LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049791.D
Acq On : 11 Aug 2021 16:10
Operator : CG/JU
Sample : M3286-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGAZ9

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-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049791.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.145	13	18	43	rVB	288503	572859	100.00%	10.843%
2	3.862	138	140	150	rVB5	5251	10452	1.82%	0.198%
3	4.402	229	232	237	rVB4	6278	9824	1.71%	0.186%
4	4.437	237	238	240	rBV	2178	1640	0.29%	0.031%
5	4.819	300	303	306	rVB3	3369	3574	0.62%	0.068%
6	5.101	350	351	356	rVB3	2394	2196	0.38%	0.042%
7	5.213	368	370	372	rBV	1534	1278	0.22%	0.024%
8	5.800	469	470	473	rBV	1276	1141	0.20%	0.022%
9	6.123	524	525	528	rBV2	1957	1910	0.33%	0.036%
10	6.722	625	627	630	rVB2	1243	1156	0.20%	0.022%
11	7.198	702	708	721	rVB	56029	105762	18.46%	2.002%
12	7.357	728	735	743	rBV2	37049	67792	11.83%	1.283%
13	7.568	765	771	781	rBV2	57079	104010	18.16%	1.969%
14	7.651	781	785	787	rVB2	2233	3010	0.53%	0.057%
15	7.891	825	826	830	rVB	1264	1258	0.22%	0.024%
16	8.032	844	850	860	rBV	94319	170896	29.83%	3.235%
17	8.485	925	927	928	rBV	1815	1151	0.20%	0.022%
18	8.749	966	972	981	rBV	61979	113623	19.83%	2.151%
19	9.201	1043	1049	1060	rBV	61382	115682	20.19%	2.190%
20	9.360	1072	1076	1077	rBV	1464	1168	0.20%	0.022%
21	9.601	1115	1117	1119	rBV	1133	1165	0.20%	0.022%
22	9.930	1167	1173	1181	rVB2	53688	101486	17.72%	1.921%
23	10.083	1196	1199	1202	rVB2	1232	1591	0.28%	0.030%
24	10.112	1202	1204	1207	rBV	1260	1496	0.26%	0.028%
25	10.229	1221	1224	1225	rBV	1458	1170	0.20%	0.022%
26	10.476	1258	1266	1276	rBV2	74171	142004	24.79%	2.688%
27	10.547	1276	1278	1281	rVB3	2116	2075	0.36%	0.039%
28	10.623	1286	1291	1299	rBV4	8571	17616	3.08%	0.333%
29	10.746	1309	1312	1313	rBV	1011	1177	0.21%	0.022%
30	10.858	1319	1331	1340	rBV	141315	256710	44.81%	4.859%
31	10.993	1347	1354	1363	rBV2	48967	93608	16.34%	1.772%
32	11.586	1452	1455	1457	rBV	1260	1347	0.24%	0.025%
33	11.763	1479	1485	1489	rBV2	2038	2973	0.52%	0.056%
34	12.103	1538	1543	1545	rBV2	949	1625	0.28%	0.031%
35	12.168	1552	1554	1557	rBV	1362	1354	0.24%	0.026%
36	12.256	1566	1569	1574	rBV2	1830	3428	0.60%	0.065%

LSC Area Percent Report

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Sample : M3286-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGAZ9

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-BG080421.M
Title : SVOA CALIBRATION

