LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050302.D
Acq On : 29 Sep 2021 2:29
Operator : CG/JU
Sample : M3755-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8

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-BG092521.M
Title : SVOA CALIBRATION

Signal : TIC: BG050302.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.659	23	29	37	rVB3	5106	10821	1.51%	0.123%
2	4.087	96	102	111	rBV	42107	85393	11.93%	0.973%
3	4.187	114	119	125	rVB4	4364	8272	1.16%	0.094%
4	4.317	135	141	147	rVV	9786	15154	2.12%	0.173%
5	4.369	147	150	154	rVB3	1101	1215	0.17%	0.014%
6	4.422	154	159	165	rBV2	2855	5146	0.72%	0.059%
7	4.992	251	256	258	rBV3	1324	2072	0.29%	0.024%
8	5.169	282	286	289	rBV3	1001	1268	0.18%	0.014%
9	5.233	295	297	299	rBV2	1219	1059	0.15%	0.012%
10	5.357	312	318	322	rBV2	4767	8508	1.19%	0.097%
11	5.445	332	333	337	rVB4	1327	1472	0.21%	0.017%
12	5.703	373	377	380	rBV3	912	1288	0.18%	0.015%
13	5.785	387	391	392	rBV2	1021	1066	0.15%	0.012%
14	6.261	470	472	476	rVB4	1356	1507	0.21%	0.017%
15	6.338	482	485	489	rBV2	1127	2274	0.32%	0.026%
16	7.413	660	668	678	rVB	97885	174116	24.32%	1.984%
17	7.601	692	700	708	rBV	71224	125716	17.56%	1.433%
18	7.807	727	735	743	rBV2	93862	165260	23.08%	1.883%
19	7.883	746	748	752	rVB	1573	1827	0.26%	0.021%
20	8.283	806	816	824	rBV	168095	297782	41.60%	3.394%
21	8.512	853	855	858	rVB3	1262	1012	0.14%	0.012%
22	8.970	926	933	943	rVB	109833	190846	26.66%	2.175%
23	9.111	953	957	963	rVB3	4648	7021	0.98%	0.080%
24	9.452	1007	1015	1023	rBV	90702	165322	23.09%	1.884%
25	9.604	1036	1041	1044	rBV4	2326	2896	0.40%	0.033%
26	9.710	1056	1059	1061	rBV	760	1054	0.15%	0.012%
27	10.180	1131	1139	1146	rBV2	64216	120031	16.77%	1.368%
28	10.715	1222	1230	1238	rVB	112733	202577	28.30%	2.309%
29	10.862	1249	1255	1261	rBV2	30454	51998	7.26%	0.593%
30	11.109	1289	1297	1305	rBV	229263	414440	57.89%	4.723%
31	11.232	1312	1318	1326	rVB	96738	179370	25.06%	2.044%
32	11.385	1339	1344	1348	rVB2	877	1579	0.22%	0.018%
33	11.632	1382	1386	1389	rBV3	2005	2761	0.39%	0.031%
34	12.566	1540	1545	1549	rVB4	1712	2393	0.33%	0.027%
35	12.677	1560	1564	1568	rVB4	1995	2996	0.42%	0.034%
36	12.736	1571	1574	1578	rBV2	1179	1586	0.22%	0.018%

LSC Area Percent Report

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Sample : M3755-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8

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-BG092521.M
Title : SVOA CALIBRATION

