LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061814.D
Acq On : 1 Jul 2024 16:06
Operator : MA/JU
Sample : P2871-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4CN8

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-BG062024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.470	25	31	34	rBV4	13742	26063	1.27%	0.093%
2	3.728	69	75	84	rBV	104268	188490	9.17%	0.669%
3	3.875	97	100	114	rBV	152661	284157	13.83%	1.009%
4	4.216	156	158	161	rVB3	5725	6362	0.31%	0.023%
5	4.586	218	221	227	rVB5	7140	11183	0.54%	0.040%
6	4.915	273	277	280	rBV4	3604	4355	0.21%	0.015%
7	5.062	300	302	305	rBV3	3316	4023	0.20%	0.014%
8	5.127	310	313	318	rVV4	6151	9120	0.44%	0.032%
9	5.221	325	329	331	rVB3	3845	4657	0.23%	0.017%
10	5.979	456	458	463	rVB3	2444	3387	0.16%	0.012%
11	6.114	478	481	488	rVB4	9520	16184	0.79%	0.057%
12	6.208	493	497	499	rBV3	3850	5455	0.27%	0.019%
13	6.255	502	505	509	rBV5	3558	4162	0.20%	0.015%
14	6.484	543	544	548	rBV3	3349	3941	0.19%	0.014%
15	7.207	659	667	675	rBV	413699	725401	35.30%	2.575%
16	7.377	690	696	705	rVB	267185	452402	22.01%	1.606%
17	7.506	715	718	720	rBV4	3120	3286	0.16%	0.012%
18	7.583	724	731	740	rVV	366000	635505	30.92%	2.256%
19	7.935	788	791	794	rBV4	2555	3447	0.17%	0.012%
20	8.053	805	811	818	rBV	293732	511999	24.91%	1.818%
21	8.111	818	821	824	rVB4	7258	10554	0.51%	0.037%
22	8.458	877	880	882	rBV3	4017	3617	0.18%	0.013%
23	8.752	921	930	939	rBV	522029	897934	43.70%	3.188%
24	8.946	959	963	966	rBV3	2834	3342	0.16%	0.012%
25	9.069	981	984	986	rBV2	3075	3779	0.18%	0.013%
26	9.151	994	998	1002	rVV2	4190	5732	0.28%	0.020%
27	9.222	1002	1010	1019	rVV	397594	701341	34.13%	2.490%
28	9.369	1031	1035	1040	rBV4	6949	10853	0.53%	0.039%
29	9.404	1040	1041	1046	rVB4	3571	3990	0.19%	0.014%
30	9.510	1057	1059	1061	rBV3	3337	3552	0.17%	0.013%
31	9.610	1074	1076	1080	rVB4	3146	4208	0.20%	0.015%
32	9.774	1096	1104	1110	rBV5	25619	45697	2.22%	0.162%
33	9.945	1117	1133	1140	rBV	351012	634501	30.88%	2.253%
34	10.144	1164	1167	1168	rBV2	6426	5268	0.26%	0.019%
35	10.244	1181	1184	1185	rBV2	4702	3880	0.19%	0.014%
36	10.262	1185	1187	1191	rVV4	3692	4047	0.20%	0.014%

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Sample : P2871-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CN8

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-BG062024.MA.M
Title : SVOA CALIBRATION

37	10.350	1200	1202	1205	rBV3	4448	4468	0.22%	0.016%
38	10.479	1217	1224	1236	rVB	547926	944463	45.96%	3.353%
39	10.755	1269	1271	1275	rBV5	3115	4397	0.21%	0.016%
40	10.867	1281	1290	1301	rBV	447920	800249	38.94%	2.841%
41	10.996	1305	1312	1324	rBV	332015	627908	30.56%	2.229%
42	11.126	1332	1334	1337	rBV2	4066	3481	0.17%	0.012%
43	11.284	1356	1361	1362	rVB2	4950	6645	0.32%	0.024%
44	11.302	1362	1364	1366	rBV2	5056	4187	0.20%	0.015%
45	11.390	1373	1379	1384	rBV6	10825	20581	1.00%	0.073%
46	11.596	1409	1414	1420	rBV2	36272	66734	3.25%	0.237%
47	11.983	1477	1480	1482	rBV	3161	3392	0.17%	0.012%
48	12.101	1497	1500	1505	rVB3	4053	6279	0.31%	0.022%
49	12.401	1545	1551	1552	rBV5	5033	8692	0.42%	0.031%
50	12.448	1555	1559	1562	rVB4	7036	10911	0.53%	0.039%
51	12.665	1593	1596	1598	rVB3	3732	3340	0.16%	0.012%
52	12.824	1620	1623	1626	rBV2	4932	6641	0.32%	0.024%
53	13.505	1736	1739	1743	rVB3	4769	4923	0.24%	0.017%
54	13.593	1748	1754	1759	rBV4	13093	24890	1.21%	0.088%
55	13.640	1759	1762	1770	rVV3	23475	34303	1.67%	0.122%
56	13.858	1796	1799	1803	rVB5	7658	12505	0.61%	0.044%
57	13.958	1813	1816	1818	rBV4	3700	3866	0.19%	0.014%
58	14.087	1829	1838	1845	rBV	938807	1307156	63.61%	4.641%
59	14.140	1845	1847	1849	rVV2	5190	4060	0.20%	0.014%
60	14.163	1849	1851	1855	rVV3	2581	3352	0.16%	0.012%
61	14.204	1855	1858	1861	rVV4	4733	6526	0.32%	0.023%
62	14.228	1861	1862	1865	rVB2	4234	3568	0.17%	0.013%
63	14.316	1874	1877	1880	rBV4	8233	10833	0.53%	0.038%
64	14.381	1880	1888	1894	rVV	982108	1529026	74.41%	5.428%
65	14.522	1907	1912	1917	rBV8	8176	16782	0.82%	0.060%
66	14.569	1917	1920	1923	rBV4	3591	4769	0.23%	0.017%
67	14.621	1923	1929	1934	rBV2	257126	485503	23.63%	1.724%
68	14.686	1934	1940	1946	rVB	652298	1041300	50.67%	3.697%
69	14.798	1957	1959	1962	rVB4	5380	4514	0.22%	0.016%
70	14.868	1962	1971	1978	rBV3	384080	669636	32.59%	2.377%
71	15.103	2009	2011	2013	rVB3	5995	4292	0.21%	0.015%
72	15.127	2013	2015	2016	rBV2	4075	3256	0.16%	0.012%
73	15.332	2046	2050	2052	rBV4	10012	13189	0.64%	0.047%
74	15.397	2060	2061	2065	rVB3	3270	3902	0.19%	0.014%
75	15.456	2067	2071	2072	rBV4	8119	7973	0.39%	0.028%
76	15.673	2102	2108	2116	rBV	1212467	1867539	90.88%	6.630%

