.35%	0.029%
45	19.739	2839	2843	2846	rVB3	4859	4369	0.80%	0.067%
46	19.828	2852	2858	2864	rBV	385027	545986	99.93%	8.348%
47	20.268	2928	2933	2939	rVB	34843	49020	8.97%	0.749%
48	20.321	2940	2942	2944	rVV3	2490	1976	0.36%	0.030%
49	20.350	2944	2947	2950	rVB4	4485	4662	0.85%	0.071%
50	20.515	2973	2975	2977	rBV3	3040	2372	0.43%	0.036%
51	20.662	2998	3000	3005	rVV5	2125	3085	0.56%	0.047%
52	20.803	3019	3024	3028	rBV	64976	73709	13.49%	1.127%
53	20.844	3028	3031	3035	rVB4	5059	6421	1.18%	0.098%
54	20.903	3039	3041	3043	rBV2	3178	2501	0.46%	0.038%
55	21.361	3115	3119	3125	rBV3	25848	45011	8.24%	0.688%
56	21.725	3174	3181	3190	rBV	214775	353807	64.76%	5.409%
57	21.790	3190	3192	3194	rVB2	2201	1779	0.33%	0.027%
58	21.913	3210	3213	3216	rVB4	5085	5604	1.03%	0.086%
59	22.107	3244	3246	3250	rBV4	2196	3236	0.59%	0.049%
60	22.354	3286	3288	3290	rBV2	2451	2056	0.38%	0.031%
61	22.477	3306	3309	3312	rBV5	2567	3478	0.64%	0.053%
62	22.559	3314	3323	3335	rVV8	25104	85323	15.62%	1.305%
63	22.988	3394	3396	3397	rVB2	3307	1805	0.33%	0.028%
64	23.023	3397	3402	3404	rBV4	2854	5247	0.96%	0.080%
65	23.188	3425	3430	3434	rBV4	14446	28971	5.30%	0.443%
66	23.335	3451	3455	3456	rBV4	2289	3418	0.63%	0.052%
67	23.376	3461	3462	3464	rBV2	3079	2053	0.38%	0.031%
68	23.552	3490	3492	3494	rBV2	1834	1815	0.33%	0.028%
69	23.658	3508	3510	3514	rBV3	2302	3280	0.60%	0.050%
70	23.828	3537	3539	3541	rBV4	2107	1785	0.33%	0.027%
71	23.951	3558	3560	3561	rBV2	2676	2022	0.37%	0.031%
72	24.051	3572	3577	3584	rBV4	11363	22679	4.15%	0.347%
73	24.345	3624	3627	3631	rBV5	2688	3975	0.73%	0.061%
74	24.627	3674	3675	3677	rBV2	2599	2382	0.44%	0.036%
75	24.768	3689	3699	3711	rBV2	198875	546370	100.00%	8.354%
76	24.891	3718	3720	3721	rVB2	2823	1776	0.33%	0.027%

LSC Area Percent Report

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Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE5

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-BG072421.M
Title : SVOA CALIBRATION

77	24.915	3721	3724	3725	rBV3	2866	3688	0.68%	0.056%
78	25.003	3728	3739	3750	rVB2	124950	388458	71.10%	5.939%
79	25.114	3756	3758	3761	rBV4	2138	2035	0.37%	0.031%
80	25.349	3796	3798	3802	rBV4	2580	2647	0.48%	0.040%
81	25.455	3814	3816	3819	rVB3	3164	2178	0.40%	0.033%
82	26.007	3908	3910	3912	rVB2	2809	1659	0.30%	0.025%
83	26.125	3928	3930	3931	rBV2	2779	1868	0.34%	0.029%
84	26.184	3932	3940	3947	rVB7	12426	36598	6.70%	0.560%
85	26.307	3959	3961	3963	rBV3	3445	3397	0.62%	0.052%
86	27.135	4100	4102	4104	rVB2	2756	2450	0.45%	0.037%
87	27.282	4124	4127	4129	rBV4	2491	3347	0.61%	0.051%
88	27.511	4164	4166	4167	rBV2	2587	2547	0.47%	0.039%
89	27.546	4170	4172	4173	rBV2	5346	3895	0.71%	0.060%
90	28.980	4414	4416	4419	rBV3	2258	1996	0.37%	0.031%
91	29.914	4573	4575	4577	rBV3	2438	1774	0.32%	0.027%
92	30.331	4643	4646	4647	rBV2	3558	3120	0.57%	0.048%
93	31.147	4782	4785	4786	rBV3	2719	3132	0.57%	0.048%
94	31.189	4790	4792	4793	rBV2	2871	2153	0.39%	0.033%
95	31.676	4873	4875	4877	rBV3	2463	2257	0.41%	0.035%
96	31.711	4879	4881	4885	rVB4	2351	1995	0.37%	0.031%
97	31.923	4916	4917	4918	rBV	3010	1618	0.30%	0.025%
98	32.005	4929	4931	4936	rBV5	2863	4009	0.73%	0.061%
99	32.551	5022	5024	5029	rBV4	2008	3853	0.71%	0.059%
100	32.593	5029	5031	5034	rVB3	1995	2033	0.37%	0.031%

