LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

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: BG062821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.735	108	110	112	rBV3	1247	1373	0.11%	0.018%
2	3.776	113	117	122	rVV2	9684	14950	1.18%	0.194%
3	3.864	130	132	138	rVB3	1877	2917	0.23%	0.038%
4	4.105	169	173	179	rBV5	2217	3812	0.30%	0.049%
5	5.327	378	381	386	rVB2	979	1269	0.10%	0.016%
6	7.072	672	678	685	rVB2	14067	25199	2.00%	0.327%
7	7.230	699	705	712	rVB	11602	18952	1.50%	0.246%
8	7.295	714	716	721	rVB2	950	1297	0.10%	0.017%
9	7.436	734	740	747	rVB	13943	23645	1.87%	0.307%
10	7.900	813	819	829	rBV	156840	271082	21.46%	3.516%
11	8.118	854	856	860	rBV2	1260	1393	0.11%	0.018%
12	8.458	912	914	919	rVB2	1330	2137	0.17%	0.028%
13	8.605	934	939	948	rVB3	14705	27343	2.16%	0.355%
14	8.793	966	971	975	rVB3	1222	2065	0.16%	0.027%
15	8.970	997	1001	1004	rBV2	1133	1563	0.12%	0.020%
16	9.058	1010	1016	1024	rVB3	12875	22405	1.77%	0.291%
17	9.116	1024	1026	1027	rVV	1928	1441	0.11%	0.019%
18	9.134	1027	1029	1035	rVB3	3158	3661	0.29%	0.047%
19	9.257	1045	1050	1056	rVB5	1717	3309	0.26%	0.043%
20	9.545	1094	1099	1103	rBV3	2199	3330	0.26%	0.043%
21	9.616	1109	1111	1112	rBV2	1592	1414	0.11%	0.018%
22	9.775	1134	1138	1145	rVB4	10478	18008	1.43%	0.234%
23	9.874	1153	1155	1158	rBV3	1209	1425	0.11%	0.018%
24	9.963	1164	1170	1173	rBV4	879	1615	0.13%	0.021%
25	10.127	1195	1198	1201	rBV	1408	1933	0.15%	0.025%
26	10.239	1213	1217	1221	rBV	978	1615	0.13%	0.021%
27	10.321	1225	1231	1237	rVV3	15703	28954	2.29%	0.376%
28	10.691	1286	1294	1302	rBV	228317	412660	32.67%	5.352%
29	10.832	1310	1318	1326	rBV3	13937	29984	2.37%	0.389%
30	11.067	1353	1358	1362	rBV3	1844	3062	0.24%	0.040%
31	11.954	1503	1509	1512	rBV4	2879	4421	0.35%	0.057%
32	12.119	1535	1537	1539	rVV	1952	2023	0.16%	0.026%
33	12.142	1539	1541	1547	rVB3	1727	2963	0.23%	0.038%
34	13.077	1696	1700	1703	rBV3	1391	2500	0.20%	0.032%
35	13.235	1723	1727	1729	rBV	1267	1451	0.11%	0.019%
36	13.329	1738	1743	1744	rBV3	1066	1429	0.11%	0.019%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

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

37	13.364	1744	1749	1752	rVV5	2944	4642	0.37%	0.060%
38	13.582	1782	1786	1790	rVB2	1910	2153	0.17%	0.028%
39	13.705	1803	1807	1809	rBV2	1198	1583	0.13%	0.021%
40	13.782	1819	1820	1825	rVB2	1305	1603	0.13%	0.021%
41	13.934	1840	1846	1852	rBV	40750	58459	4.63%	0.758%
42	14.011	1856	1859	1860	rBV3	1429	1743	0.14%	0.023%
43	14.158	1881	1884	1885	rBV	1432	1646	0.13%	0.021%
44	14.222	1890	1895	1901	rVV	47782	70914	5.61%	0.920%
45	14.434	1927	1931	1935	rBV3	6237	8357	0.66%	0.108%
46	14.528	1940	1947	1957	rVB	454342	693319	54.89%	8.992%
47	14.598	1957	1959	1964	rVB3	2591	3125	0.25%	0.041%
48	14.669	1967	1971	1975	rBV4	3273	5001	0.40%	0.065%
49	14.733	1978	1982	1988	rBV5	8621	17865	1.41%	0.232%
50	14.933	2014	2016	2020	rBV3	2553	2772	0.22%	0.036%
51	15.074	2035	2040	2041	rVV4	6669	9433	0.75%	0.122%
52	15.121	2044	2048	2050	rVV4	14191	20560	1.63%	0.267%
53	15.156	2050	2054	2062	rVB2	18500	34148	2.70%	0.443%
54	15.245	2067	2069	2071	rBV	1975	1899	0.15%	0.025%
55	15.327	2080	2083	2085	rBV2	1530	1679	0.13%	0.022%
56	15.386	2090	2093	2096	rVB4	5423	6041	0.48%	0.078%
57	15.438	2100	2102	2104	rBV3	1761	1745	0.14%	0.023%
58	15.521	2110	2116	2123	rBV2	69347	105043	8.32%	1.362%
59	15.662	2128	2140	2146	rBV6	24448	65785	5.21%	0.853%
60	15.768	2155	2158	2159	rBV3	2837	2930	0.23%	0.038%
61	15.779	2159	2160	2161	rBV	3449	2156	0.17%	0.028%
62	15.826	2166	2168	2170	rBV3	3330	3315	0.26%	0.043%
63	15.885	2173	2178	2184	rVB	23818	37933	3.00%	0.492%
64	15.938	2184	2187	2188	rBV3	4090	4607	0.36%	0.060%
65	15.973	2192	2193	2196	rBV3	4261	3306	0.26%	0.043%
66	16.008	2196	2199	2204	rBV6	5015	7673	0.61%	0.100%
67	16.120	2217	2218	2219	rBV	4303	2229	0.18%	0.029%
68	16.243	2236	2239	2241	rBV2	11838	15402	1.22%	0.200%
69	16.273	2241	2244	2248	rVB4	13910	18405	1.46%	0.239%
70	16.484	2277	2280	2286	rBV7	13892	22611	1.79%	0.293%
71	16.925	2350	2355	2365	rBV	505283	780180	61.77%	10.119%
72	17.031	2369	2373	2379	rBV3	67620	100156	7.93%	1.299%
73	17.089	2379	2383	2388	rVV2	59346	86194	6.82%	1.118%
74	17.278	2409	2415	2421	rBV	643281	978393	77.47%	12.690%
75	17.372	2427	2431	2435	rBV2	77925	101429	8.03%	1.316%
76	17.695	2482	2486	2491	rBV2	56272	102169	8.09%	1.325%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