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

77	15.785	2121	2127	2139	rVV	267014	410084	19.96%	1.456%
78	15.920	2145	2150	2152	rBV5	9501	16695	0.81%	0.059%
79	16.037	2167	2170	2172	rBV3	5005	4965	0.24%	0.018%
80	16.214	2199	2200	2202	rVB2	7702	5180	0.25%	0.018%
81	16.237	2202	2204	2205	rBV	5275	5322	0.26%	0.019%
82	16.337	2219	2221	2226	rBV6	4630	8728	0.42%	0.031%
83	16.384	2226	2229	2232	rBV3	8217	12844	0.63%	0.046%
84	16.425	2232	2236	2245	rVV2	82746	154892	7.54%	0.550%
85	16.554	2256	2258	2263	rVB6	7423	8429	0.41%	0.030%
86	16.672	2277	2278	2280	rBV2	4308	4240	0.21%	0.015%
87	16.772	2293	2295	2297	rBV3	4393	4478	0.22%	0.016%
88	16.942	2323	2324	2325	rBV	5496	3398	0.17%	0.012%
89	17.430	2400	2407	2417	rBV	806622	1245343	60.60%	4.421%
90	17.530	2417	2424	2431	rVB	1263440	1942554	94.53%	6.896%
91	18.182	2533	2535	2536	rBV2	7374	3901	0.19%	0.014%
92	18.311	2552	2557	2561	rBV2	147249	221661	10.79%	0.787%
93	19.810	2806	2812	2822	rVB	1411378	2054998	100.00%	7.296%
94	21.331	3068	3071	3082	rVB2	353982	565697	27.53%	2.008%
95	21.690	3126	3132	3138	rVB	657581	1062124	51.68%	3.771%
96	22.512	3266	3272	3281	rBV3	202255	577452	28.10%	2.050%
97	24.005	3521	3526	3532	rBV	319810	571261	27.80%	2.028%
98	24.686	3634	3642	3652	rVB	686545	1852810	90.16%	6.578%
99	24.904	3672	3679	3688	rBV3	358287	999669	48.65%	3.549%
100	26.108	3876	3884	3894	rVB3	533125	1594733	77.60%	5.662%

