LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007478.D
Acq On : 18 Oct 2021 23:09
Operator : CG/JU
Sample : M4204-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGG4

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_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

Signal : TIC: BP007478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	3	6	24	rVB	5034989	6766202	100.00%	10.296%
2	3.381	46	50	55	rVB	51861	68916	1.02%	0.105%
3	3.799	119	121	132	rBV	114019	178421	2.64%	0.272%
4	4.040	156	162	167	rBV	30676	48734	0.72%	0.074%
5	4.134	174	178	182	rVB	11782	15504	0.23%	0.024%
6	4.228	189	194	199	rBV3	13894	21978	0.32%	0.033%
7	5.058	331	335	339	rVB4	6073	7256	0.11%	0.011%
8	6.334	547	552	559	rVB4	12369	20697	0.31%	0.031%
9	7.110	678	684	693	rVB	179303	290124	4.29%	0.441%
10	7.281	706	713	725	rBV	648781	1027576	15.19%	1.564%
11	7.487	738	748	756	rBV	639704	1020727	15.09%	1.553%
12	7.599	761	767	771	rBV9	3655	7317	0.11%	0.011%
13	7.957	821	828	835	rBV	728802	1148624	16.98%	1.748%
14	8.210	868	871	878	rVB9	4455	7639	0.11%	0.012%
15	8.522	919	924	930	rBV10	3597	7570	0.11%	0.012%
16	8.657	940	947	957	rBV	525281	835157	12.34%	1.271%
17	9.110	1017	1024	1033	rBV	771525	1251376	18.49%	1.904%
18	9.357	1037	1066	1088	rBV	1302969	5775842	85.36%	8.789%
19	9.587	1099	1105	1115	rVB	41861	78188	1.16%	0.119%
20	9.840	1140	1148	1159	rBV	573719	949584	14.03%	1.445%
21	10.028	1170	1180	1187	rBV	213663	479495	7.09%	0.730%
22	10.093	1187	1191	1206	rVV2	41525	87452	1.29%	0.133%
23	10.381	1231	1240	1251	rBV	893002	1518707	22.45%	2.311%
24	10.546	1264	1268	1276	rVB2	12870	21772	0.32%	0.033%
25	10.763	1296	1305	1315	rBV	952426	1609929	23.79%	2.450%
26	10.893	1317	1327	1335	rBV	793138	1382154	20.43%	2.103%
27	11.028	1345	1350	1355	rBV	34272	58777	0.87%	0.089%
28	11.081	1356	1359	1365	rVB7	7870	13018	0.19%	0.020%
29	11.193	1370	1378	1385	rVB4	47141	108288	1.60%	0.165%
30	11.287	1389	1394	1397	rBV7	6288	9561	0.14%	0.015%
31	11.340	1397	1403	1410	rBV4	22692	53945	0.80%	0.082%
32	11.528	1431	1435	1438	rBV5	8865	14358	0.21%	0.022%
33	11.581	1438	1444	1446	rVV3	55576	101835	1.51%	0.155%
34	11.616	1447	1450	1454	rVV	58705	93585	1.38%	0.142%
35	11.669	1454	1459	1465	rVV3	34695	83453	1.23%	0.127%
36	11.728	1465	1469	1473	rVV2	24722	33372	0.49%	0.051%

LSC Area Percent Report

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Data File : BP007478.D
Acq On : 18 Oct 2021 23:09
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Sample : M4204-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGG4

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_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