Sum of corrected areas: 6540556

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
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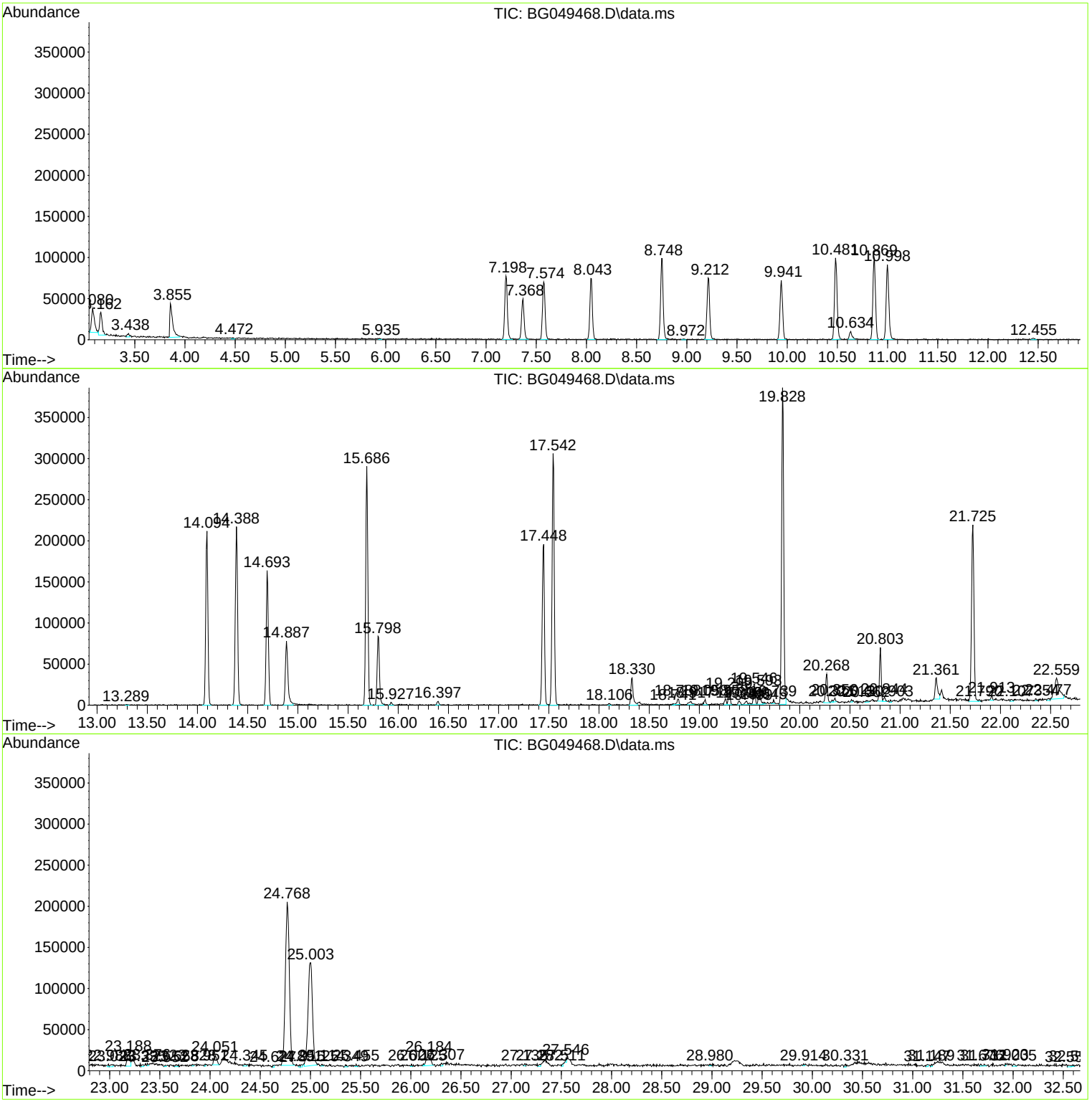
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE5