Sum of corrected areas: 28167363

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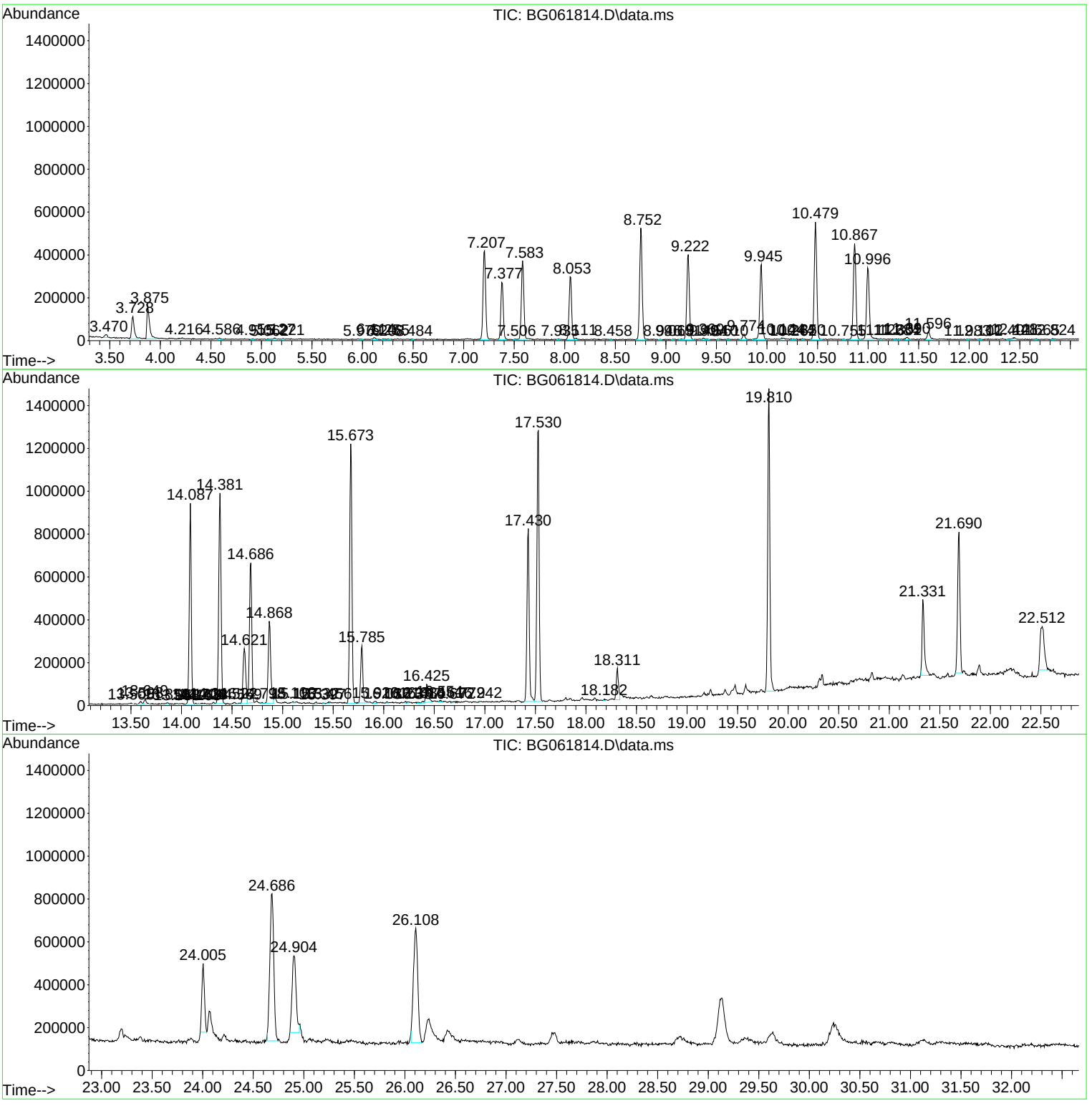
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061814.D
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Instrument :
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ClientSampleId :
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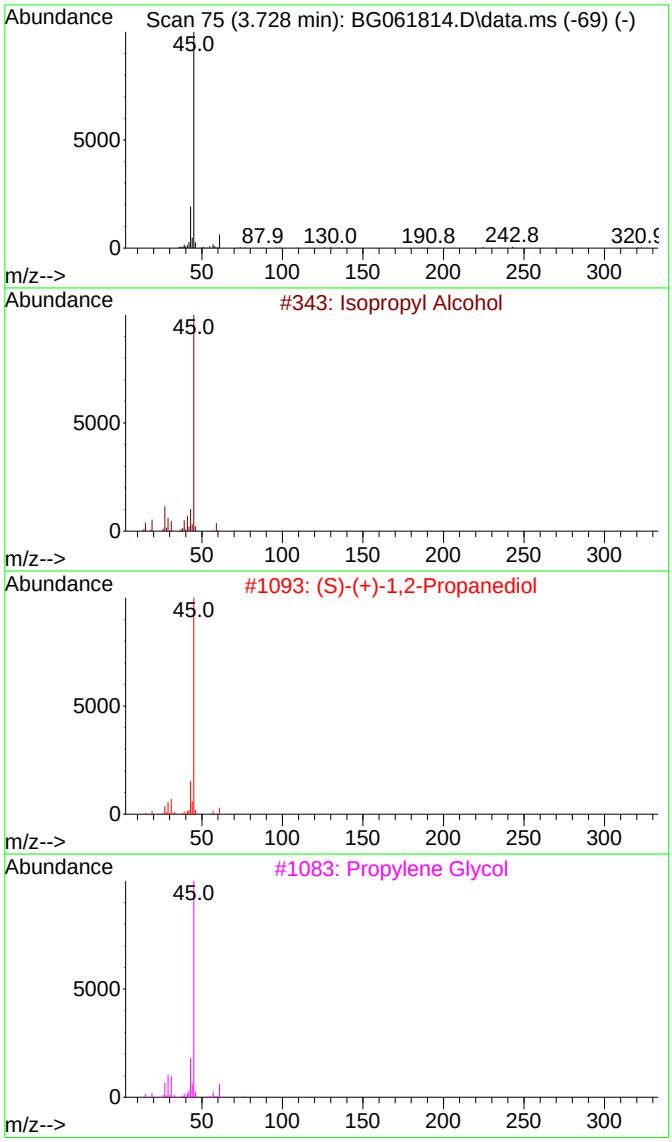
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

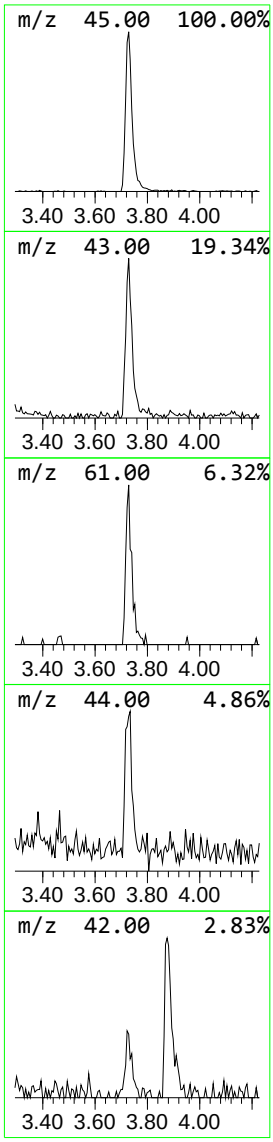
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.728	7.36 ng/ul	188490	1,4-Dichlorobenzene-d4	8.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
3	Propylene Glycol	76	C3H8O2	000057-55-6	40
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