37	12.087	1524	1530	1536	rVB	51760	80718	1.19%	0.123%
38	12.345	1567	1574	1580	rBV	22560	41236	0.61%	0.063%
39	12.498	1593	1600	1609	rBV	57734	90442	1.34%	0.138%
40	12.875	1658	1664	1670	rBV8	12851	23439	0.35%	0.036%
41	13.028	1684	1690	1695	rVB10	3762	8091	0.12%	0.012%
42	13.563	1775	1781	1787	rVB6	4931	9372	0.14%	0.014%
43	13.722	1801	1808	1814	rBV3	8922	15228	0.23%	0.023%
44	13.998	1848	1855	1862	rBV	1834042	2546535	37.64%	3.875%
45	14.063	1863	1866	1871	rVB2	14522	21049	0.31%	0.032%
46	14.139	1875	1879	1885	rBV	57396	85521	1.26%	0.130%
47	14.287	1894	1904	1911	rBV	2015990	3086308	45.61%	4.697%
48	14.592	1947	1956	1963	rBV	1467407	2198554	32.49%	3.346%
49	14.769	1979	1986	1995	rBV	186258	279543	4.13%	0.425%
50	14.851	1995	2000	2008	rVB	21769	36278	0.54%	0.055%
51	14.963	2012	2019	2022	rBV5	10294	17627	0.26%	0.027%
52	15.016	2022	2028	2046	rVV	231288	345165	5.10%	0.525%
53	15.275	2067	2072	2077	rVB	27505	40702	0.60%	0.062%
54	15.586	2118	2125	2136	rVB	2743724	3930836	58.10%	5.982%
55	15.692	2137	2143	2158	rBV	645360	956922	14.14%	1.456%
56	15.828	2160	2166	2171	rVB2	32141	51191	0.76%	0.078%
57	15.957	2182	2188	2192	rBV8	3474	7596	0.11%	0.012%
58	16.151	2217	2221	2226	rBV8	5448	9682	0.14%	0.015%
59	16.251	2233	2238	2246	rBV8	8502	22552	0.33%	0.034%
60	16.375	2256	2259	2265	rVB6	5532	9318	0.14%	0.014%
61	16.675	2306	2310	2314	rBV	17376	23474	0.35%	0.036%
62	16.751	2318	2323	2329	rBV	97901	129432	1.91%	0.197%
63	17.022	2365	2369	2374	rBV8	6186	10235	0.15%	0.016%
64	17.133	2383	2388	2391	rBV3	9622	15705	0.23%	0.024%
65	17.345	2418	2424	2433	rVB	1904936	2689431	39.75%	4.093%
66	17.445	2433	2441	2452	rBV	3278100	4751131	70.22%	7.230%
67	17.575	2459	2463	2469	rBV8	7831	14688	0.22%	0.022%
68	17.945	2521	2526	2533	rBV	21140	34486	0.51%	0.052%
69	18.022	2536	2539	2544	rVB7	8577	12345	0.18%	0.019%
70	18.239	2571	2576	2585	rBV	122272	169445	2.50%	0.258%
71	18.316	2586	2589	2592	rVB3	12137	15340	0.23%	0.023%
72	18.533	2623	2626	2630	rBV6	7363	12093	0.18%	0.018%
73	19.257	2744	2749	2754	rBV	50497	78474	1.16%	0.119%
74	19.322	2756	2760	2763	rBV	54023	70137	1.04%	0.107%
75	19.469	2781	2785	2790	rBV3	59276	79443	1.17%	0.121%
76	19.622	2808	2811	2814	rVB4	16617	18236	0.27%	0.028%

LSC Area Percent Report

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Acq On : 18 Oct 2021 23:09
Operator : CG/JU
Sample : M4204-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGG4

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_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

77	19.674	2814	2820	2828	rBV	4194319	5691249	84.11%	8.661%
78	21.351	3102	3105	3111	rVB	114009	130327	1.93%	0.198%
79	21.433	3113	3119	3124	rBV	2413155	3180771	47.01%	4.840%
80	23.727	3501	3509	3519	rBV2	2859603	5840960	86.33%	8.888%
81	23.827	3523	3526	3529	rVV	186724	312663	4.62%	0.476%
82	23.886	3530	3536	3548	rVB2	1596067	3323360	49.12%	5.057%