37	12.907	1599	1603	1605	rVB2	803	1041	0.15%	0.012%
38	12.965	1610	1613	1615	rBV	785	967	0.14%	0.011%
39	13.259	1659	1663	1667	rBV3	950	1203	0.17%	0.014%
40	13.359	1676	1680	1683	rVB2	896	1034	0.14%	0.012%
41	13.506	1701	1705	1707	rBV3	1915	2611	0.36%	0.030%
42	13.700	1735	1738	1740	rBV	1328	1402	0.20%	0.016%
43	13.770	1746	1750	1755	rBV3	3106	5248	0.73%	0.060%
44	13.911	1772	1774	1777	rVB3	865	966	0.13%	0.011%
45	13.946	1777	1780	1781	rBV2	922	1012	0.14%	0.012%
46	14.293	1832	1839	1846	rVB	217999	308906	43.15%	3.520%
47	14.516	1874	1877	1883	rVB4	1198	1986	0.28%	0.023%
48	14.593	1883	1890	1899	rVB	232043	376357	52.57%	4.289%
49	14.898	1935	1942	1949	rBV	378493	583976	81.57%	6.655%
50	15.057	1963	1969	1975	rBV2	34060	54953	7.68%	0.626%
51	15.292	2006	2009	2014	rVB4	2735	3625	0.51%	0.041%
52	15.368	2017	2022	2024	rBV3	1225	1533	0.21%	0.017%
53	15.456	2034	2037	2040	rVB3	892	942	0.13%	0.011%
54	15.674	2071	2074	2075	rBV2	1182	1187	0.17%	0.014%
55	15.885	2103	2110	2116	rVB	311601	468128	65.39%	5.335%
56	15.985	2121	2127	2134	rBV2	28034	39760	5.55%	0.453%
57	16.126	2148	2151	2154	rVB3	2552	3018	0.42%	0.034%
58	16.232	2167	2169	2173	rBV2	852	1130	0.16%	0.013%
59	16.438	2200	2204	2206	rVB3	1174	1259	0.18%	0.014%
60	16.714	2247	2251	2254	rBV4	866	1262	0.18%	0.014%
61	16.743	2254	2256	2260	rBV4	948	1531	0.21%	0.017%
62	16.878	2277	2279	2285	rBV3	1235	2420	0.34%	0.028%
63	16.931	2285	2288	2291	rVV3	1413	1562	0.22%	0.018%
64	16.978	2294	2296	2299	rVB2	1154	1022	0.14%	0.012%
65	17.019	2301	2303	2306	rVB3	1466	1542	0.22%	0.018%
66	17.084	2312	2314	2318	rBV2	1280	1661	0.23%	0.019%
67	17.313	2351	2353	2354	rBV2	1223	1059	0.15%	0.012%
68	17.372	2361	2363	2366	rBV2	1360	1578	0.22%	0.018%
69	17.425	2369	2372	2378	rVV4	2088	3642	0.51%	0.042%
70	17.531	2388	2390	2392	rVB2	1581	1071	0.15%	0.012%
71	17.642	2402	2409	2415	rBV	457911	704601	98.42%	8.030%
72	17.742	2420	2426	2434	rVB	310065	504955	70.53%	5.755%
73	17.989	2466	2468	2473	rBV4	2328	2591	0.36%	0.030%
74	18.288	2515	2519	2522	rBV4	7543	9212	1.29%	0.105%
75	18.500	2550	2555	2563	rBV2	48129	77700	10.85%	0.886%
76	18.682	2584	2586	2587	rBV	2972	2443	0.34%	0.028%

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AJ8

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-BG092521.M
Title : SVOA CALIBRATION

77	19.681	2752	2756	2762	rVB	39268	53400	7.46%	0.609%
78	19.763	2767	2770	2774	rBV4	28046	35357	4.94%	0.403%
79	20.016	2807	2813	2823	rBV	442731	711497	99.38%	8.109%
80	21.555	3072	3075	3082	rVB	139801	197156	27.54%	2.247%
81	21.949	3136	3142	3149	rVB	403258	707076	98.77%	8.058%
82	22.789	3282	3285	3290	rVB2	85866	128686	17.98%	1.467%
83	23.048	3325	3329	3336	rVB	119649	229670	32.08%	2.617%
84	25.151	3680	3687	3696	rVB	200692	554653	77.48%	6.321%
85	25.386	3722	3727	3743	rVB	240149	715905	100.00%	8.159%

