LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
Data File : BG051292.D
Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

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-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051292.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.529	3	7	15	rVB2	7647	12860	1.37%	0.116%
2	3.964	76	81	97	rBV	89603	172099	18.37%	1.552%
3	4.193	114	120	125	rVB4	2007	4537	0.48%	0.041%
4	4.305	134	139	144	rVB4	3899	5444	0.58%	0.049%
5	5.656	364	369	377	rVB	24394	38867	4.15%	0.350%
6	5.791	386	392	405	rVB	64354	128830	13.75%	1.162%
7	6.167	451	456	463	rVV	22462	36389	3.88%	0.328%
8	7.260	636	642	648	rVB	4983	7549	0.81%	0.068%
9	7.354	648	658	672	rBV2	142273	390618	41.69%	3.522%
10	7.507	675	684	691	rBV	104664	184276	19.67%	1.662%
11	7.595	696	699	705	rVB3	4007	4892	0.52%	0.044%
12	7.724	714	721	727	rBV	127939	229780	24.53%	2.072%
13	7.771	727	729	733	rVV3	7349	12372	1.32%	0.112%
14	7.824	733	738	745	rVB	15132	26913	2.87%	0.243%
15	8.189	794	800	812	rVV	97277	169876	18.13%	1.532%
16	8.294	812	818	823	rVB5	3945	8330	0.89%	0.075%
17	8.418	834	839	844	rBV2	5593	12028	1.28%	0.108%
18	8.565	858	864	870	rBV6	3418	5700	0.61%	0.051%
19	8.641	872	877	885	rVB3	11415	20507	2.19%	0.185%
20	8.735	885	893	899	rBV5	3267	6844	0.73%	0.062%
21	8.905	915	922	929	rVV	172649	317510	33.89%	2.863%
22	8.970	929	933	939	rVV3	17810	39003	4.16%	0.352%
23	9.017	939	941	948	rVV4	3457	5923	0.63%	0.053%
24	9.099	949	955	967	rVB6	4313	10020	1.07%	0.090%
25	9.369	993	1001	1013	rVB	138846	248637	26.54%	2.242%
26	9.516	1021	1026	1041	rBV3	24185	70537	7.53%	0.636%
27	9.622	1041	1044	1051	rVB5	2958	5905	0.63%	0.053%
28	9.957	1096	1101	1110	rVB4	3173	7288	0.78%	0.066%
29	10.039	1111	1115	1118	rBV3	2698	3587	0.38%	0.032%
30	10.092	1118	1124	1133	rVB	112119	211572	22.58%	1.908%
31	10.180	1133	1139	1143	rBV3	9661	19870	2.12%	0.179%
32	10.433	1177	1182	1184	rBV3	6743	10556	1.13%	0.095%
33	10.492	1189	1192	1199	rVB3	6968	11931	1.27%	0.108%
34	10.644	1211	1218	1232	rBV	171251	323051	34.48%	2.913%
35	10.762	1232	1238	1251	rVV	39688	80874	8.63%	0.729%
36	10.885	1255	1259	1265	rVV4	5641	11365	1.21%	0.102%

LSC Area Percent Report

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Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

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-BG112321.M
Title : SVOA CALIBRATION