Sum of corrected areas: 65714463

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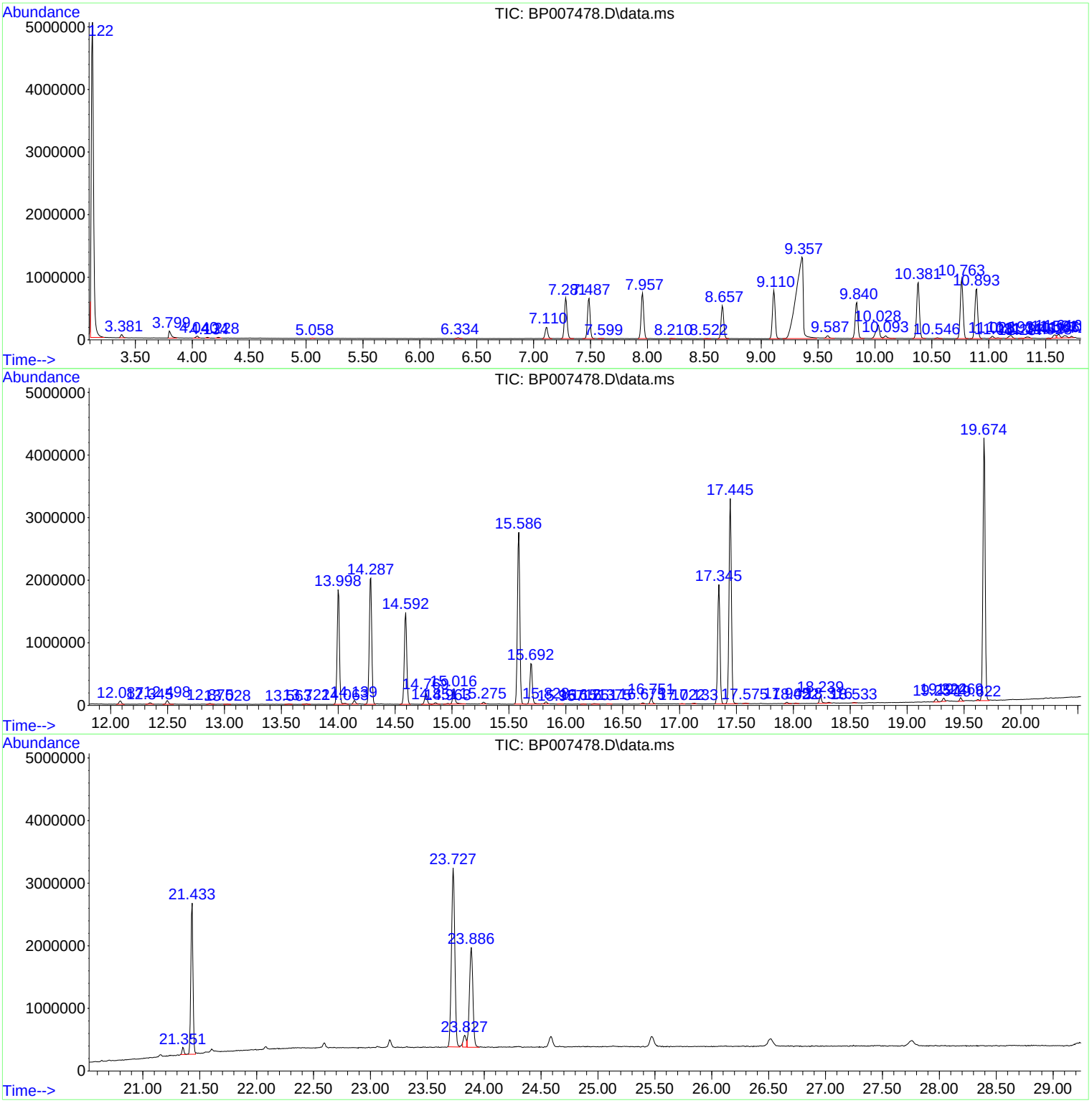
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JDGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007478.D
Acq On : 18 Oct 2021 23:09
Operator : CG/JU
Sample : M4204-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGG4