37	12.327	1580	1581	1586	rBV3	1570	1539	0.27%	0.029%
38	12.426	1592	1598	1603	rBV5	5888	13525	2.36%	0.256%
39	12.609	1628	1629	1636	rVB	1432	1703	0.30%	0.032%
40	12.656	1636	1637	1639	rBV2	1980	1422	0.25%	0.027%
41	12.943	1685	1686	1690	rVB	1725	1540	0.27%	0.029%
42	12.996	1693	1695	1698	rVB2	1427	1524	0.27%	0.029%
43	13.108	1711	1714	1716	rBV3	3100	2984	0.52%	0.056%
44	13.278	1740	1743	1744	rBV	1946	2229	0.39%	0.042%
45	13.337	1750	1753	1754	rBV	1654	1479	0.26%	0.028%
46	13.349	1754	1755	1758	rVB	3334	2208	0.39%	0.042%
47	13.390	1758	1762	1764	rBV3	2493	3208	0.56%	0.061%
48	13.466	1772	1775	1776	rBV2	4466	4236	0.74%	0.080%
49	13.566	1788	1792	1796	rBV3	4403	6886	1.20%	0.130%
50	13.625	1800	1802	1804	rBV2	3878	3260	0.57%	0.062%
51	13.742	1819	1822	1823	rBV3	2754	2888	0.50%	0.055%
52	14.013	1864	1868	1873	rBV4	3787	5967	1.04%	0.113%
53	14.083	1875	1880	1888	rVB	150303	231787	40.46%	4.387%
54	14.206	1897	1901	1903	rBV4	2905	2829	0.49%	0.054%
55	14.383	1925	1931	1936	rBV	161740	253234	44.21%	4.793%
56	14.571	1959	1963	1967	rBV5	7762	12950	2.26%	0.245%
57	14.647	1973	1976	1977	rBV3	3025	3020	0.53%	0.057%
58	14.688	1977	1983	1994	rVB	231450	368187	64.27%	6.969%
59	14.835	2007	2008	2011	rBV4	2336	2668	0.47%	0.050%
60	14.900	2014	2019	2029	rVV4	34310	76680	13.39%	1.451%
61	15.234	2075	2076	2078	rBV2	2329	1786	0.31%	0.034%
62	15.305	2086	2088	2089	rBV2	3242	2411	0.42%	0.046%
63	15.516	2121	2124	2129	rBV2	16476	20055	3.50%	0.380%
64	15.681	2146	2152	2163	rBV	206741	332771	58.09%	6.298%
65	15.804	2168	2173	2180	rVB2	50584	83740	14.62%	1.585%
66	15.928	2189	2194	2197	rBV4	11298	18073	3.15%	0.342%
67	16.380	2267	2271	2274	rBV4	28306	42463	7.41%	0.804%
68	16.838	2346	2349	2353	rBV5	7499	8818	1.54%	0.167%
69	16.956	2367	2369	2371	rBV3	7000	7568	1.32%	0.143%
70	17.179	2403	2407	2411	rBV2	27100	34838	6.08%	0.659%
71	17.437	2446	2451	2457	rBV	259357	405398	70.77%	7.673%
72	17.537	2463	2468	2474	rVB	207587	316304	55.21%	5.987%
73	17.919	2529	2533	2536	rVB2	30533	38778	6.77%	0.734%
74	18.089	2559	2562	2567	rVB5	15059	21202	3.70%	0.401%
75	18.606	2647	2650	2656	rBV3	32197	46193	8.06%	0.874%
76	19.194	2746	2750	2754	rBV4	46926	64750	11.30%	1.226%

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Acq On : 11 Aug 2021 16:10
Operator : CG/JU
Sample : M3286-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGAZ9

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Title : SVOA CALIBRATION

77	19.828	2852	2858	2865	rBV	242670	372287	64.99%	7.046%
78	21.015	3056	3060	3068	rVB	111742	144220	25.18%	2.730%
79	21.720	3175	3180	3186	rVB	243565	392525	68.52%	7.429%