37	11.015	1272	1281	1286	rBV	143196	264664	28.25%	2.386%
38	11.067	1286	1290	1297	rVV	73544	127129	13.57%	1.146%
39	11.156	1297	1305	1321	rVB	273225	524644	56.00%	4.731%
40	11.855	1416	1424	1431	rBV4	12378	25823	2.76%	0.233%
41	11.955	1436	1441	1446	rBV4	3511	7097	0.76%	0.064%
42	12.031	1451	1454	1458	rVV3	3373	5632	0.60%	0.051%
43	12.090	1460	1464	1469	rVV4	2325	4539	0.48%	0.041%
44	12.201	1477	1483	1492	rVB	5406	9910	1.06%	0.089%
45	12.401	1512	1517	1524	rVB4	2396	4489	0.48%	0.040%
46	12.589	1544	1549	1555	rVB2	2875	5065	0.54%	0.046%
47	12.666	1555	1562	1571	rBV2	42488	78102	8.34%	0.704%
48	12.777	1576	1581	1589	rVV	22947	41524	4.43%	0.374%
49	12.877	1592	1598	1606	rVV	18696	31720	3.39%	0.286%
50	12.965	1606	1613	1617	rVV3	1938	4198	0.45%	0.038%
51	13.071	1621	1631	1636	rVV2	4168	7907	0.84%	0.071%
52	13.218	1652	1656	1658	rBV2	3292	4345	0.46%	0.039%
53	13.259	1658	1663	1671	rVV3	15262	32706	3.49%	0.295%
54	13.659	1727	1731	1734	rVV2	2886	4255	0.45%	0.038%
55	13.741	1741	1745	1751	rBV	2606	4758	0.51%	0.043%
56	13.999	1780	1789	1793	rBV5	5692	14166	1.51%	0.128%
57	14.134	1802	1812	1814	rBV5	6085	12768	1.36%	0.115%
58	14.176	1814	1819	1821	rVV3	21020	35317	3.77%	0.318%
59	14.217	1821	1826	1836	rVB	332104	488892	52.18%	4.408%
60	14.346	1843	1848	1852	rBV2	3419	6012	0.64%	0.054%
61	14.522	1871	1878	1887	rVB	371566	593612	63.36%	5.353%
62	14.822	1923	1929	1936	rVV	243130	379062	40.46%	3.418%
63	14.887	1936	1940	1946	rVB3	2488	4655	0.50%	0.042%
64	15.045	1960	1967	1988	rVV2	100049	223971	23.91%	2.020%
65	15.227	1994	1998	2003	rVB4	3597	6029	0.64%	0.054%
66	15.580	2053	2058	2061	rBV2	5152	7349	0.78%	0.066%
67	15.621	2061	2065	2075	rVB	15347	29401	3.14%	0.265%
68	15.815	2091	2098	2105	rBV2	493455	789338	84.25%	7.118%
69	15.944	2115	2120	2131	rVV	117478	185557	19.81%	1.673%
70	16.256	2170	2173	2177	rVV5	2519	4026	0.43%	0.036%
71	16.367	2187	2192	2195	rBV3	3000	3643	0.39%	0.033%
72	16.673	2240	2244	2249	rBV7	3748	6244	0.67%	0.056%
73	17.572	2391	2397	2405	rBV	289750	453585	48.41%	4.090%
74	17.672	2407	2414	2421	rVV2	530794	793100	84.65%	7.151%
75	17.748	2424	2427	2430	rVB3	4461	5432	0.58%	0.049%
76	17.865	2442	2447	2449	rBV3	6914	12562	1.34%	0.113%

LSC Area Percent Report

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Data File : BG051292.D
Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

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-BG112321.M
Title : SVOA CALIBRATION

77	18.200	2499	2504	2508	rBV5	6650	10494	1.12%	0.095%
78	19.364	2699	2702	2707	rVB5	6875	10294	1.10%	0.093%
79	19.516	2725	2728	2733	rVB5	7923	11696	1.25%	0.105%
80	19.587	2736	2740	2745	rVB	7328	10770	1.15%	0.097%
81	19.675	2750	2755	2765	rVB9	5972	17060	1.82%	0.154%
82	19.951	2796	2802	2818	rBV	604721	936908	100.00%	8.448%
83	20.709	2924	2931	2932	rBV6	6974	12629	1.35%	0.114%
84	20.838	2946	2953	2957	rVB4	18849	27235	2.91%	0.246%
85	21.473	3056	3061	3070	rBV9	9007	26305	2.81%	0.237%
86	21.714	3098	3102	3106	rBV7	4946	7447	0.79%	0.067%
87	21.790	3114	3115	3118	rBV3	2806	3444	0.37%	0.031%
88	21.872	3122	3129	3136	rVB	265934	464459	49.57%	4.188%
89	22.013	3151	3153	3159	rVB7	4206	6909	0.74%	0.062%
90	22.648	3257	3261	3267	rVB9	4856	6581	0.70%	0.059%
91	23.365	3379	3383	3393	rVB8	9267	19531	2.08%	0.176%
92	23.565	3414	3417	3426	rVB4	12091	22470	2.40%	0.203%
93	24.205	3522	3526	3535	rVB5	11264	22043	2.35%	0.199%
94	25.033	3656	3667	3678	rBV2	278534	803735	85.79%	7.247%
95	25.268	3688	3707	3720	rVB2	145219	496139	52.95%	4.474%
96	26.385	3890	3897	3905	rBV5	13390	34705	3.70%	0.313%
97	27.813	4134	4140	4141	rBV6	8192	13819	1.47%	0.125%
98	29.152	4366	4368	4373	rBV6	1776	3779	0.40%	0.034%
99	29.534	4429	4433	4434	rBV3	4719	5369	0.57%	0.048%
100	31.620	4782	4788	4795	rVB3	5045	16664	1.78%	0.150%