Sum of corrected areas: 8774594

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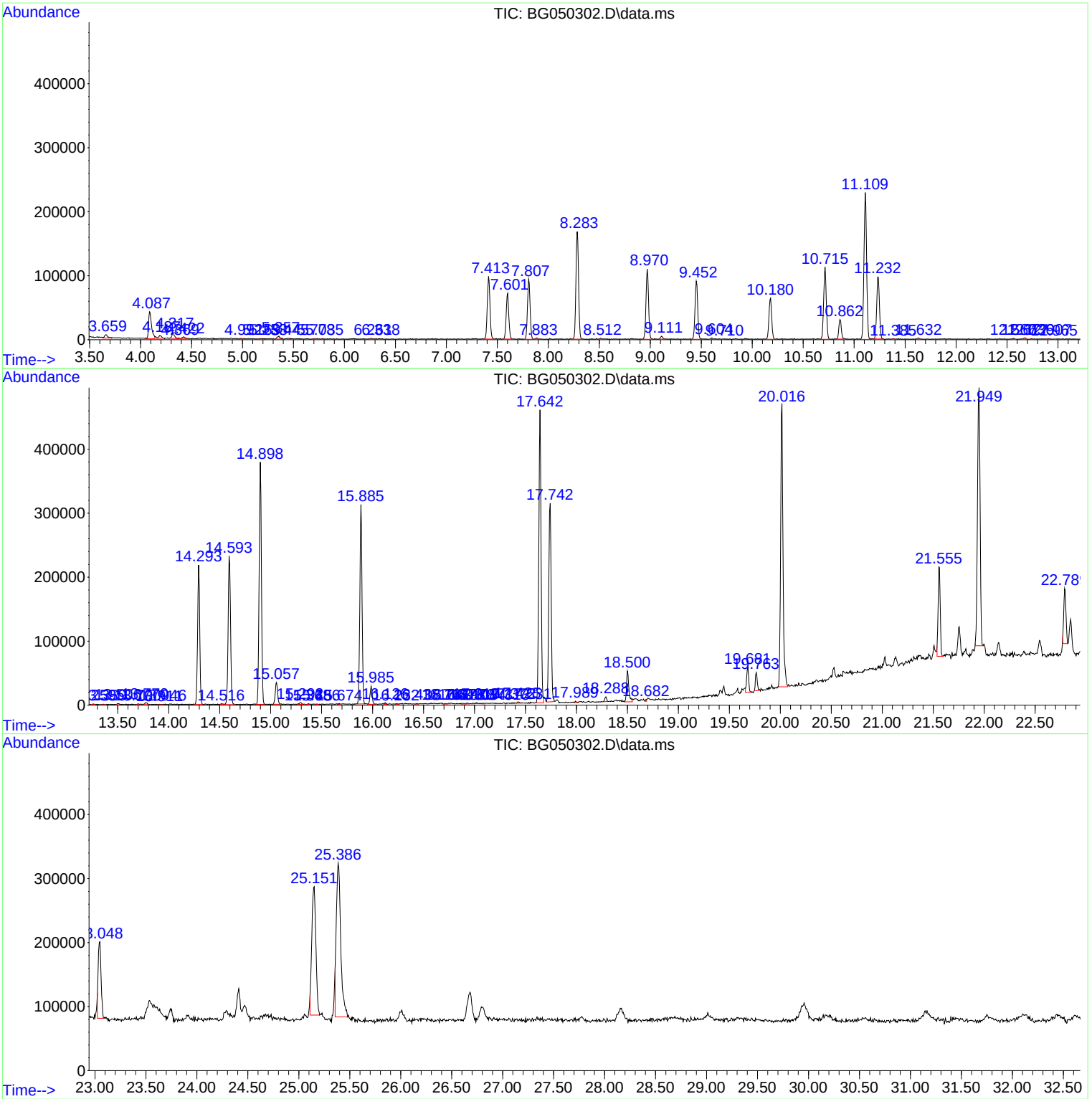
Instrument :
BNA_G
ClientSampleId :
C0AJ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050302.D
Acq On : 29 Sep 2021 2:29
Operator : CG/JU
Sample : M3755-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8