Sum of corrected areas: 5283340

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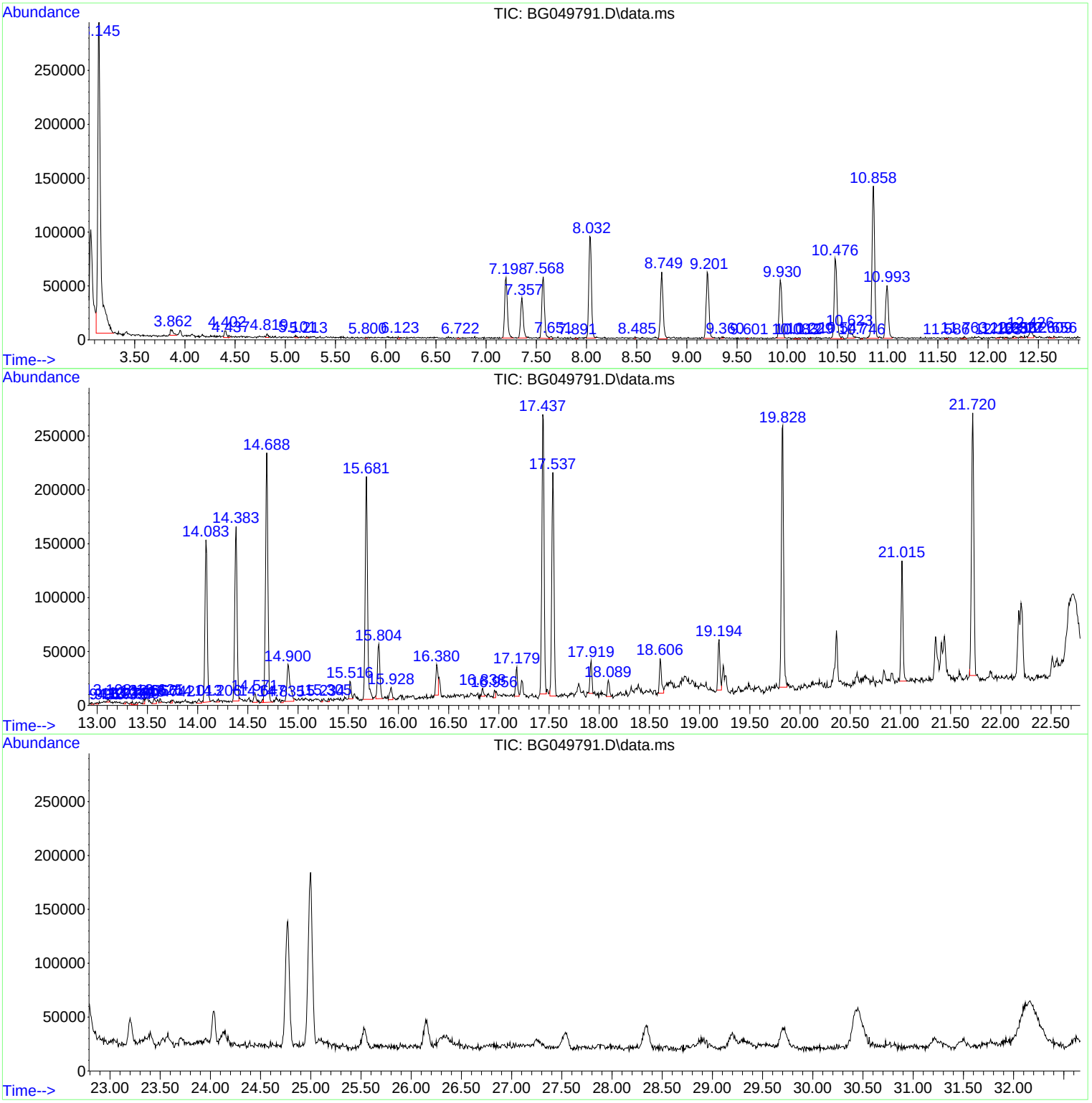
Acq On : 11 Aug 2021 16:10
Operator : CG/JU
Sample : M3286-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGAZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049791.D