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

77	17.777	2496	2500	2503	rVV	86257	100824	7.98%	1.308%
78	18.470	2615	2618	2622	rVB	104743	118861	9.41%	1.542%
79	18.929	2693	2696	2701	rVB	148008	206103	16.32%	2.673%
80	19.099	2722	2725	2729	rBV2	102871	136336	10.79%	1.768%
81	19.845	2850	2852	2862	rVB3	113439	248971	19.71%	3.229%
82	21.296	3095	3099	3103	rVB	116966	151441	11.99%	1.964%
83	21.525	3132	3138	3151	rVB	702683	1147367	90.84%	14.881%
84	24.587	3651	3659	3672	rVB	439715	1263000	100.00%	16.381%

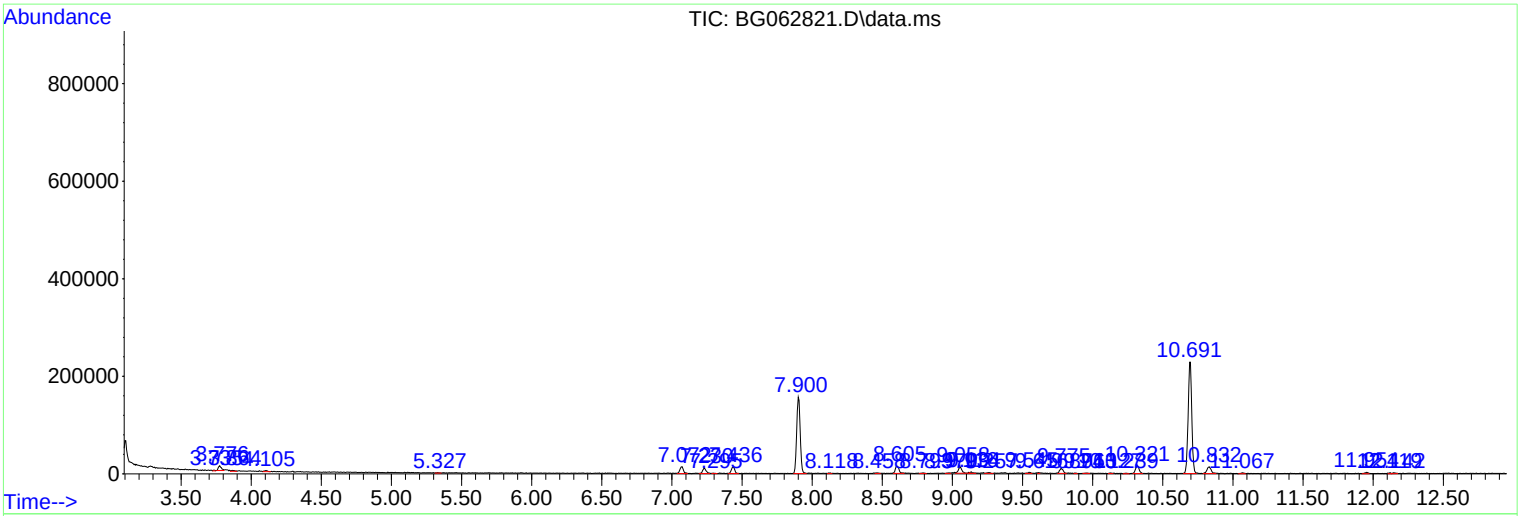
Sum of corrected areas: 7710106

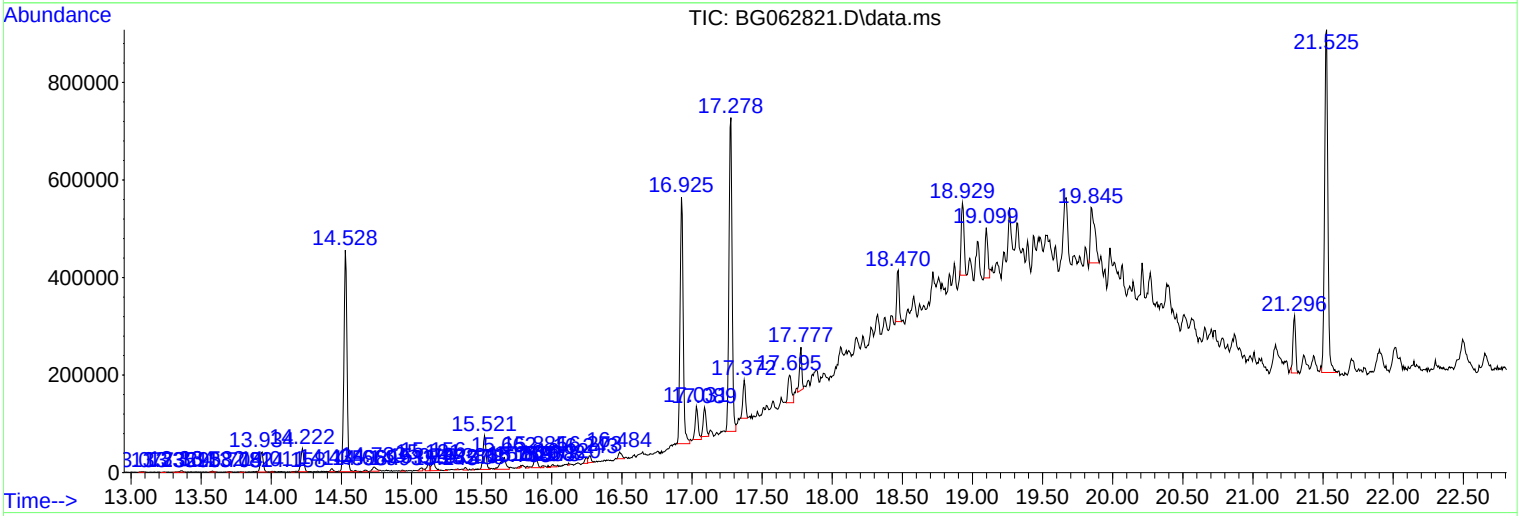
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