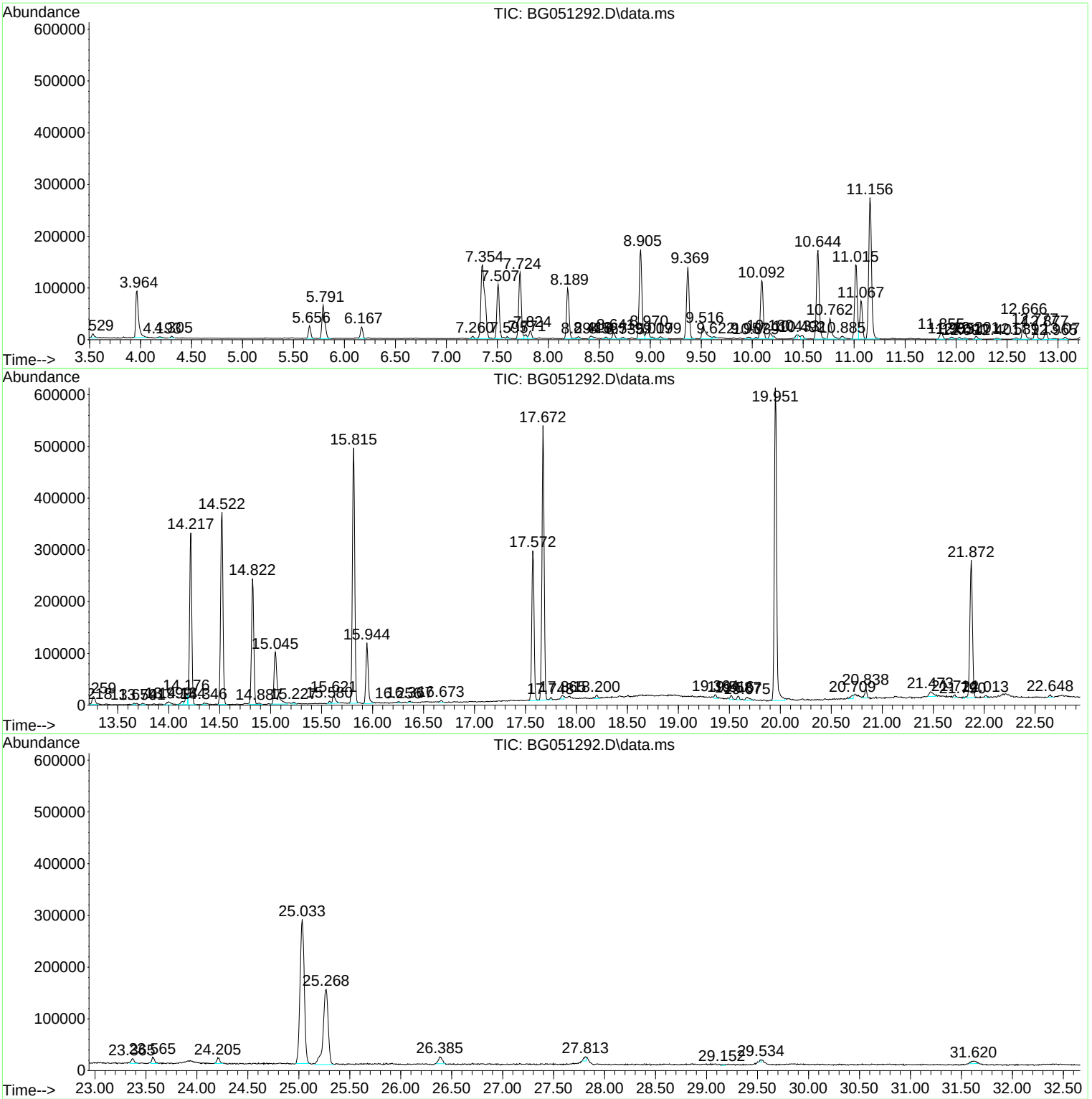
Sum of corrected areas: 11090053

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
Data File : BG051292.D
Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