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Sample : M3286-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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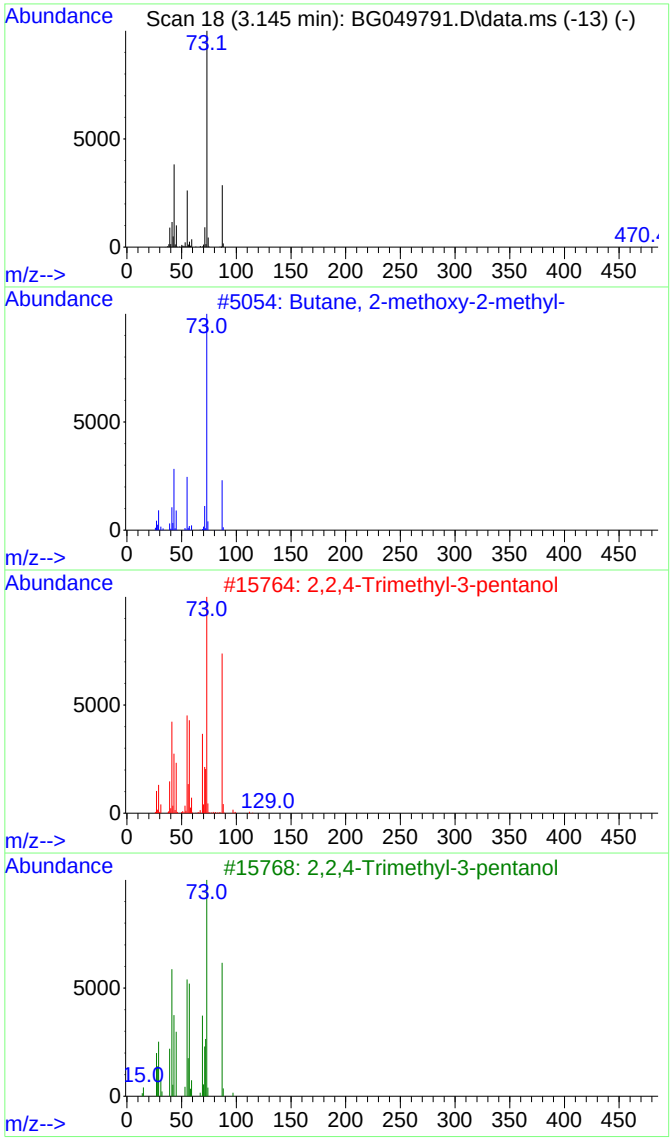
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