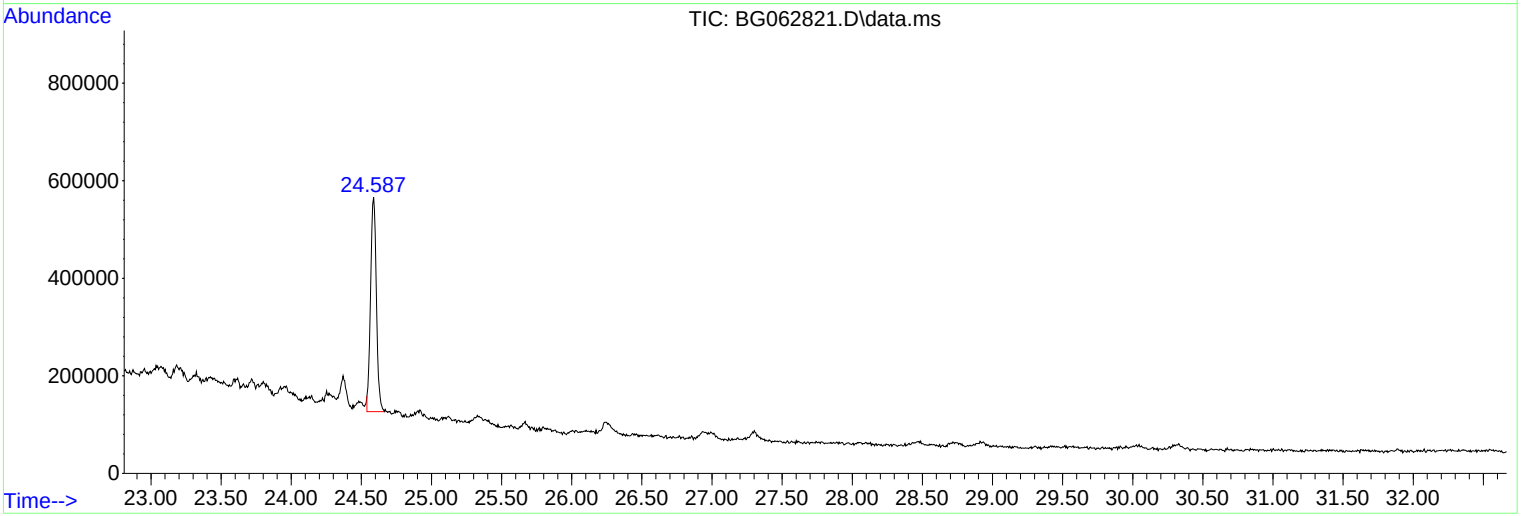
Instrument :
BNA_G
ClientSampleId :
DDCB9DL

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 : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

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

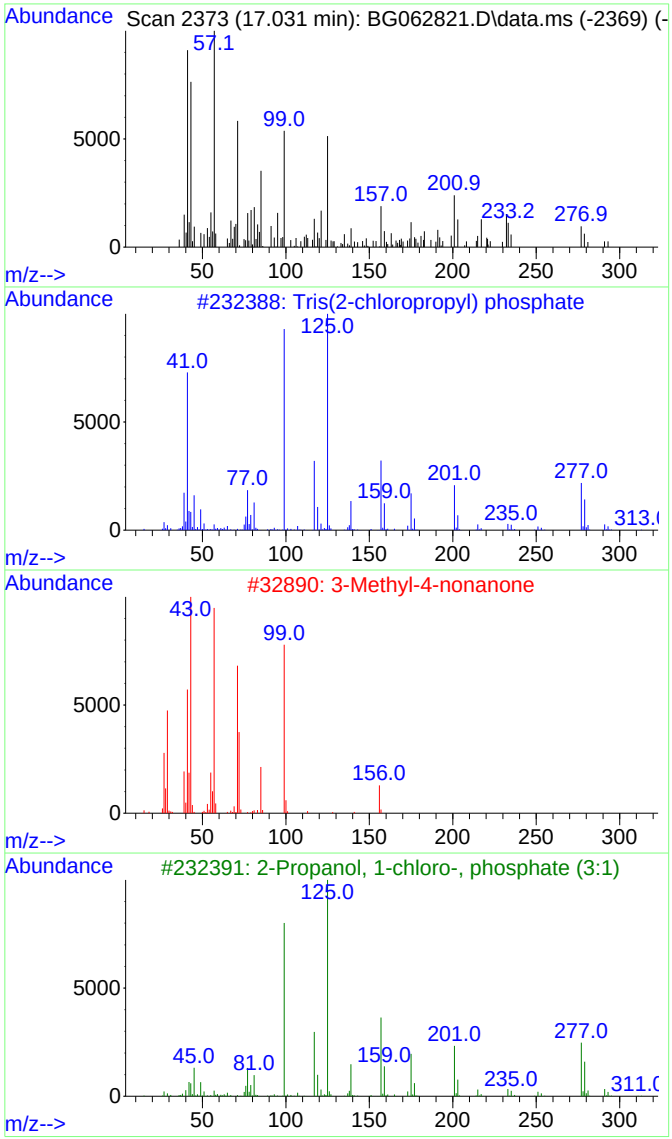
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