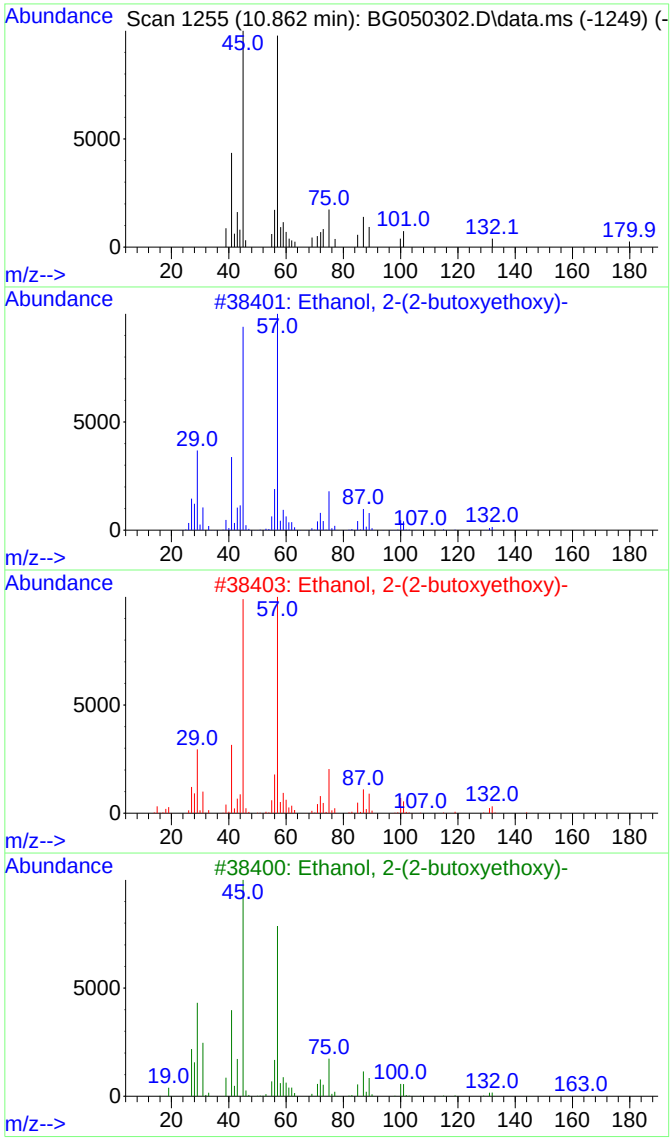
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

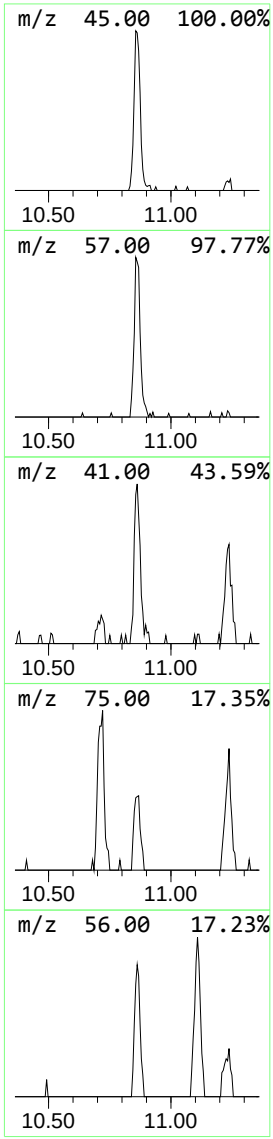
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.862	2.51 ng/ul	51998	Naphthalene-d8	11.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	59
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050302.D
Acq On : 29 Sep 2021 2:29
Operator : CG/JU
Sample : M3755-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