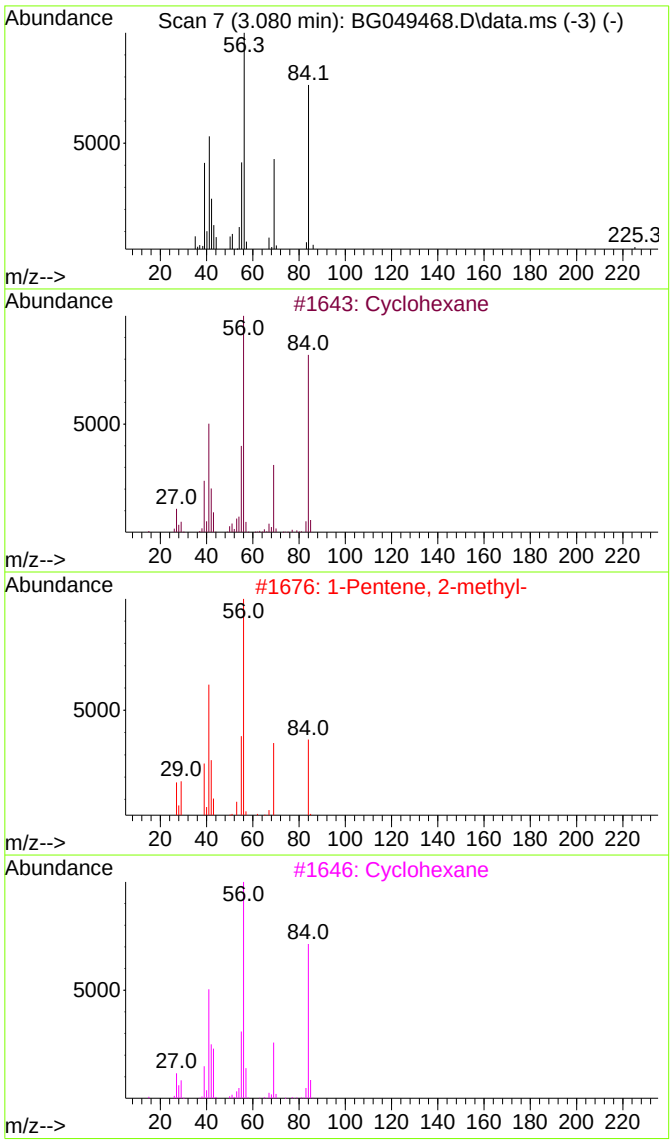
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

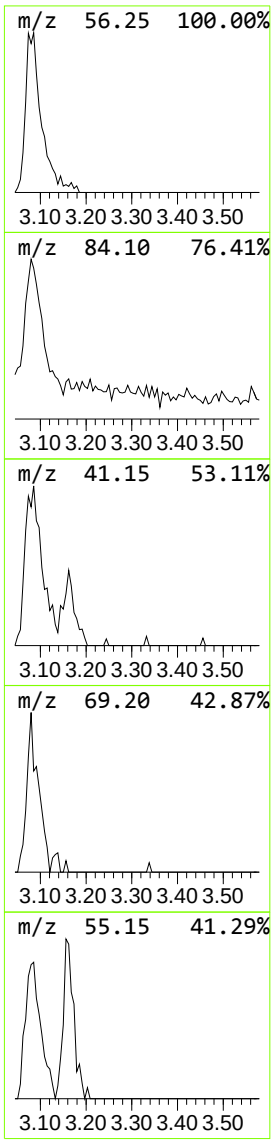
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.080 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.080	9.01 ng/ul	58308	1,4-Dichlorobenzene-d4	8.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	81
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclohexane	84	C6H12	000110-82-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE5