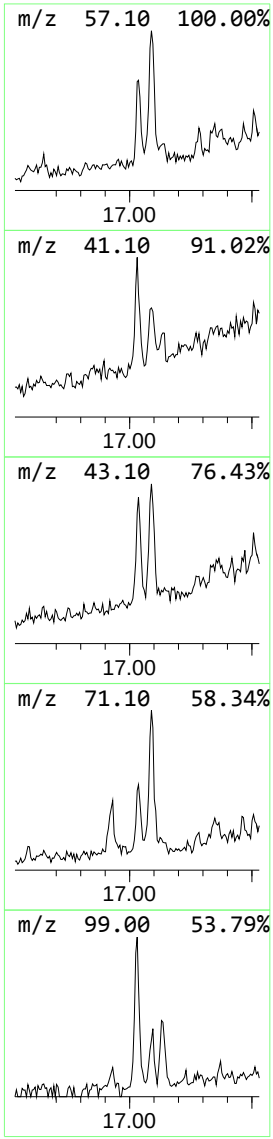
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.031	2.05 ng/ul	100156	Phenanthrene-d10	17.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	43
2	3-Methyl-4-nonanone	156	C10H20O	035778-39-3	35
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	30
4	5-Decanone, 2-methyl-	170	C11H22O	054410-89-8	27
5	3,6-Dimethyl-4-octanone	156	C10H20O	034645-03-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

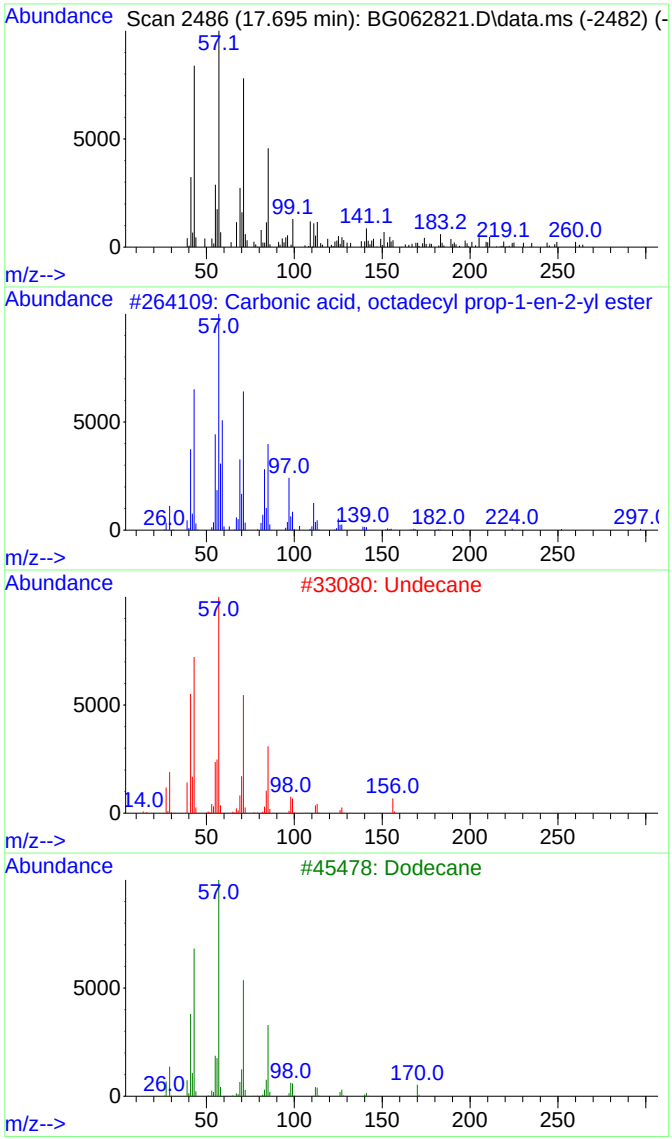
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

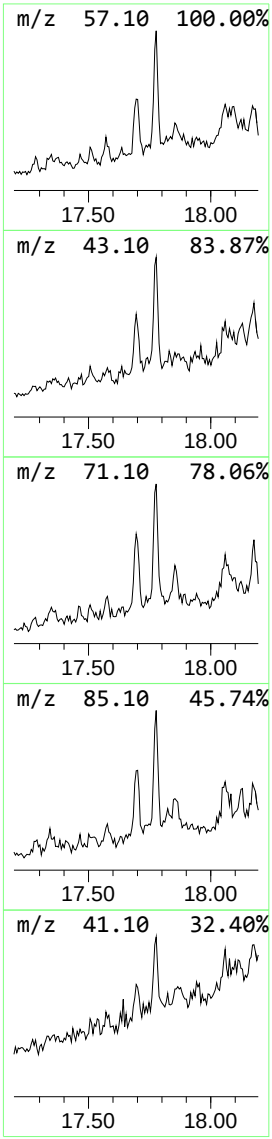
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Carbonic acid, octadecyl pr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.695	2.09 ng/ul	102169	Phenanthrene-d10	17.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	83
2	Undecane	156	C11H24	001120-21-4	81
3	Dodecane	170	C12H26	000112-40-3	81
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