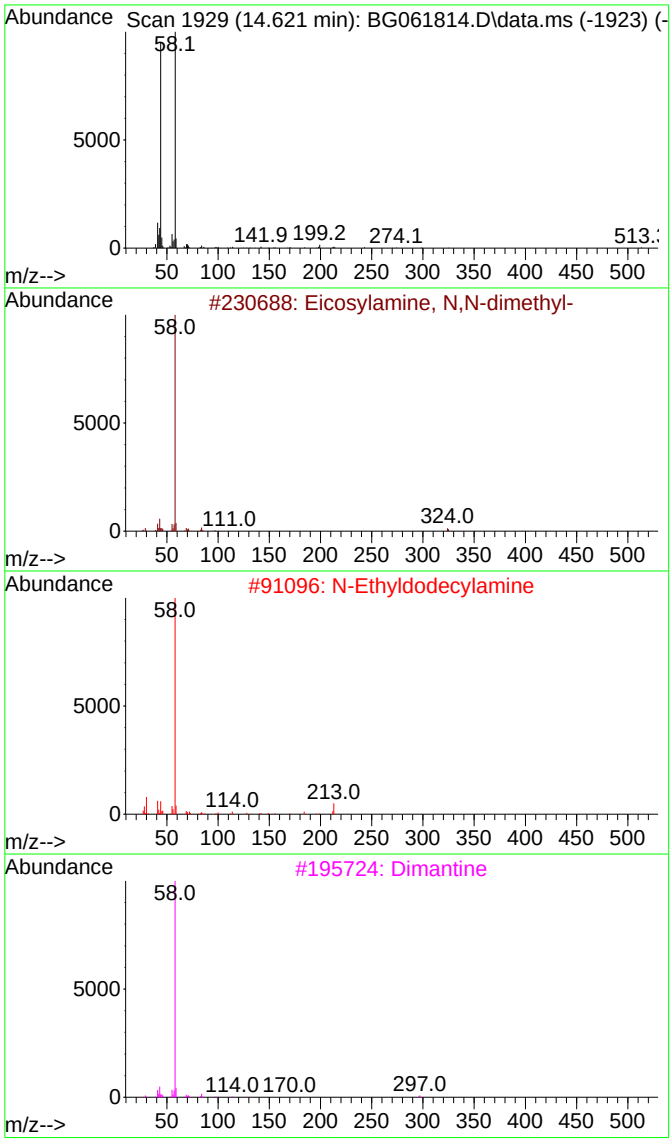
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

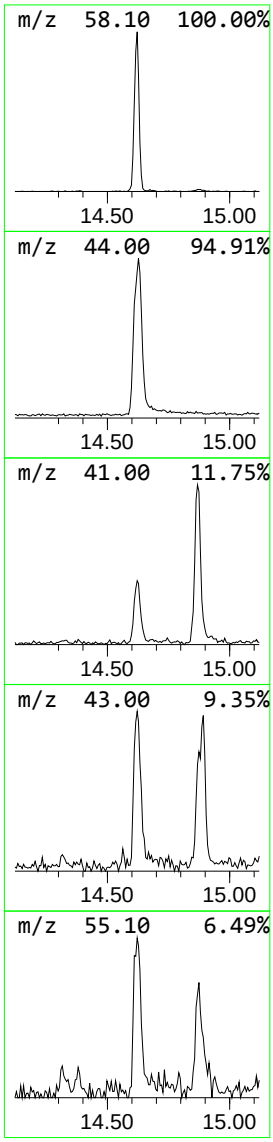
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.621	9.32 ng/ul	485503	Acenaphthene-d10	14.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosylamine, N,N-dimethyl-	325	C22H47N	1000406-30-5	38
2	N-Ethyldodecylamine	213	C14H31N	1000426-51-2	38
3	Dimantine	297	C20H43N	000124-28-7	38
4	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	37
5	1-Methyldecylamine	171	C11H25N	013205-56-6	35





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ALS Vial : 11 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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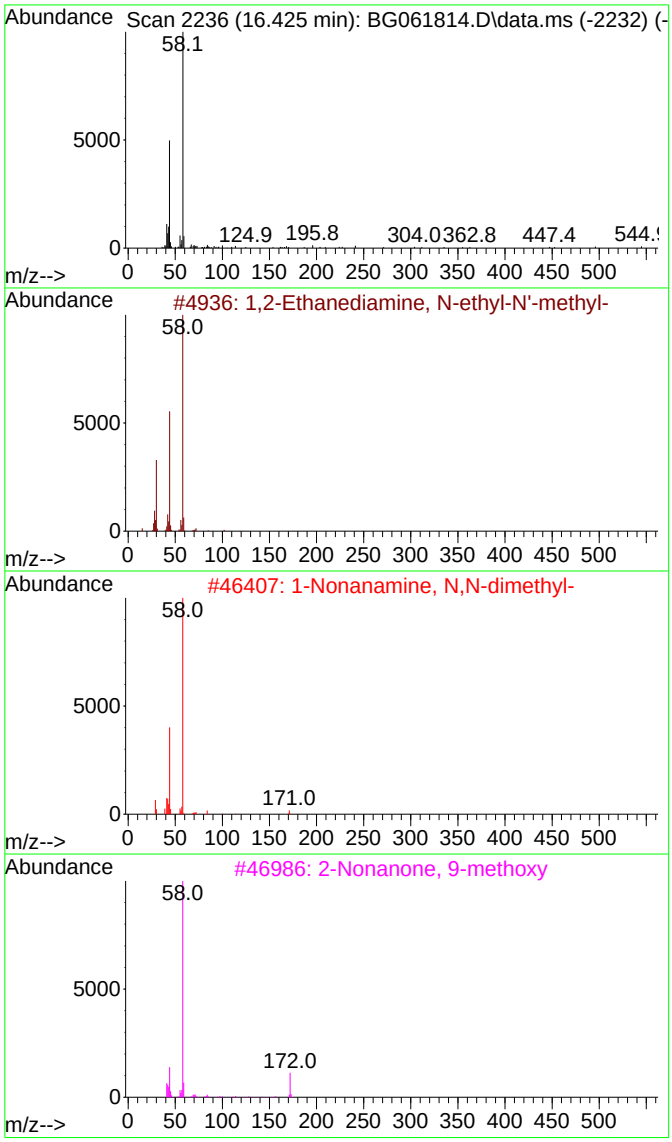
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