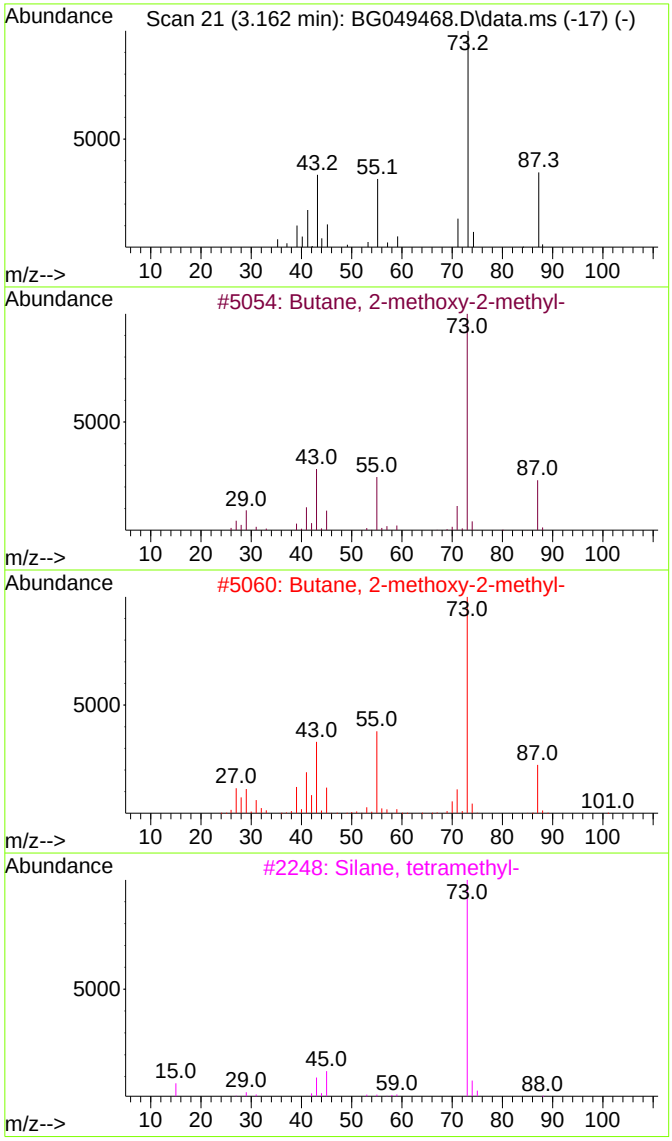
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

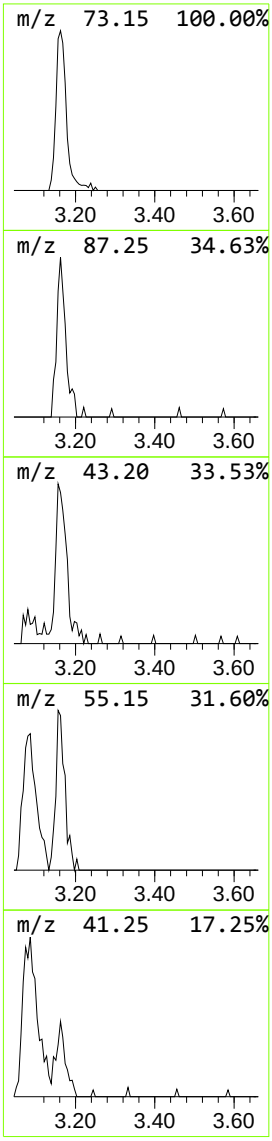
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.162	7.54 ng/ul	48815	1,4-Dichlorobenzene-d4	8.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
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Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

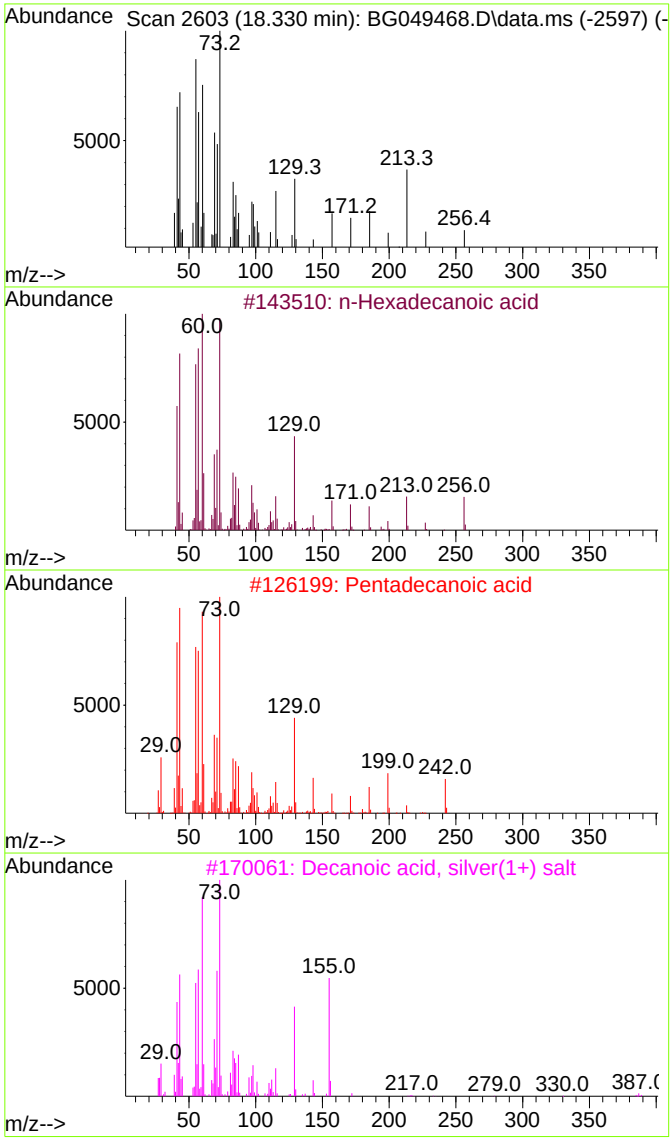
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