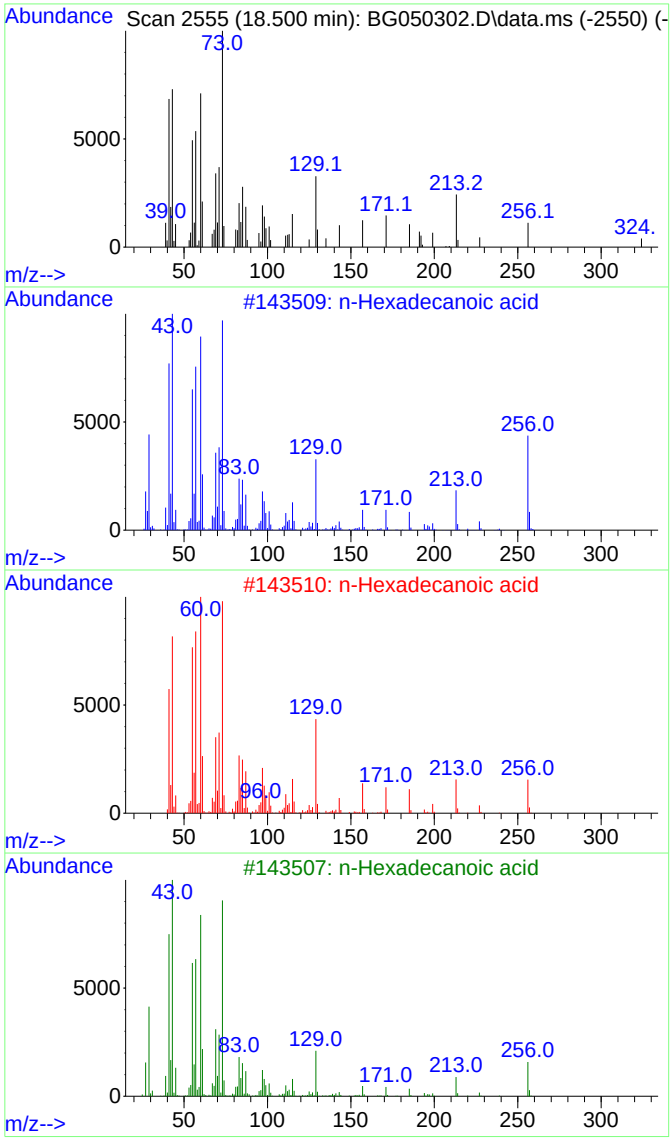
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

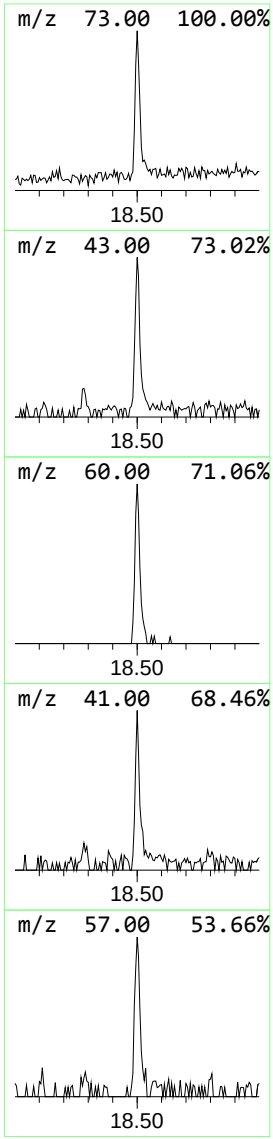
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	2.21 ng/ul	77700	Phenanthrene-d10	17.642

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050302.D
Acq On : 29 Sep 2021 2:29
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ8