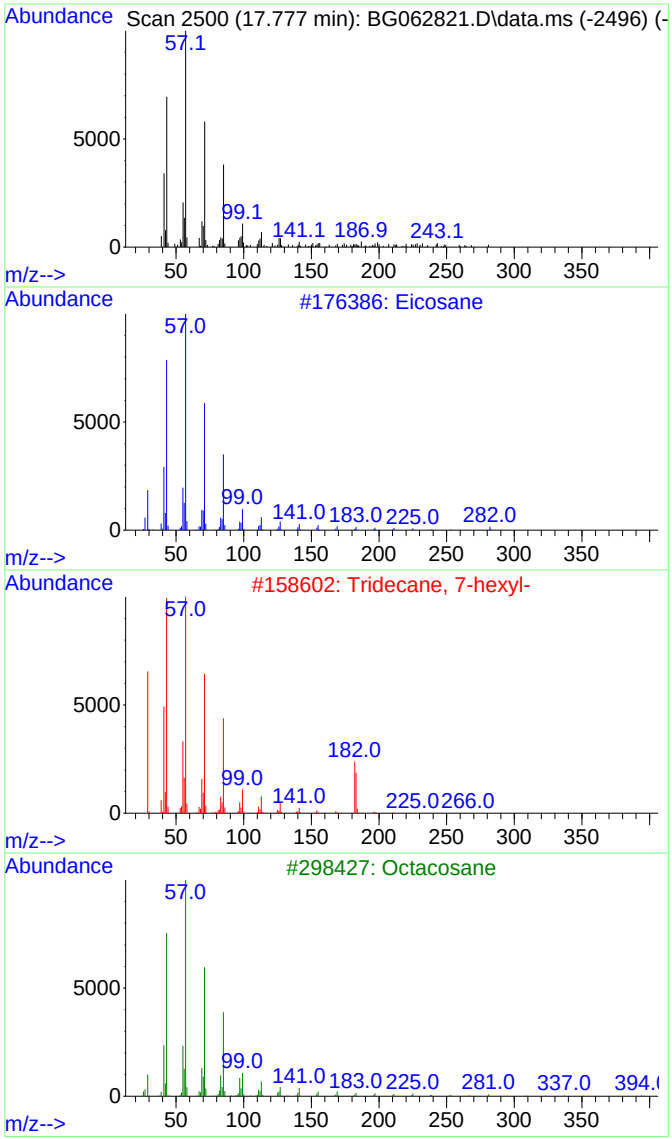
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

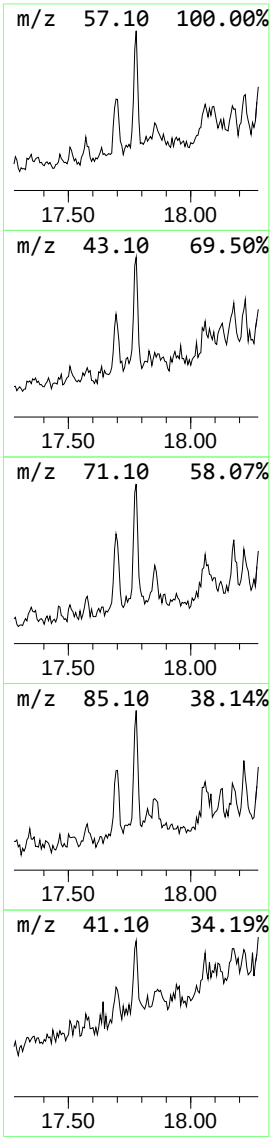
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.777	2.06 ng/ul	100824	Phenanthrene-d10	17.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

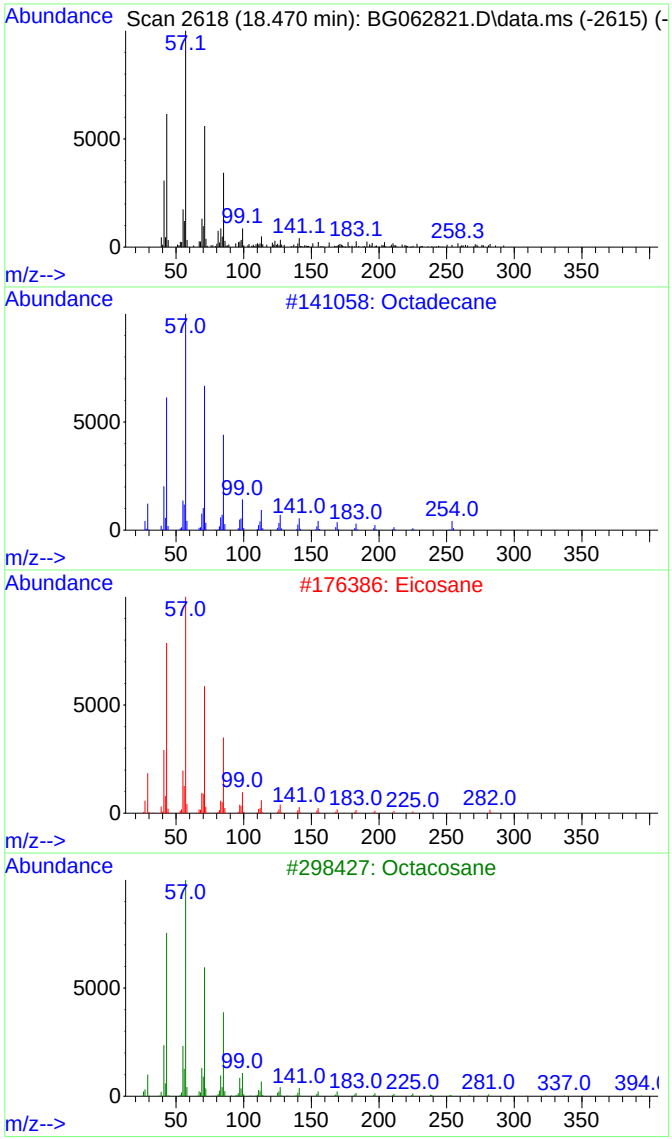
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