Data File : BG051292.D
Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

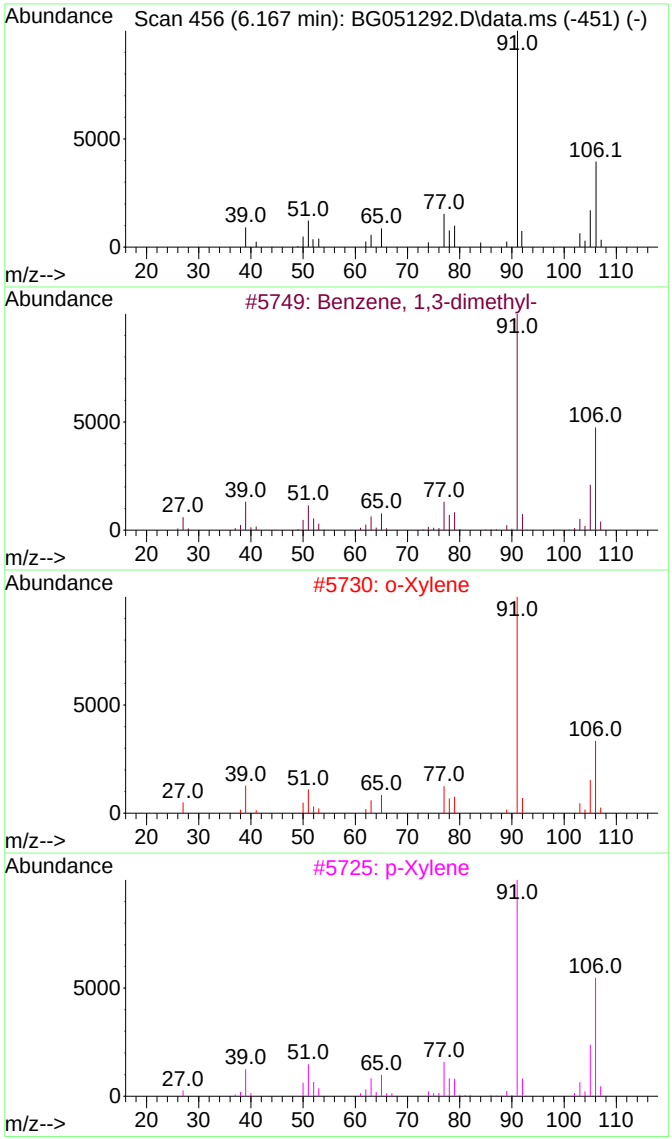
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