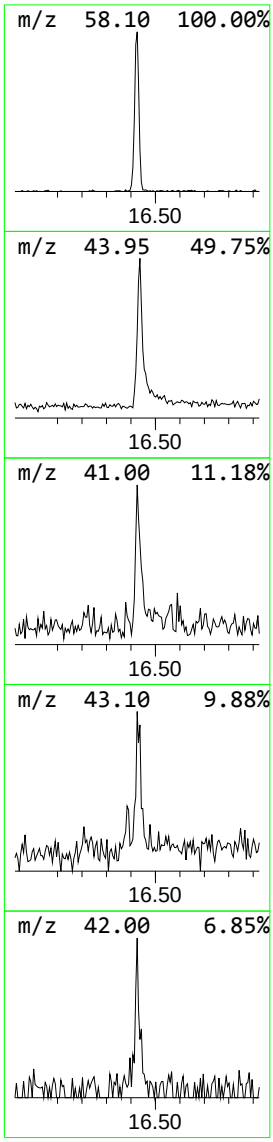
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,2-Ethanediamine, N-ethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.425	2.49 ng/ul	154892	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediamine, N-ethyl-N'-me...	102	C5H14N2	000111-37-5	72
2	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	53
3	2-Nonanone, 9-methoxy	172	C10H20O2	1010130-73-3	50
4	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	47
5	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	47





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

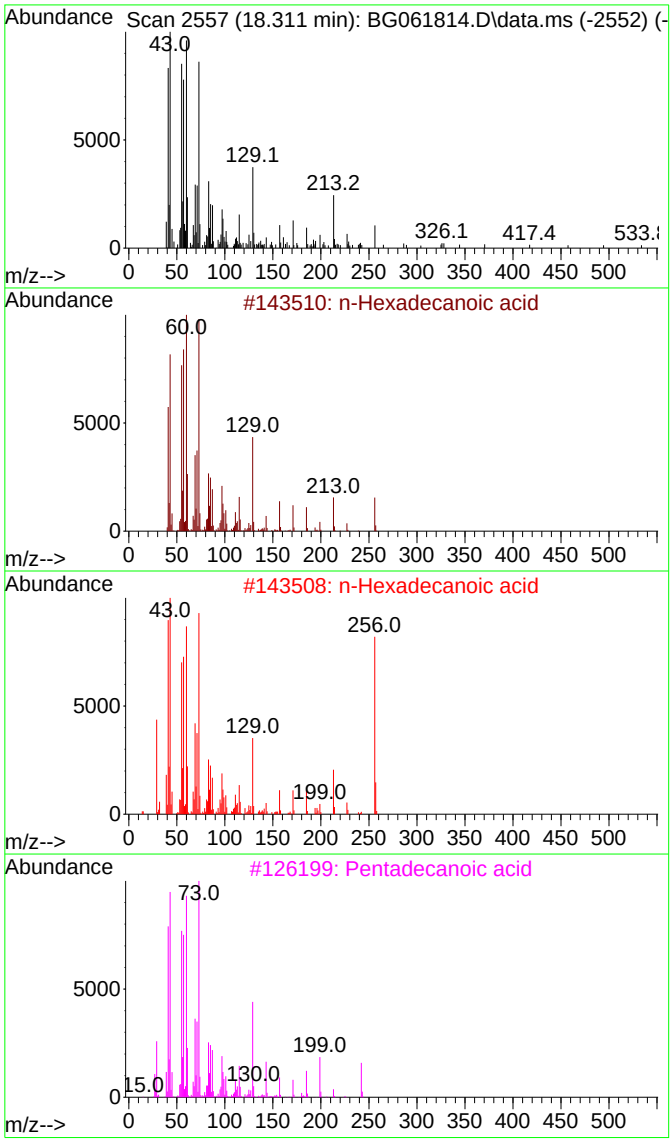
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