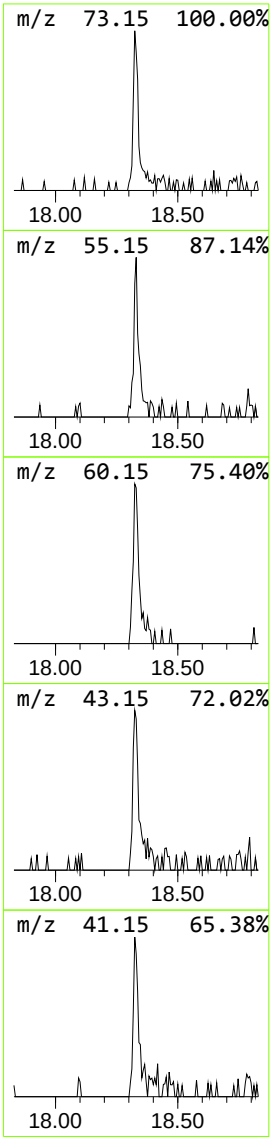
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	3.53 ng/ul	53648	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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ALS Vial : 24 Sample Multiplier: 1

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BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

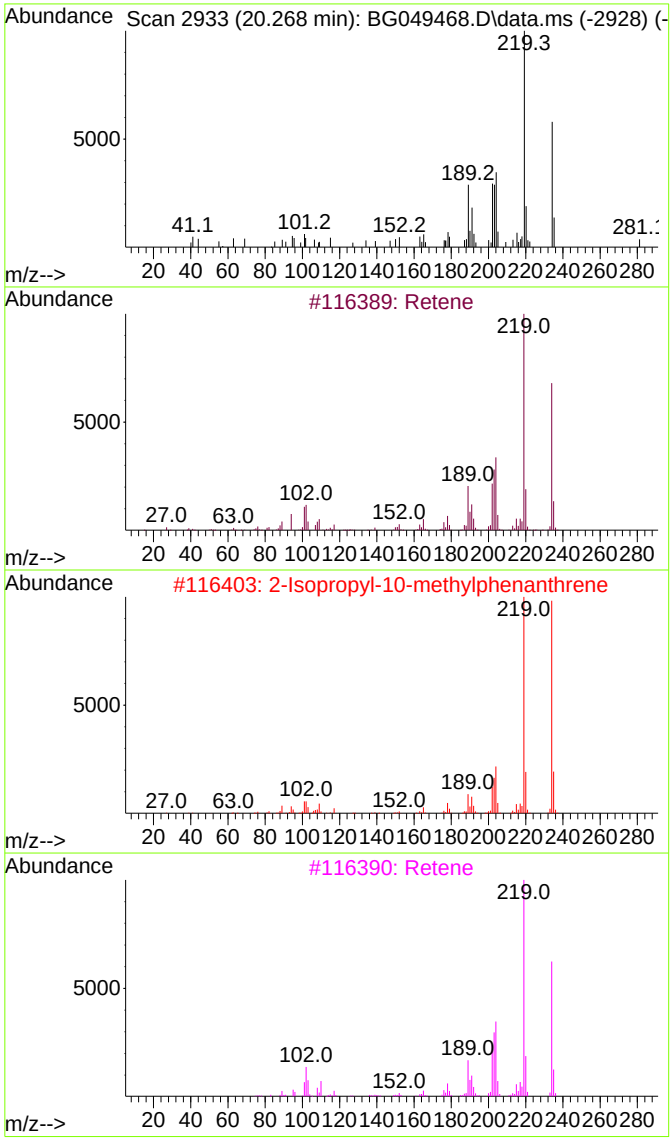
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