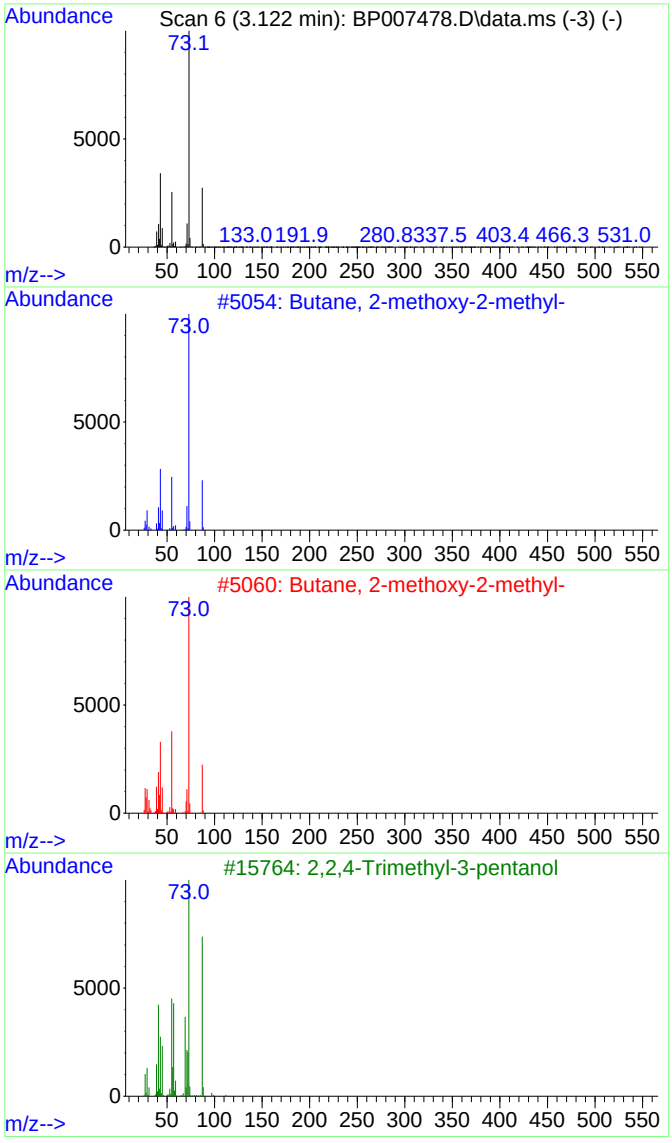
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

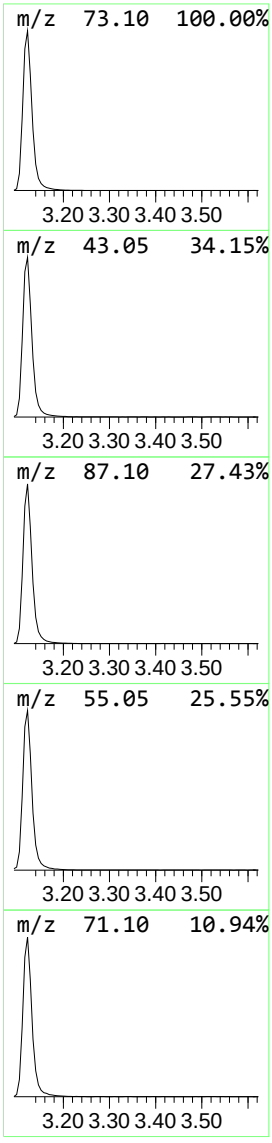
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	117.81 ng/ul	6766200	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Operator : CG/JU
Sample : M4204-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGG4