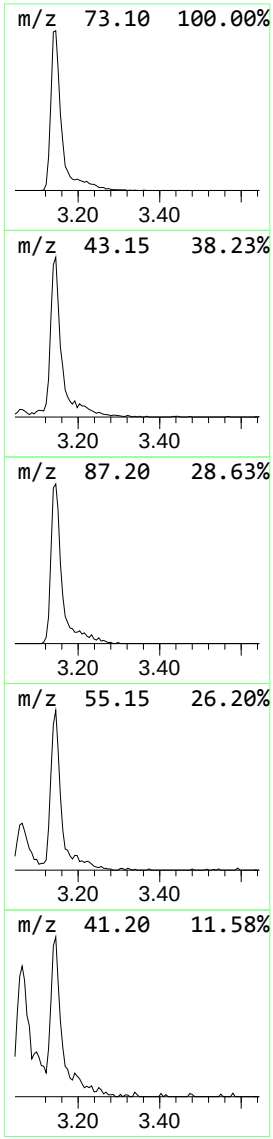
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.145	67.04 ng/ul	572859	1,4-Dichlorobenzene-d4	8.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25





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Data File : BG049791.D
Acq On : 11 Aug 2021 16:10
Operator : CG/JU
Sample : M3286-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGAZ9

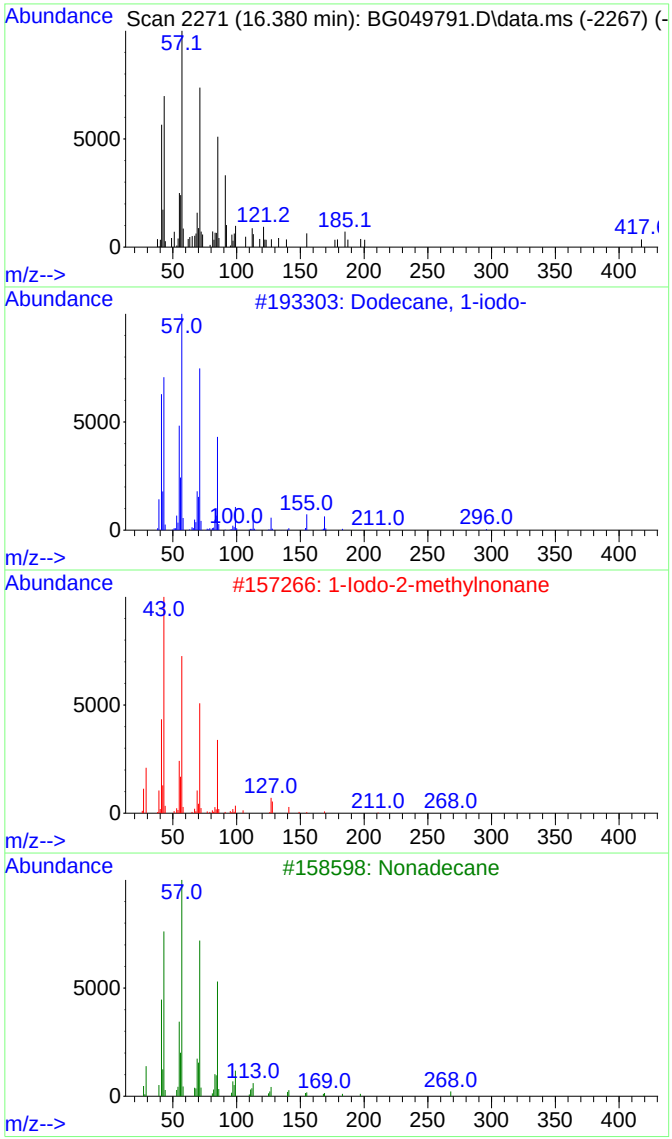
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

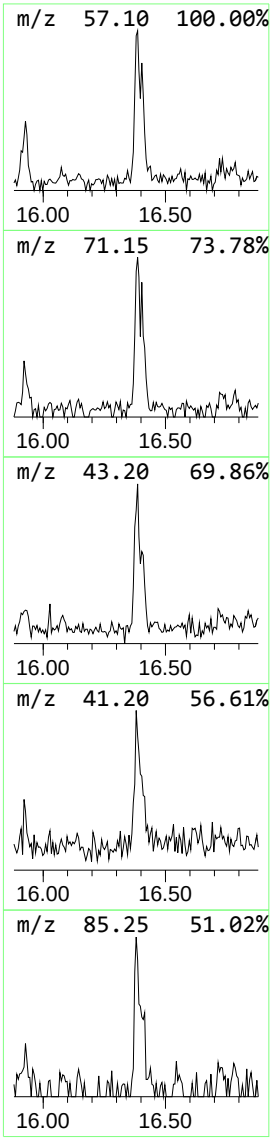
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.380	2.09 ng/ul	42463	Phenanthrene-d10	17.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3	Nonadecane	268	C19H40	000629-92-5	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049791.D
Acq On : 11 Aug 2021 16:10
Operator : CG/JU
Sample : M3286-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGAZ9