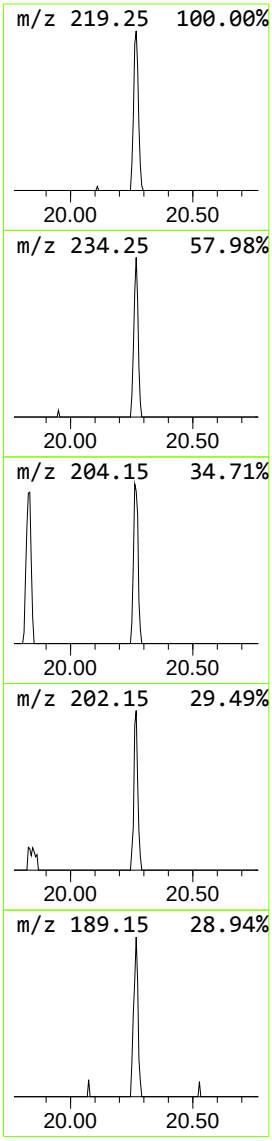
****

Peak Number 4 Retene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.268	2.77 ng/ul	49020	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	Retene	234	C18H18	000483-65-8	93
4	Retene	234	C18H18	000483-65-8	91
5	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE5

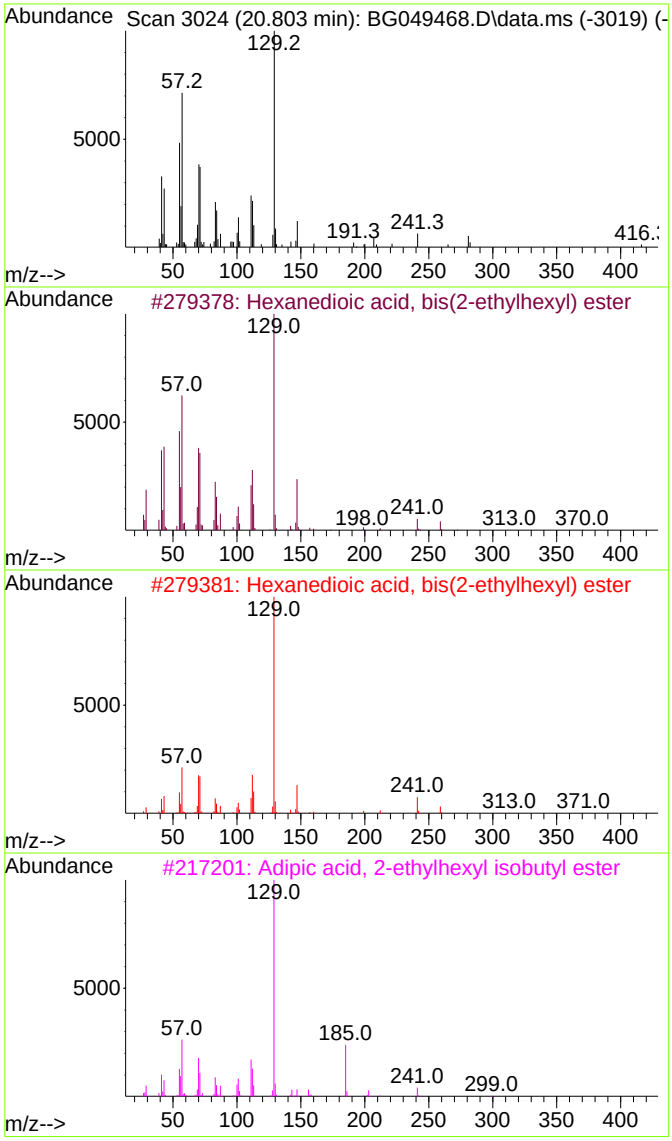
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