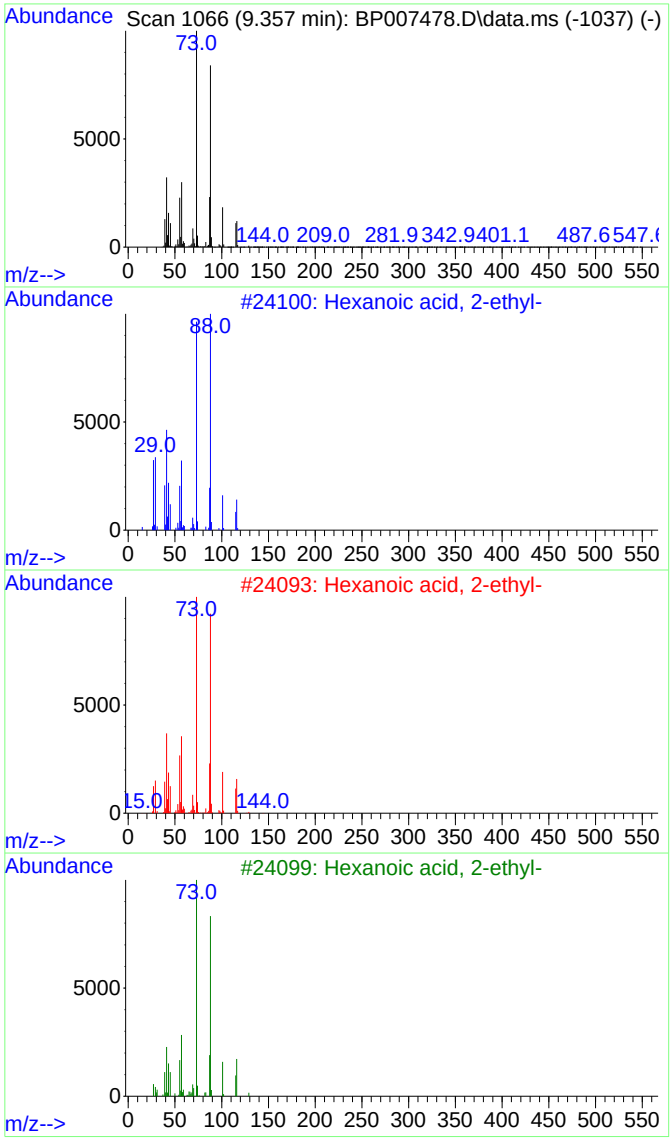
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

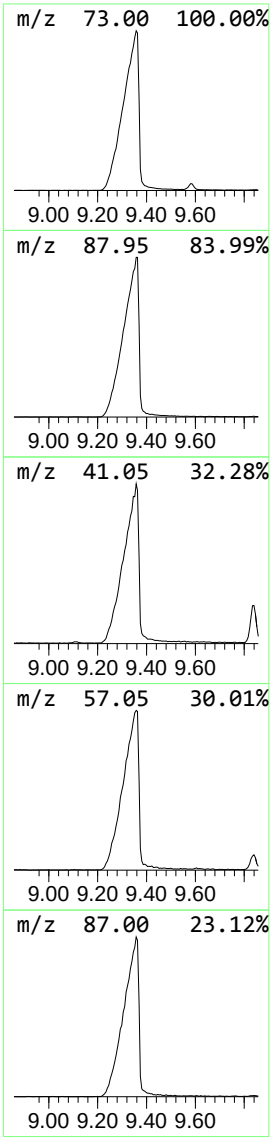
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	100.57 ng/ul	5775840	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007478.D
Acq On : 18 Oct 2021 23:09
Operator : CG/JU
Sample : M4204-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JDGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