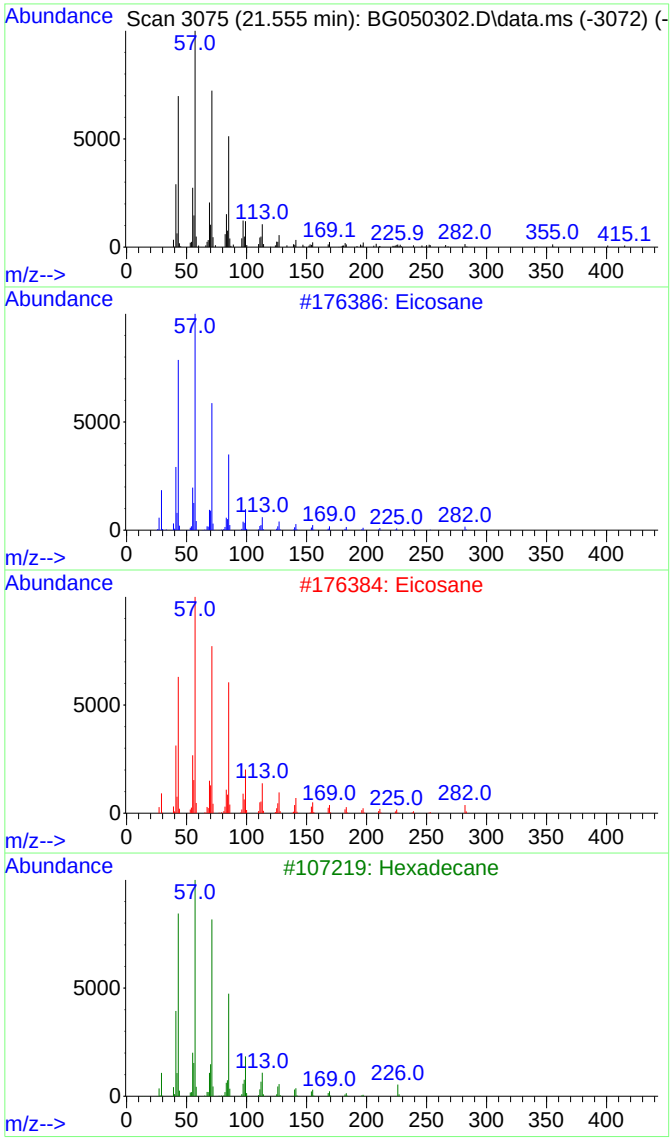
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

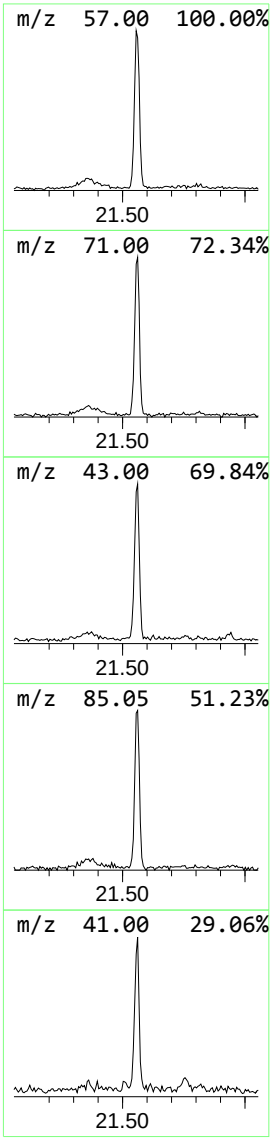
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.555	5.58 ng/ul	197156	Chrysene-d12	21.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Nonadecane	268	C19H40	000629-92-5	87
5	Octadecane	254	C18H38	000593-45-3	87