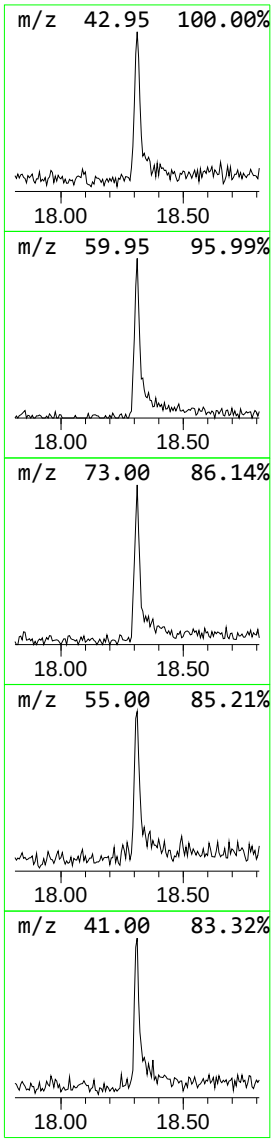
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.311	3.56 ng/ul	221661	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Data File : BG061814.D
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Operator : MA/JU
Sample : P2871-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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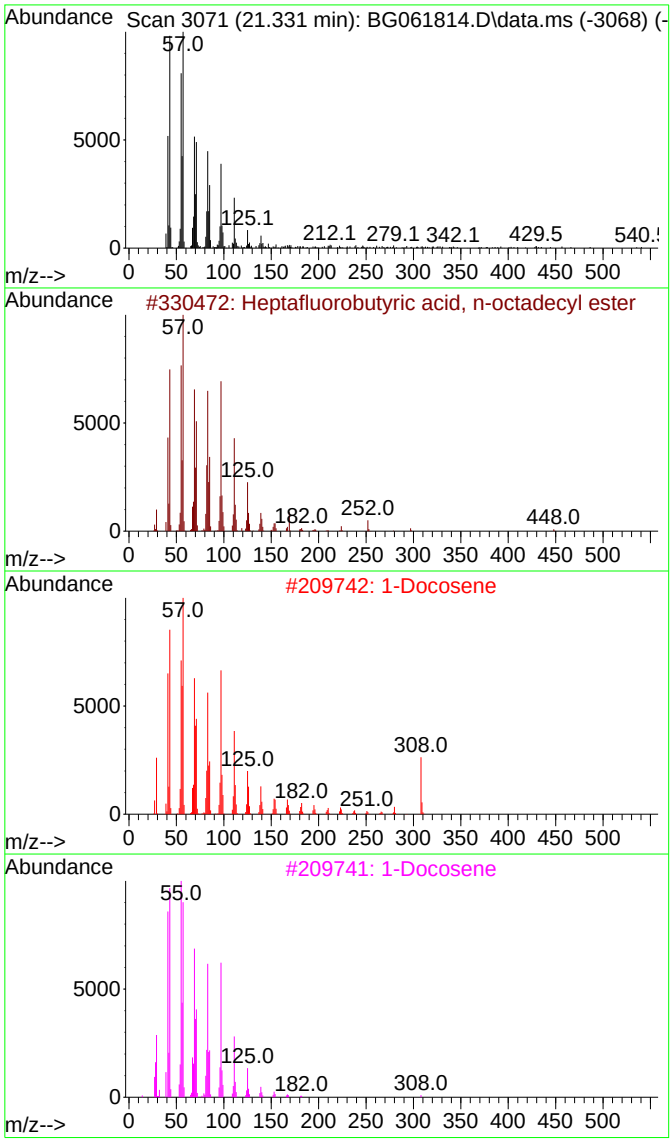
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

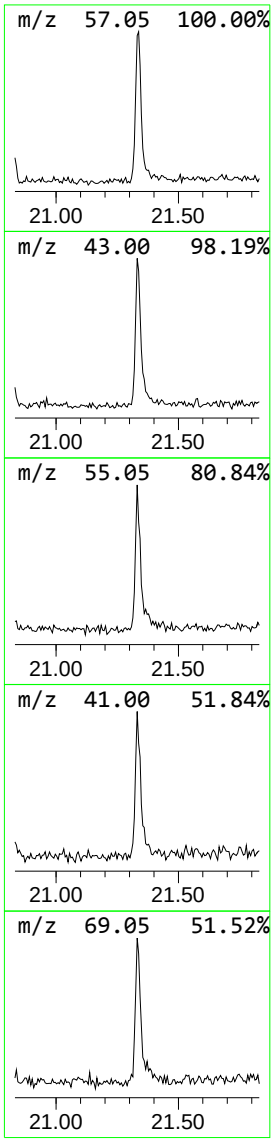
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.331	10.65 ng/ul	565697	Chrysene-d12	21.690

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	1-Docosene	308	C22H44	001599-67-3	90
3	1-Docosene	308	C22H44	001599-67-3	86
4	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	83
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061814.D
Acq On : 1 Jul 2024 16:06
Operator : MA/JU
Sample : P2871-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CN8