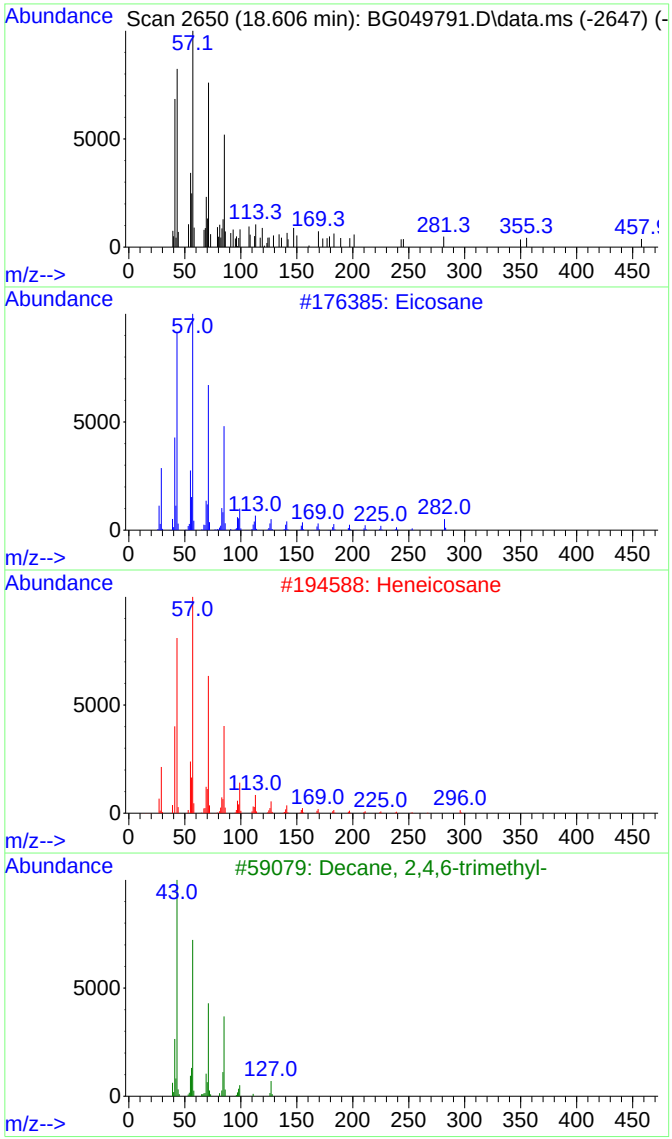
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

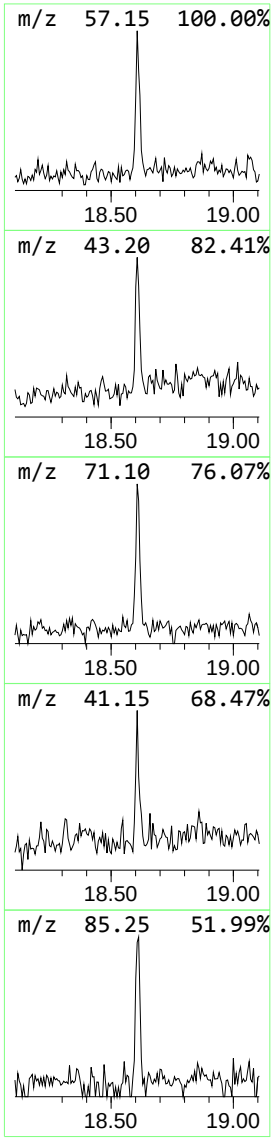
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.606	2.28 ng/ul	46193	Phenanthrene-d10	17.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	72
2	Heneicosane	296	C21H44	000629-94-7	64
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64
4	Octadecane	254	C18H38	000593-45-3	64
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