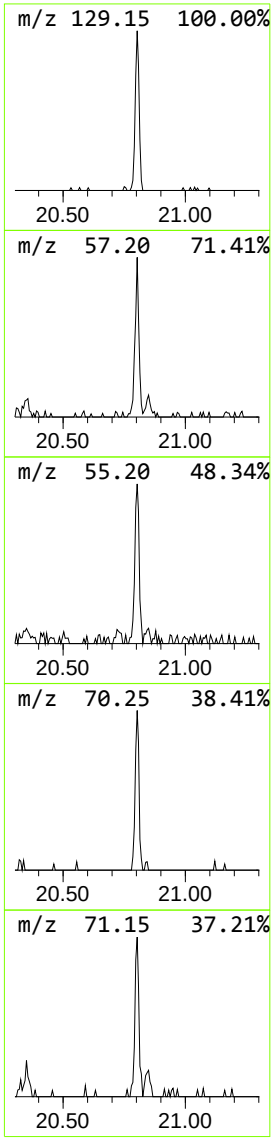
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.803	4.17 ng/ul	73709	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	58
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	53
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	50
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	49





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Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

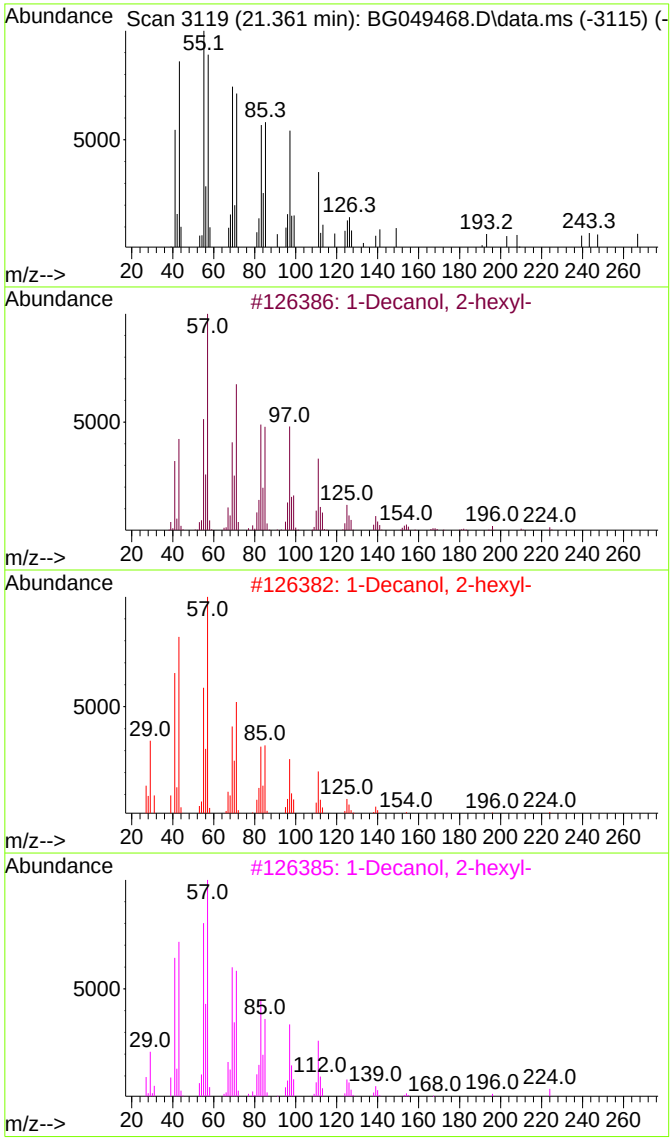
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

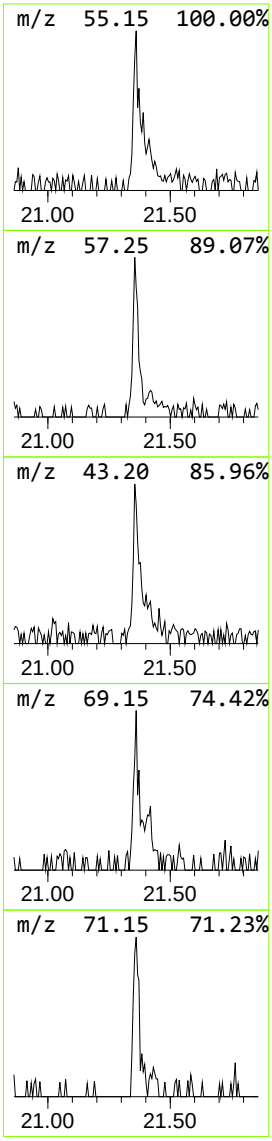
****

Peak Number 6 1-Decanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.361	2.54 ng/ul	45011	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	52
4	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	52
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