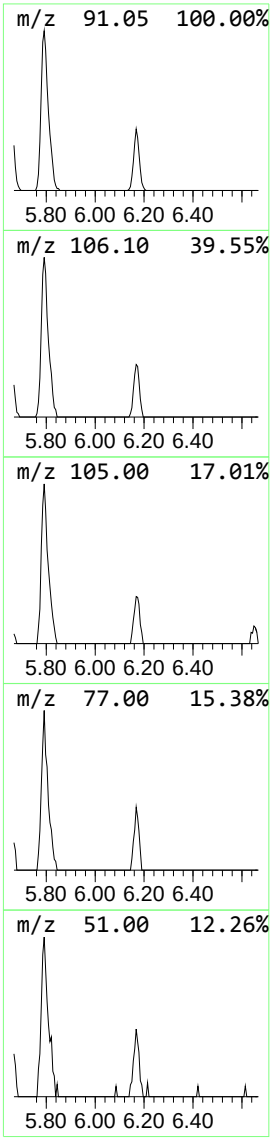
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.167	4.28 ng/ul	36389	1,4-Dichlorobenzene-d4	8.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	p-Xylene	106	C8H10	000106-42-3	94
4	o-Xylene	106	C8H10	000095-47-6	94
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
Data File : BG051292.D
Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

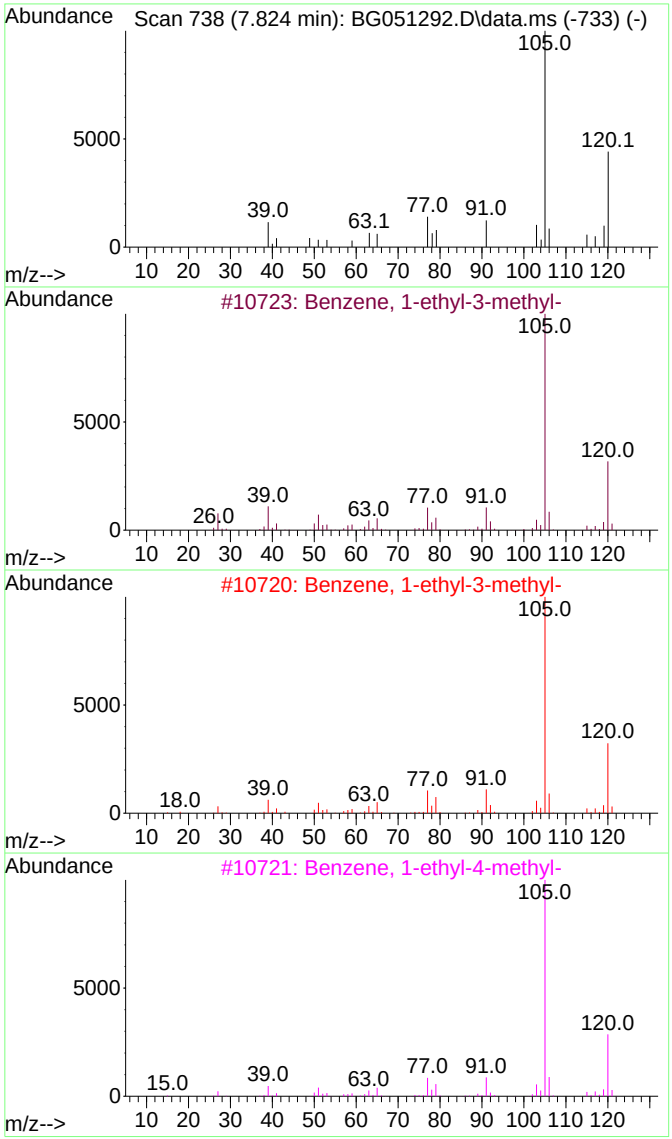
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

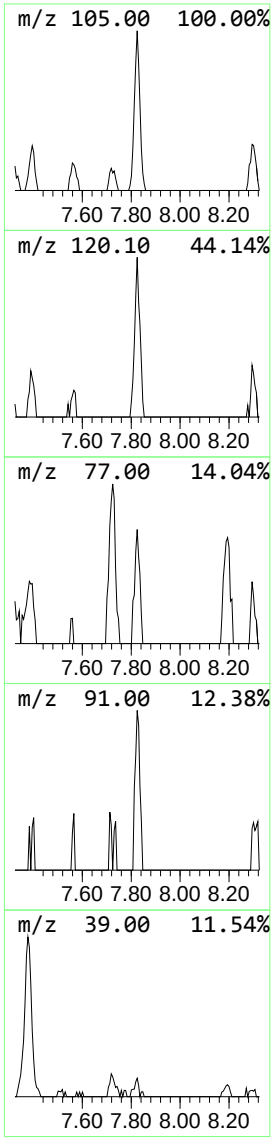
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.824	3.17 ng/ul	26913	1,4-Dichlorobenzene-d4	8.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
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Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