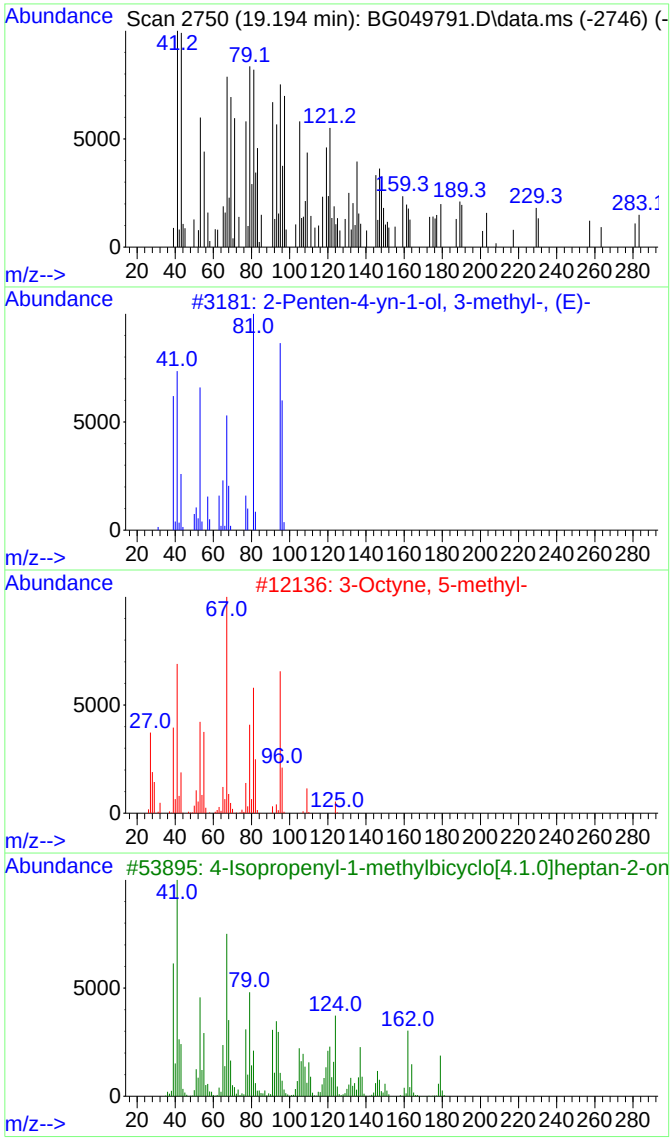
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

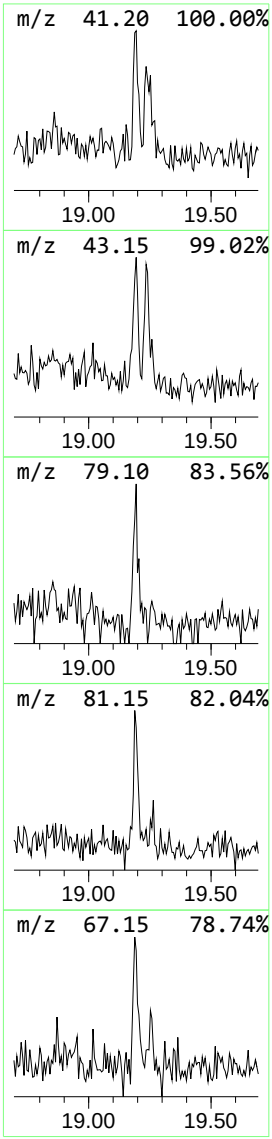
****

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.194	3.19 ng/ul	64750	Phenanthrene-d10	17.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Penten-4-yn-1-ol, 3-methyl-, (E)-	96	C6H8O	006153-06-6	43
2	3-Octyne, 5-methyl-	124	C9H16	062108-33-2	43
3	4-Isopropenyl-1-methylbicyclo[4....	179	C11H17NO	1010210-06-9	41
4	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	38
5	Cis-8-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-3	30





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Sample : M3286-02
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Instrument :
BNA_G
ClientSampleId :
BGAZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