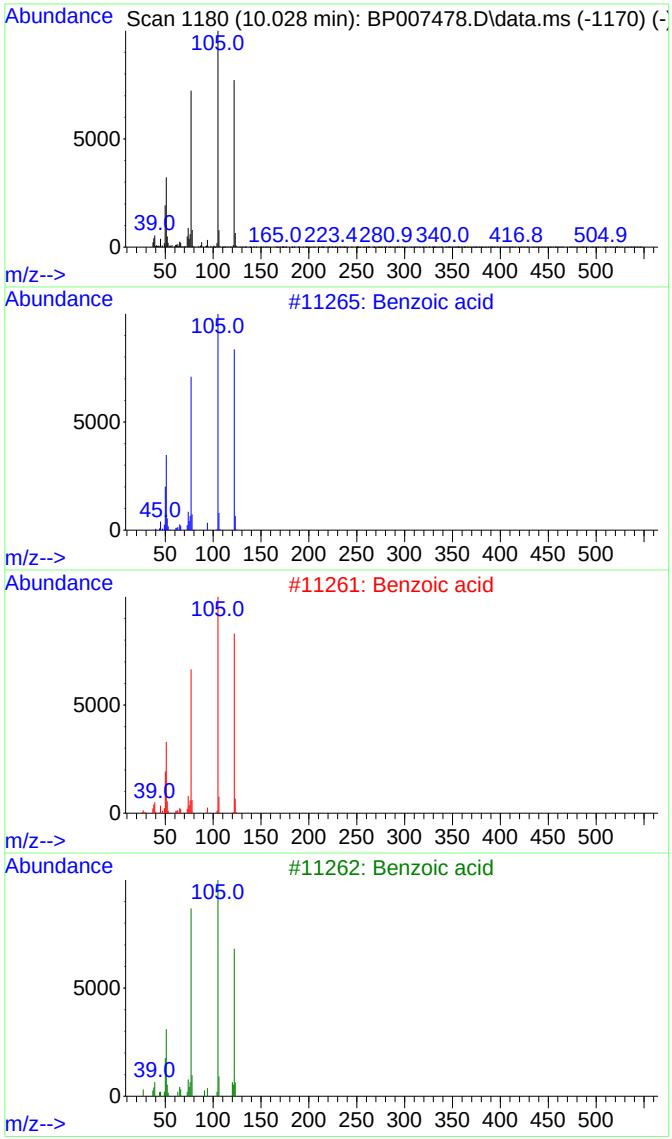
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

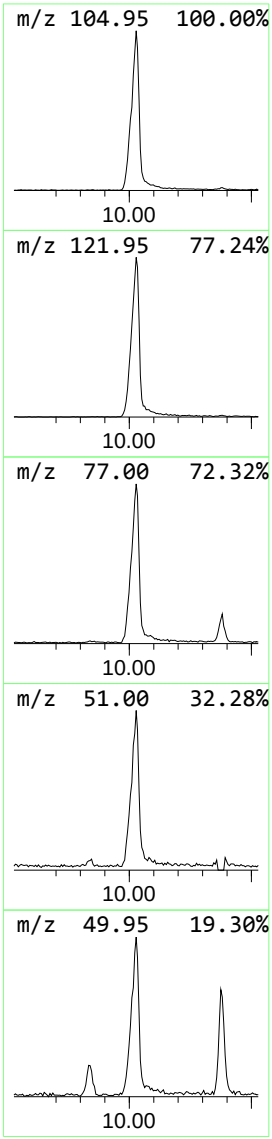
****

Peak Number 3 Benzoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	5.96 ng/ul	479495	Naphthalene-d8	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	97
2	Benzoic acid	122	C7H6O2	000065-85-0	95
3	Benzoic acid	122	C7H6O2	000065-85-0	94
4	Benzoic acid	122	C7H6O2	000065-85-0	94
5	Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	90





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Sample : M4204-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