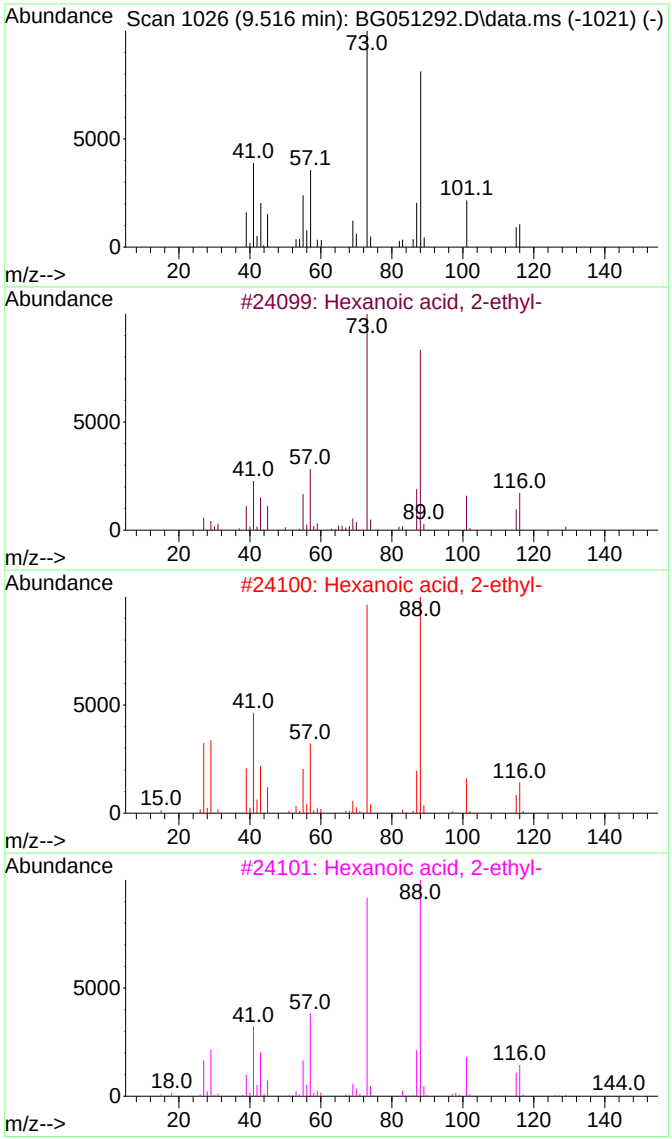
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

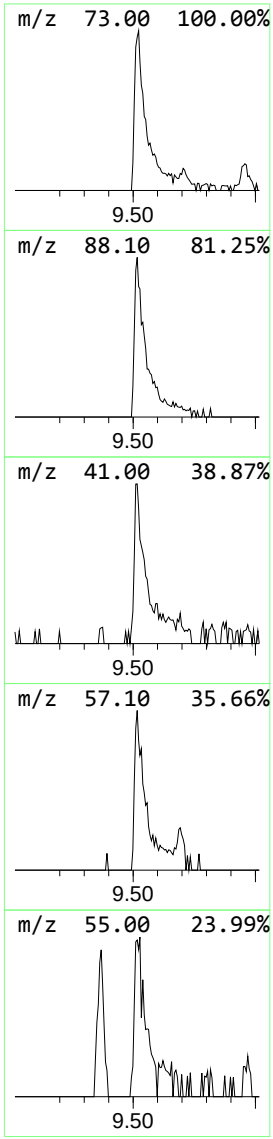
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	8.30 ng/ul	70537	1,4-Dichlorobenzene-d4	8.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64





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Data File : BG051292.D
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Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