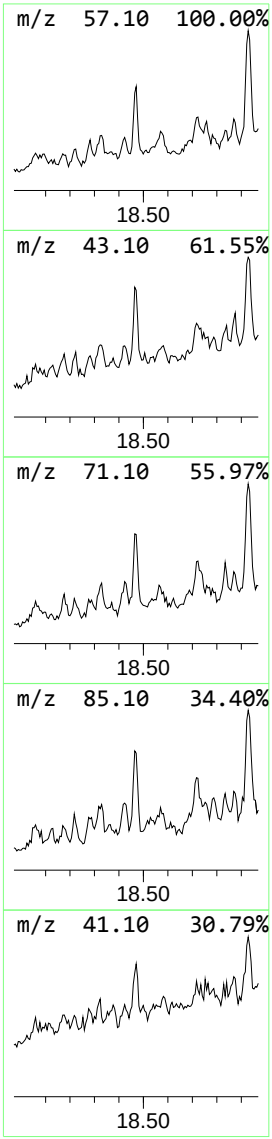
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	2.43 ng/ul	118861	Phenanthrene-d10	17.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Octacosane	394	C28H58	000630-02-4	81
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	76
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

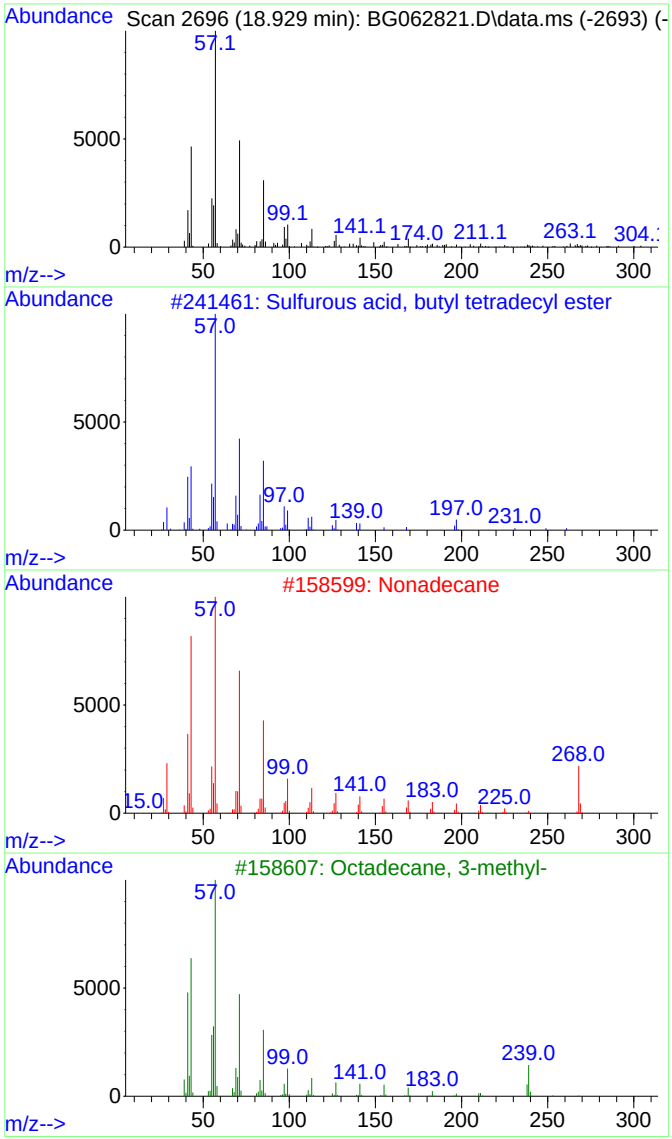
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

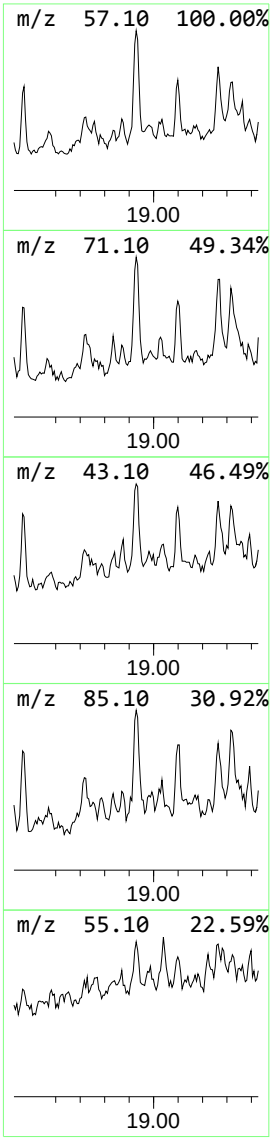
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, butyl tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.929	4.21 ng/ul	206103	Phenanthrene-d10	17.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	86
2	Nonadecane	268	C19H40	000629-92-5	83
3	Octadecane, 3-methyl-	268	C19H40	006561-44-0	72
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	72
5	Octacosane	394	C28H58	000630-02-4	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