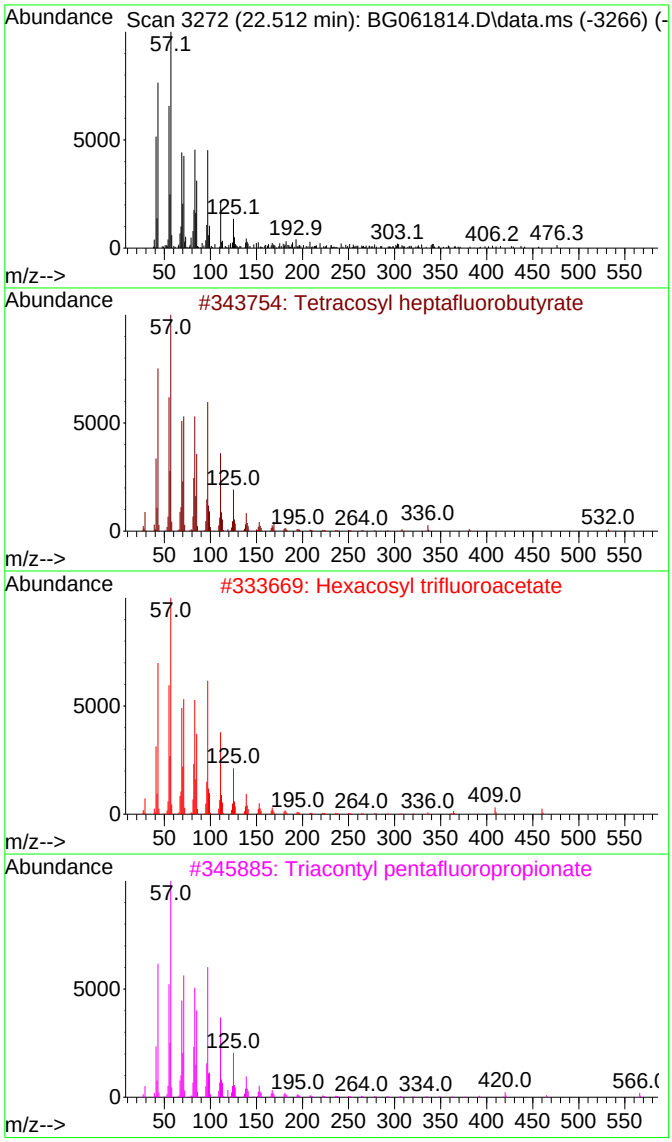
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

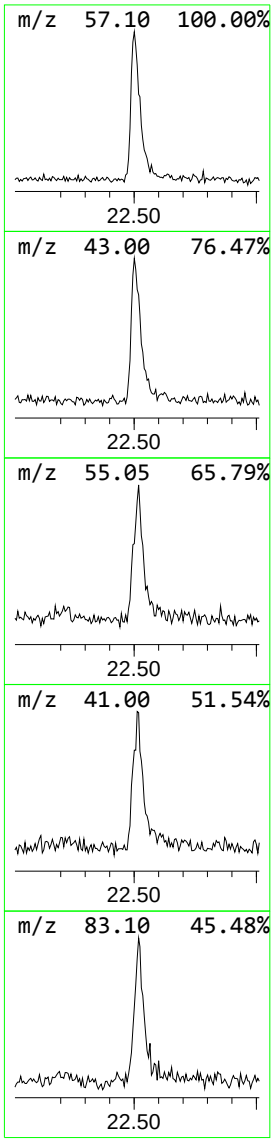
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Tetracosyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.512	10.87 ng/ul	577452	Chrysene-d12	21.690

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
2	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
3	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
4	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	91
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061814.D
Acq On : 1 Jul 2024 16:06
Operator : MA/JU
Sample : P2871-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CN8

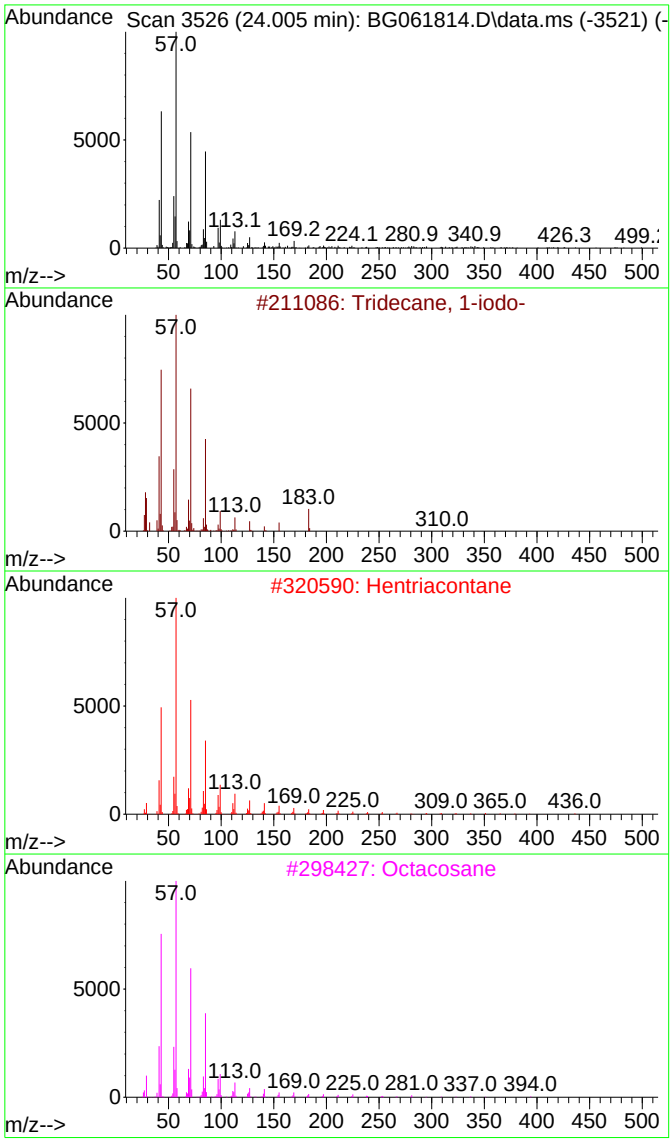
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