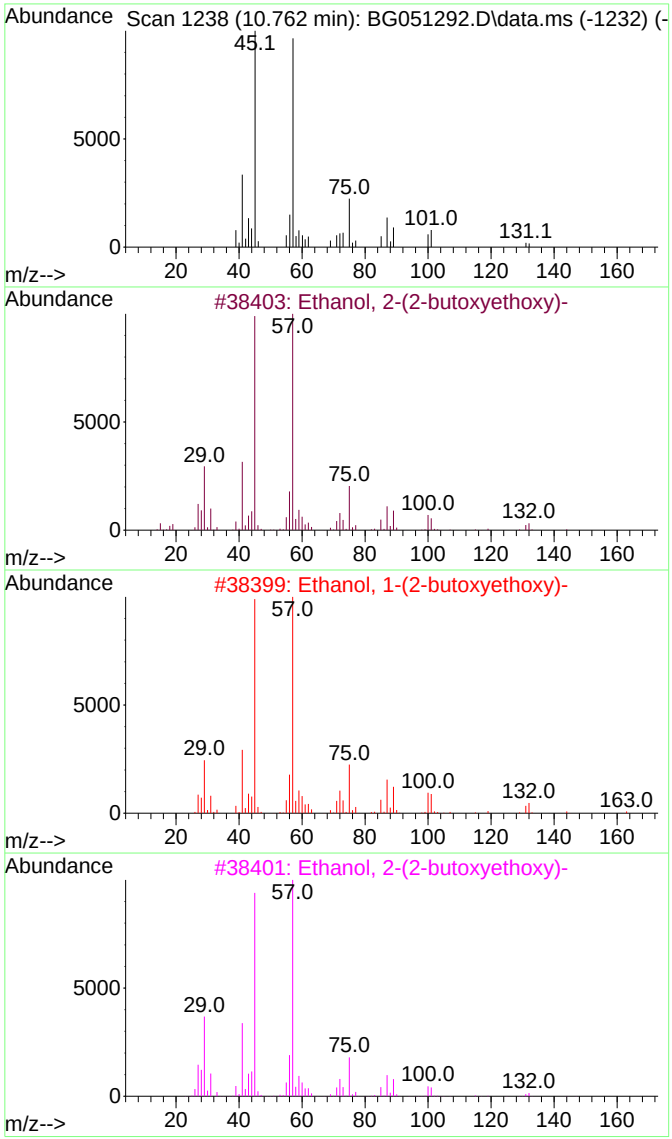
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

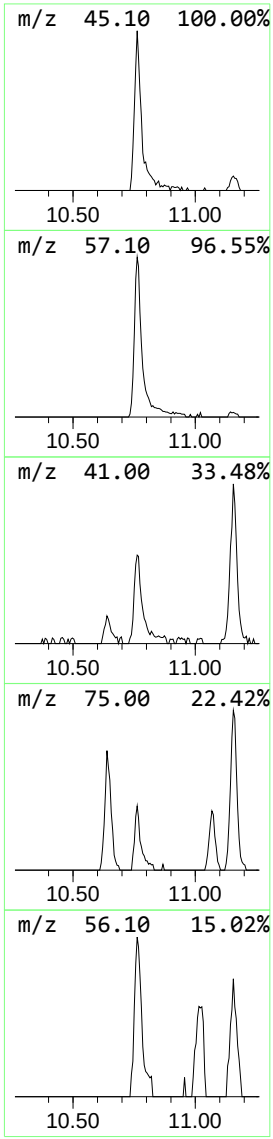
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	6.11 ng/ul	80874	Naphthalene-d8	11.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	86
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
Data File : BG051292.D
Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