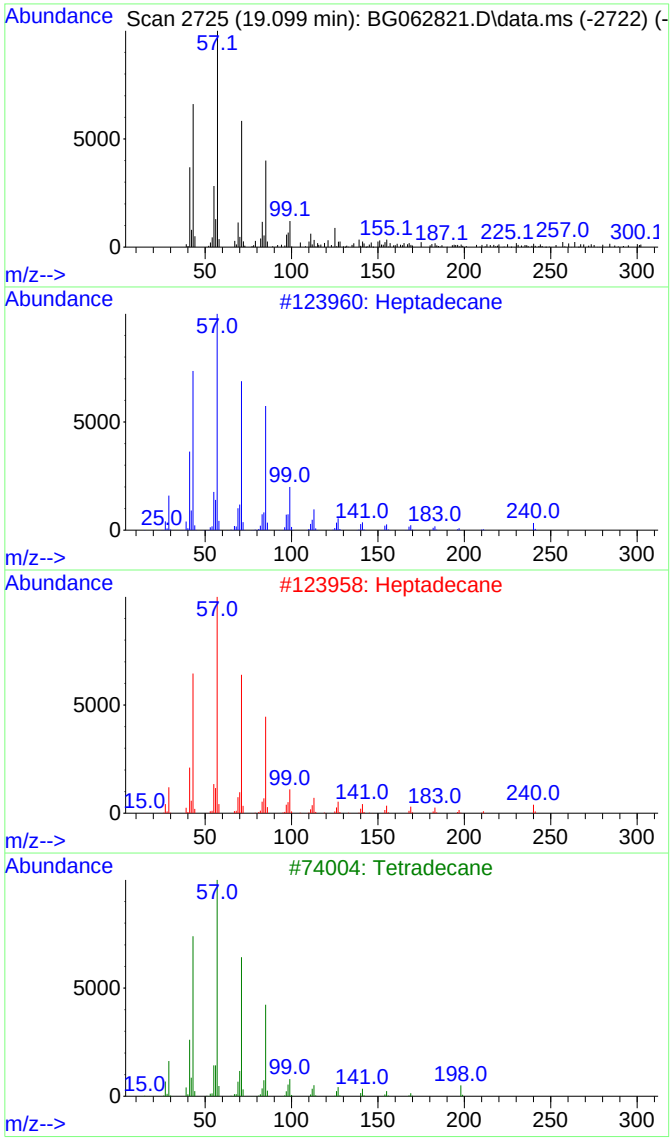
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

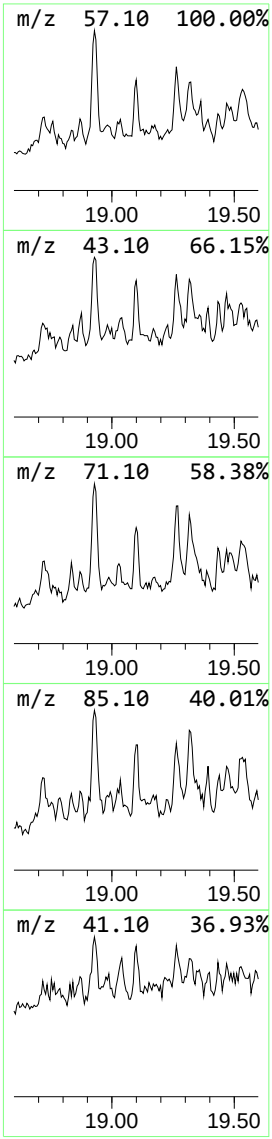
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.099	2.79 ng/ul	136336	Phenanthrene-d10	17.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heptadecane	240	C17H36	000629-78-7	87
3	Tetradecane	198	C14H30	000629-59-4	81
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

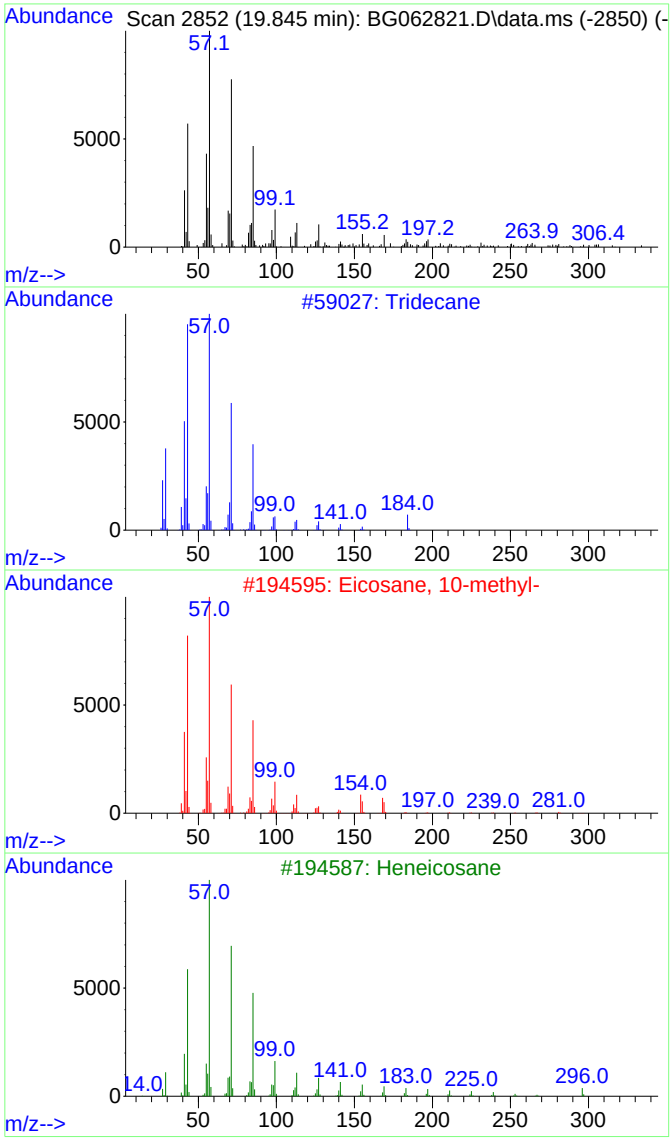
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