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8

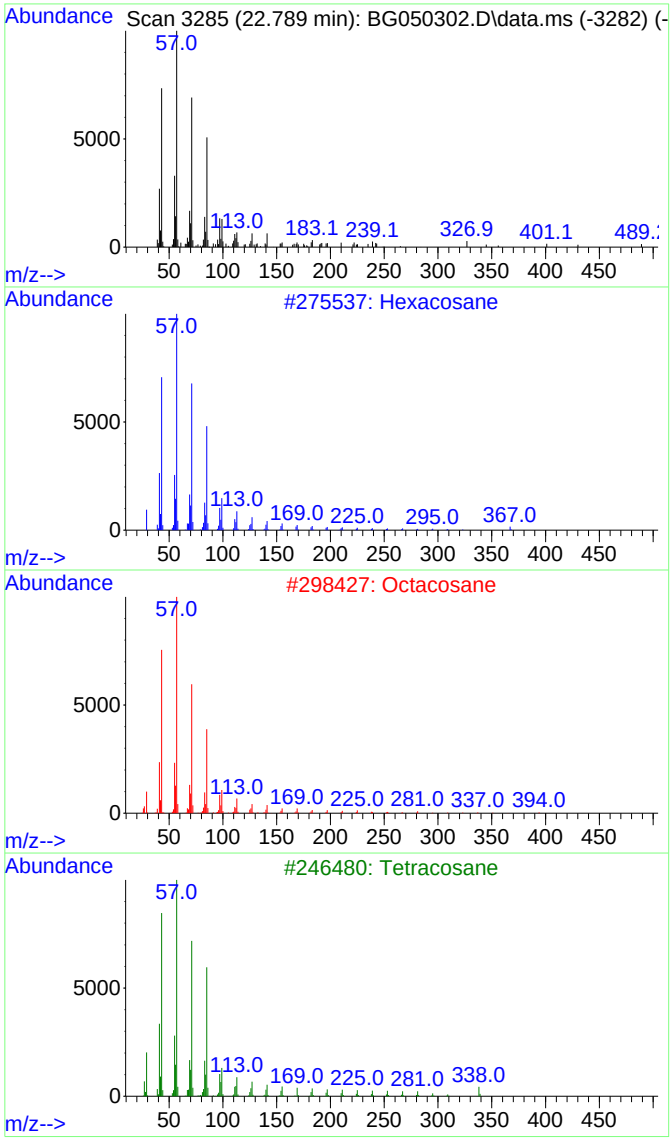
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

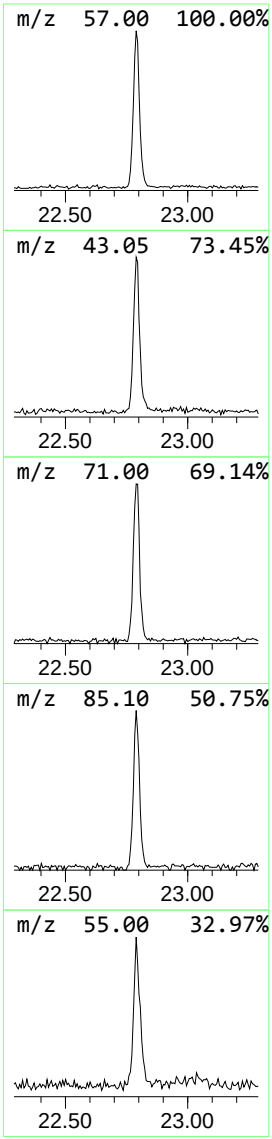
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.789	3.64 ng/ul	128686	Chrysene-d12	21.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Instrument : BNA_G
ClientSampleId : C0AJ8