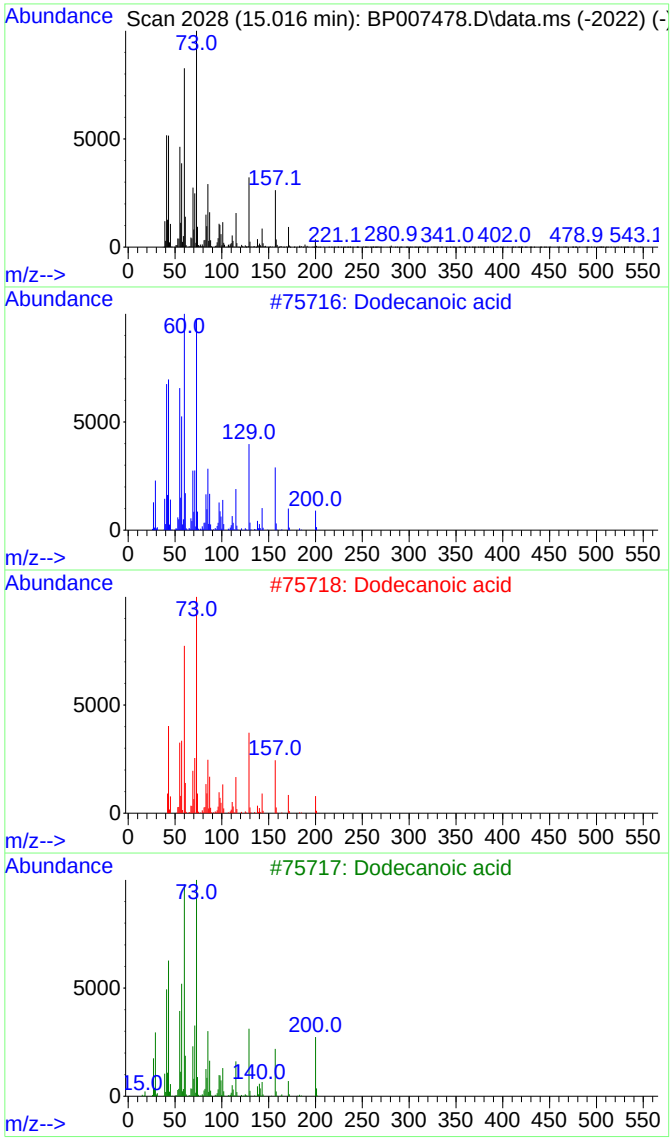
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

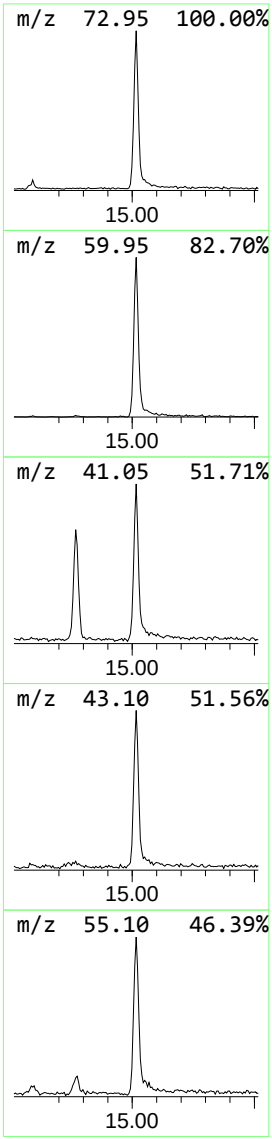
****

Peak Number 4 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.016	3.14 ng/ul	345165	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007478.D
Acq On : 18 Oct 2021 23:09
Operator : CG/JU
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Misc :
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Instrument : BNA_P
ClientSampleId : JDGG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.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...	3.122	117.8	ng/ul	6766200	1	7.957	1148620	20.0
Hexanoic acid, ...	9.357	100.6	ng/ul	5775840	1	7.957	1148620	20.0
Benzoic acid	10.028	6.0	ng/ul	479495	2	10.763	1609930	20.0
Dodecanoic acid	15.016	3.1	ng/ul	345165	3	14.592	2198550	20.0