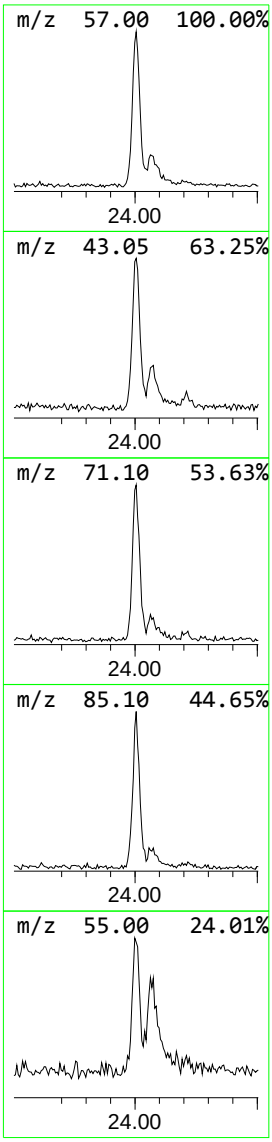
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Tridecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.005	11.43 ng/ul	571261	Perylene-d12	24.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Hentriacontane	437	C31H64	000630-04-6	89
3	Octacosane	394	C28H58	000630-02-4	87
4	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	86
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061814.D
Acq On : 1 Jul 2024 16:06
Operator : MA/JU
Sample : P2871-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CN8

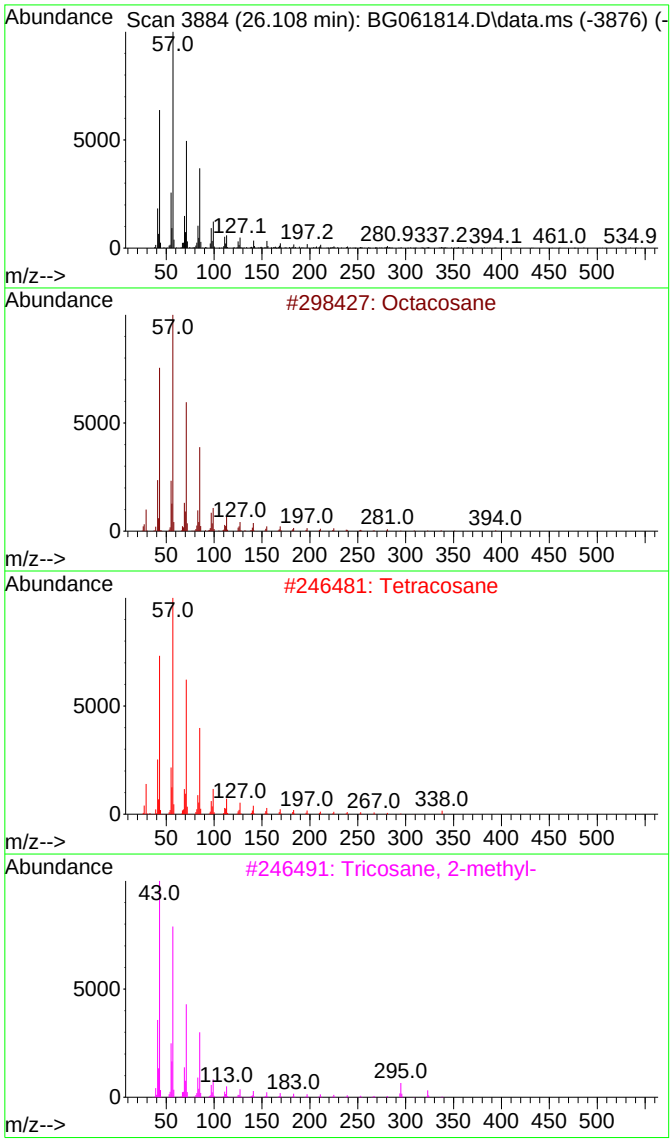
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

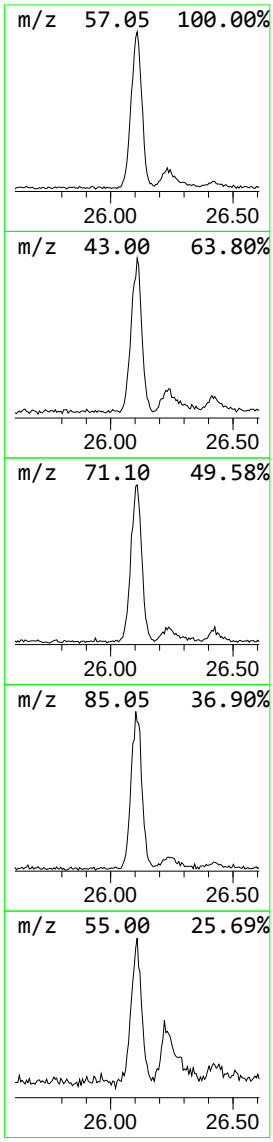
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.108	31.91 ng/ul	1594730	Perylene-d12	24.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	94
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061814.D
Acq On : 1 Jul 2024 16:06
Operator : MA/JU
Sample : P2871-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CN8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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
Isopropyl Alcohol	3.728	7.4	ng/ul	188490	1	8.059	511999	20.0
unknown-01	14.621	9.3	ng/ul	485503	3	14.686	1041300	20.0
1,2-Ethanediami...	16.425	2.5	ng/ul	154892	4	17.430	1245340	20.0
n-Hexadecanoic ...	18.311	3.6	ng/ul	221661	4	17.430	1245340	20.0
Heptafluorobuty...	21.331	10.7	ng/ul	565697	5	21.690	1062120	20.0
Tetracosyl hept...	22.512	10.9	ng/ul	577452	5	21.690	1062120	20.0
Tridecane, 1-iodo-	24.005	11.4	ng/ul	571261	6	24.898	999669	20.0
(DEL) Alkane: S...	26.108	31.9	ng/ul	1594730	6	24.898	999669	20.0