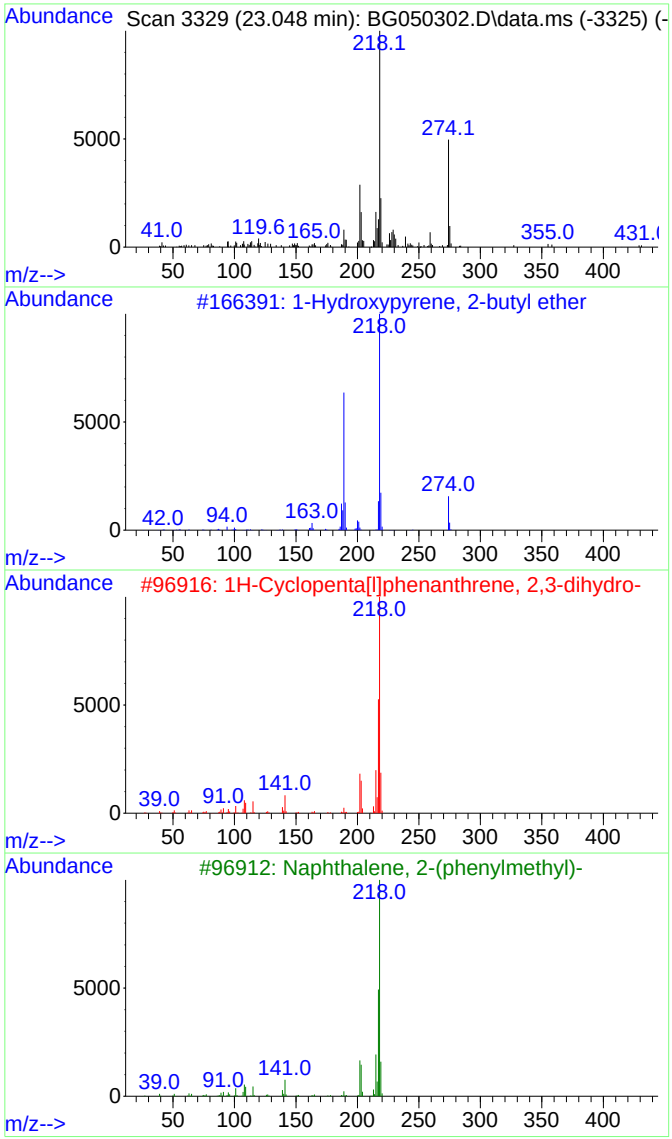
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

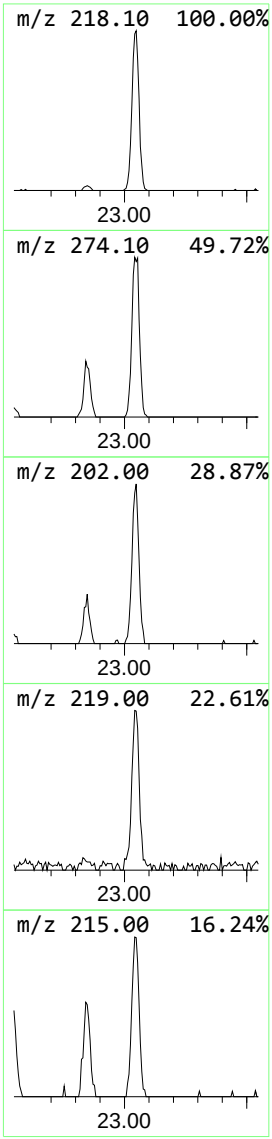
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Hydroxypyrene, 2-butyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.048	6.50 ng/ul	229670	Chrysene-d12	21.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxypyrene, 2-butyl ether	274	C20H18O	1000453-43-3	70
2	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	49
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49
4	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	46
5	6-quinolinamine, 1-ethyl-1,2,3,4...	218	C14H22N2	1000396-22-7	43





Tentatively Identified Compound (LSC) summary

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.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
Ethanol, 2-(2-b...	10.862	2.5	ng/ul	51998	2	11.109	414440	20.0
n-Hexadecanoic ...	18.500	2.2	ng/ul	77700	4	17.642	704601	20.0
(DEL) Alkane: S...	21.555	5.6	ng/ul	197156	5	21.949	707076	20.0
(DEL) Alkane: S...	22.789	3.6	ng/ul	128686	5	21.949	707076	20.0
1-Hydroxypyrene...	23.048	6.5	ng/ul	229670	5	21.949	707076	20.0