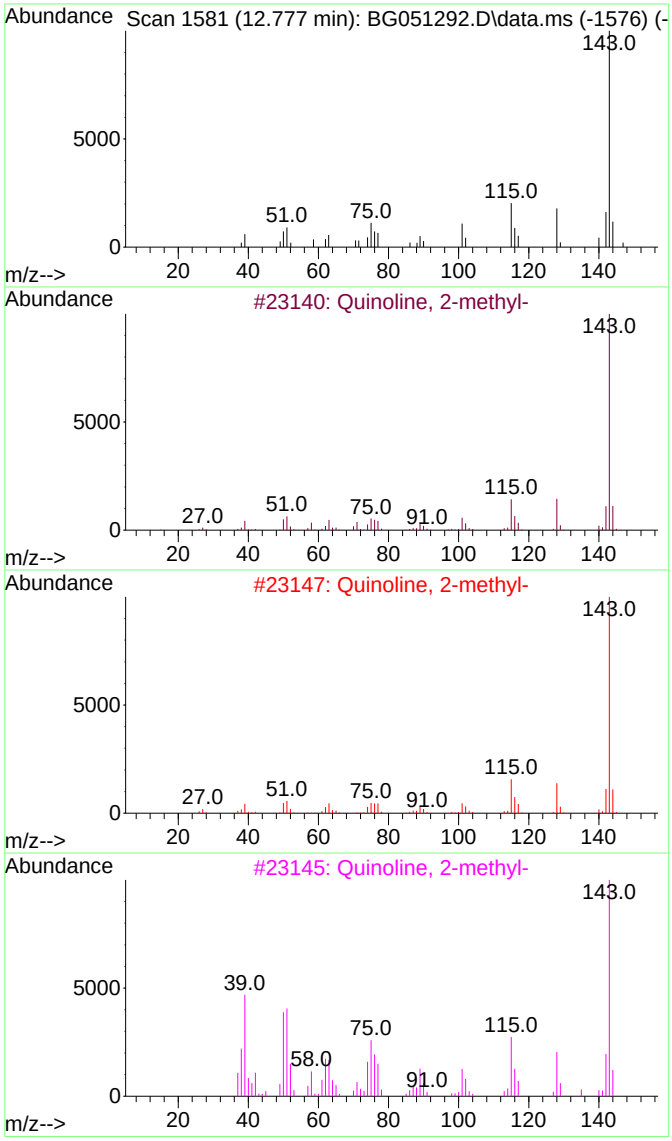
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

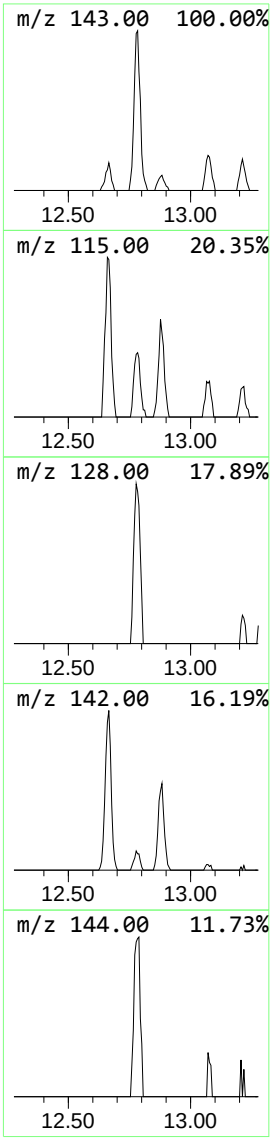
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Quinoline, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.777	3.14 ng/ul	41524	Naphthalene-d8	11.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	91
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	91
3	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	90
4	Quinolinium, 1,4-dimethyl-, iodide	285	C11H12IN	016859-86-2	86
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
Data File : BG051292.D
Acq On : 1 Dec 2021 19:29
Operator : CG/JU
Sample : M4868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKN9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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
Benzene, 1,3-di...	6.167	4.3	ng/ul	36389	1	8.188	169876	20.0
Benzene, 1-ethy...	7.824	3.2	ng/ul	26913	1	8.188	169876	20.0
Hexanoic acid, ...	9.516	8.3	ng/ul	70537	1	8.188	169876	20.0
Ethanol, 2-(2-b...	10.762	6.1	ng/ul	80874	2	11.015	264664	20.0
Quinoline, 2-me...	12.777	3.1	ng/ul	41524	2	11.015	264664	20.0