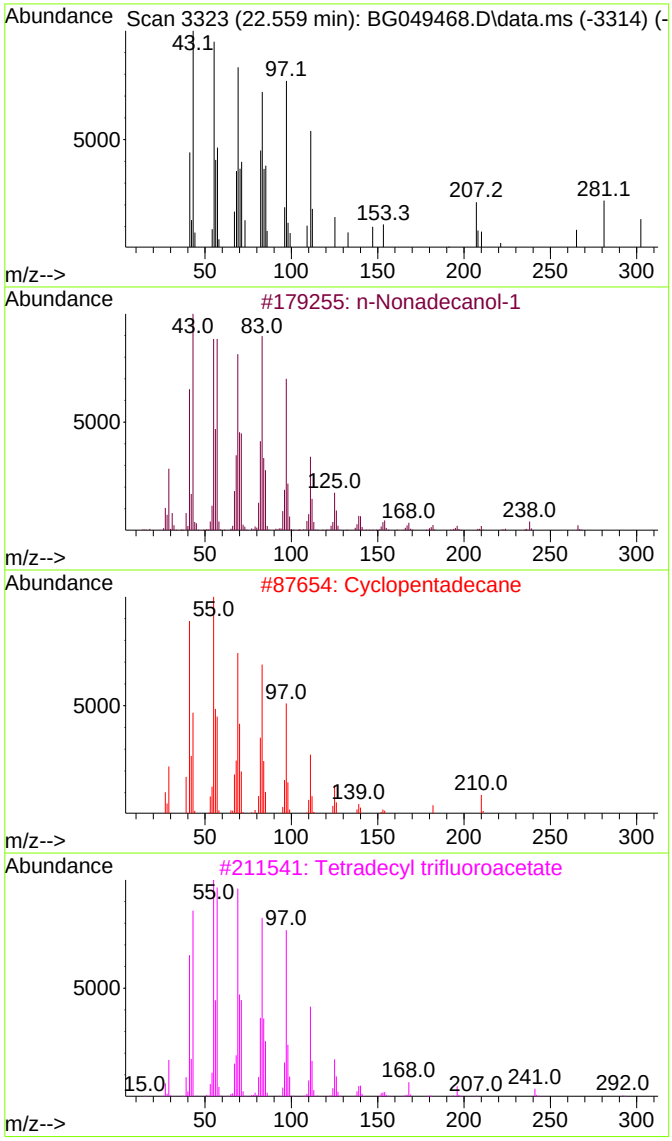
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

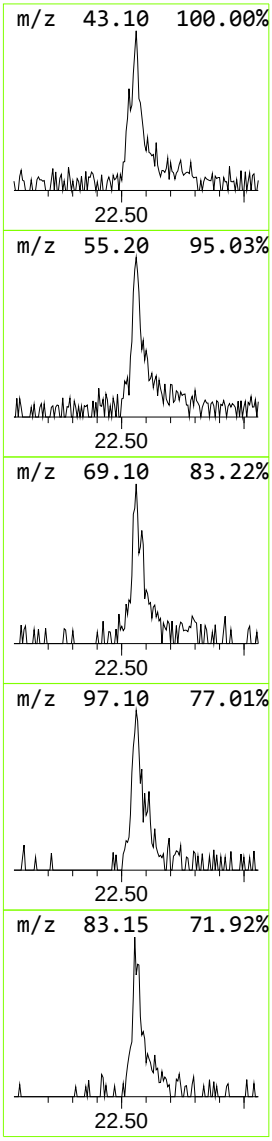
****

Peak Number 7 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.559	4.82 ng/ul	85323	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	72
2	Cyclopentadecane	210	C15H30	000295-48-7	60
3	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	59
4	Cyclopentadecane	210	C15H30	000295-48-7	55
5	1,3-Dioxolane, 4-ethyl-5-octyl-2...	350	C15H24F6O2	038274-72-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049468.D
Acq On : 25 Jul 2021 3:02
Operator : CG/JU
Sample : M3010-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.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
(DEL) Alkane: C...	3.080	9.0	ng/ul	58308	1	8.043	129453	20.0
Butane, 2-metho...	3.162	7.5	ng/ul	48815	1	8.043	129453	20.0
n-Hexadecanoic ...	18.329	3.5	ng/ul	53648	4	17.448	303760	20.0
Retene	20.268	2.8	ng/ul	49020	5	21.725	353807	20.0
Hexanedioic aci...	20.803	4.2	ng/ul	73709	5	21.725	353807	20.0
1-Decanol, 2-he...	21.361	2.5	ng/ul	45011	5	21.725	353807	20.0
n-Nonadecanol-1	22.559	4.8	ng/ul	85323	5	21.725	353807	20.0