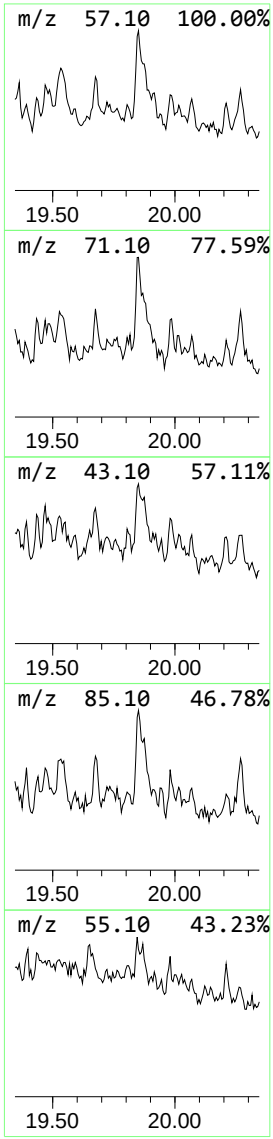
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	4.34 ng/ul	248971	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

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

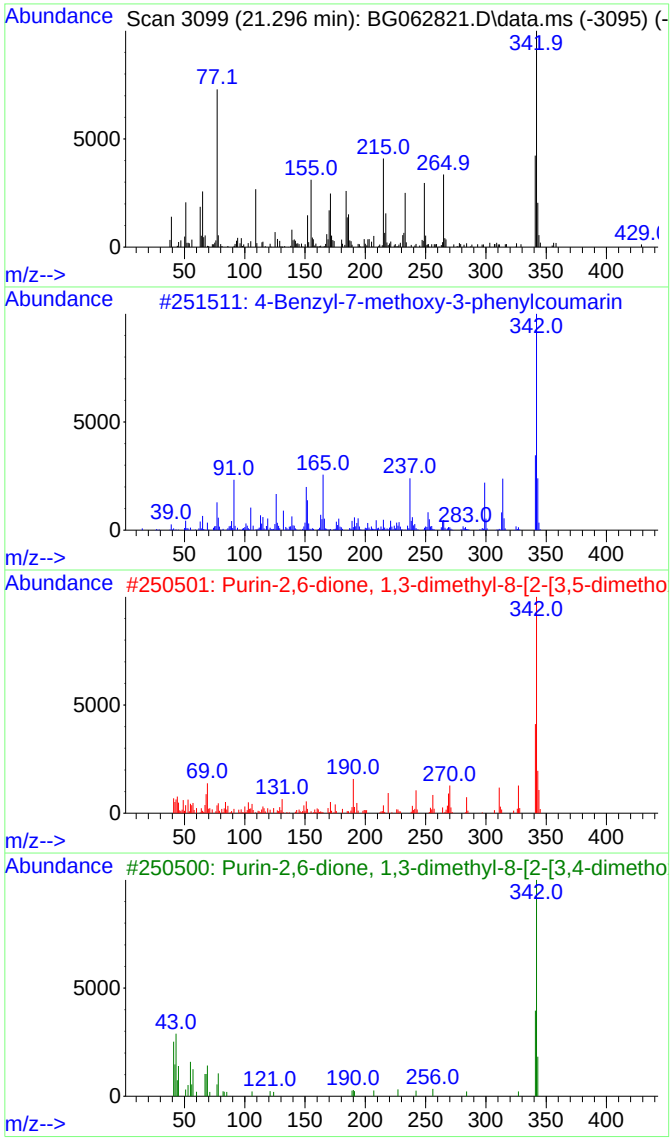
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

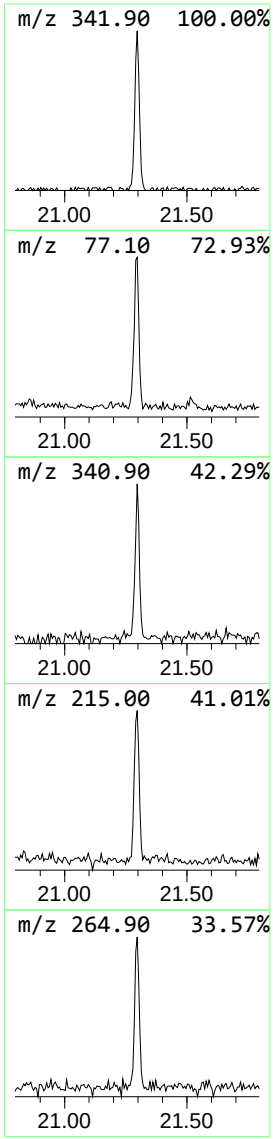
****

Peak Number 8 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.296	2.64 ng/ul	151441	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Benzyl-7-methoxy-3-phenylcoumarin	342	C23H18O3	147198-49-0	43
2	Purin-2,6-dione, 1,3-dimethyl-8-...	342	C17H18N4O4	1000127-65-8	35
3	Purin-2,6-dione, 1,3-dimethyl-8-...	342	C17H18N4O4	1000127-57-8	35
4	Benzothieno[2,3-d]pyrimidin-4(1H...	342	C18H18N2O3S	332165-25-0	35
5	5,7,3',4'-Tetramethoxyisoflavone	342	C19H18O6	040316-84-5	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062821.D
Acq On : 14 Sep 2024 21:18
Operator : JU/RC
Sample : P3898-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCB9DL

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
unknown-01	17.031	2.0	ng/ul	100156	4	17.278	978393	20.0
Carbonic acid, ...	17.695	2.1	ng/ul	102169	4	17.278	978393	20.0
(DEL) Alkane: S...	17.777	2.1	ng/ul	100824	4	17.278	978393	20.0
(DEL) Alkane: S...	18.470	2.4	ng/ul	118861	4	17.278	978393	20.0
Sulfurous acid,...	18.929	4.2	ng/ul	206103	4	17.278	978393	20.0
(DEL) Alkane: S...	19.099	2.8	ng/ul	136336	4	17.278	978393	20.0
(DEL) Alkane: S...	19.845	4.3	ng/ul	248971	5	21.526	1147370	20.0
unknown-02	21.296	2.6	ng/ul	151441	5	21.526	1147370	20.0