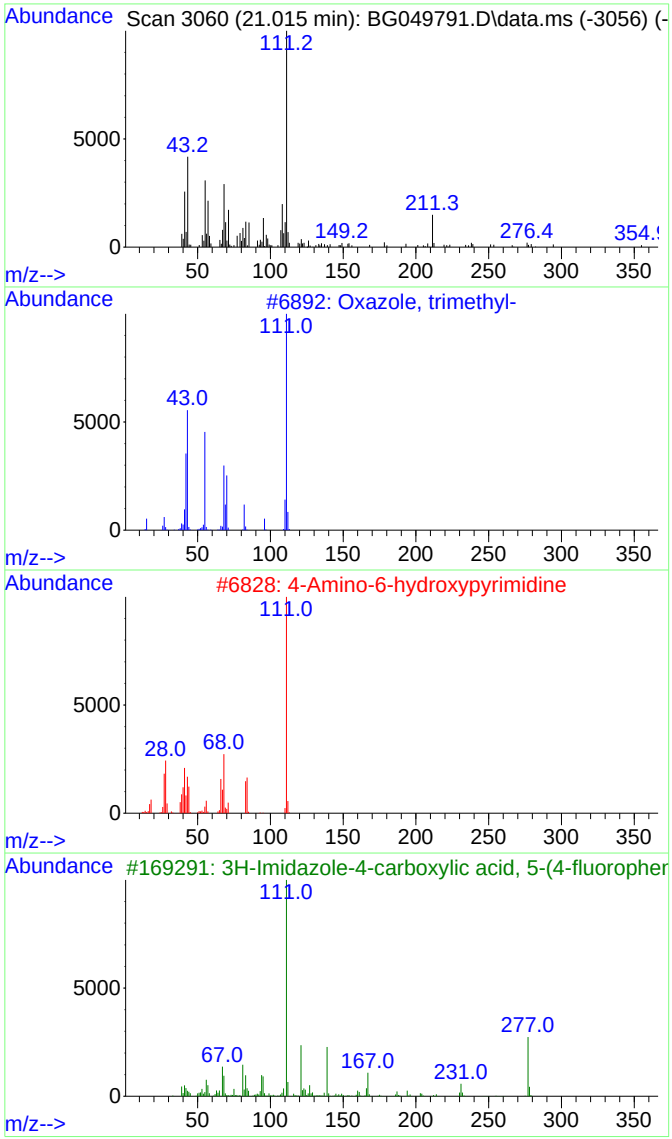
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

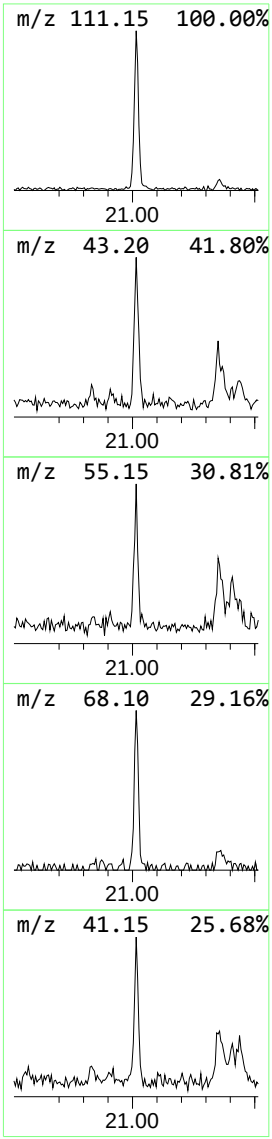
****

Peak Number 5 Oxazole, trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	7.35 ng/ul	144220	Chrysene-d12	21.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, trimethyl-	111	C6H9NO	020662-84-4	52
2	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	49
3	3H-Imidazole-4-carboxylic acid, ...	277	C13H12FN3O3	1000316-62-8	47
4	Acetamide, N-(4-fluorophenyl)-2-...	211	C10H10FNO3	1000307-09-0	47
5	3-Aminopyrazine 1-oxide	111	C4H5N3O	006863-77-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049791.D
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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGAZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.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
Butane, 2-metho...	3.145	67.0	ng/ul	572859	1	8.032	170896	20.0
Dodecane, 1-iodo-	16.380	2.1	ng/ul	42463	4	17.437	405398	20.0
(DEL) Alkane: S...	18.606	2.3	ng/ul	46193	4	17.437	405398	20.0
unknown-01	19.194	3.2	ng/ul	64750	4	17.437	405398	20.0
Oxazole, trimet...	21.015	7.3	ng/ul	144220	5	21.720	392525	20.0