LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020667.D
Acq On : 27 Jun 2024 18:47
Operator : MA/JU
Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4CP2

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020667.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.011	3	4	10	rVB	2309106	2299377	76.91%	5.171%
2	3.058	10	12	24	rVB	92636	141260	4.72%	0.318%
3	3.275	45	49	57	rVB	37420	51355	1.72%	0.115%
4	3.546	92	95	103	rBV	49434	75508	2.53%	0.170%
5	3.693	117	120	133	rBV	93233	139580	4.67%	0.314%
6	3.787	133	136	142	rVB	27414	34242	1.15%	0.077%
7	3.899	151	155	161	rVB2	10368	13657	0.46%	0.031%
8	3.999	168	172	179	rVB	15910	22823	0.76%	0.051%
9	4.164	194	200	204	rBV6	10090	16180	0.54%	0.036%
10	4.216	204	209	219	rVV	56647	80535	2.69%	0.181%
11	4.369	231	235	239	rVB4	7777	10219	0.34%	0.023%
12	4.499	253	257	261	rBV2	13171	16100	0.54%	0.036%
13	4.546	261	265	269	rBV	26802	37566	1.26%	0.084%
14	4.593	269	273	282	rVV2	50134	96663	3.23%	0.217%
15	4.669	282	286	290	rVB	13636	17956	0.60%	0.040%
16	4.805	303	309	319	rVB8	13240	30164	1.01%	0.068%
17	4.899	319	325	333	rVV	196529	280664	9.39%	0.631%
18	4.999	338	342	349	rVB4	10780	20463	0.68%	0.046%
19	5.146	359	367	373	rBV4	10956	22575	0.76%	0.051%
20	5.363	398	404	405	rBV6	3429	5322	0.18%	0.012%
21	5.863	484	489	495	rBV	14852	22276	0.75%	0.050%
22	6.381	571	577	582	rVB9	4635	7519	0.25%	0.017%
23	6.769	638	643	648	rBV5	6665	13345	0.45%	0.030%
24	6.881	658	662	663	rBV4	3591	4960	0.17%	0.011%
25	6.928	663	670	681	rVV	785211	1192461	39.88%	2.682%
26	7.005	681	683	688	rVV5	3337	5128	0.17%	0.012%
27	7.087	690	697	707	rVB	633425	920738	30.80%	2.071%
28	7.287	724	731	740	rBV	818166	1242766	41.57%	2.795%
29	7.363	740	744	753	rVB4	14185	29335	0.98%	0.066%
30	7.740	802	808	816	rVV	803803	1211892	40.53%	2.725%
31	7.805	816	819	824	rVB4	7487	12546	0.42%	0.028%
32	7.963	841	846	849	rBV7	3669	5762	0.19%	0.013%
33	8.440	920	927	934	rBV	938038	1372537	45.91%	3.087%
34	8.493	934	936	944	rVV	24055	42685	1.43%	0.096%
35	8.563	944	948	953	rVV3	9396	17256	0.58%	0.039%
36	8.893	996	1004	1014	rBV	686632	1182870	39.56%	2.660%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
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Operator : MA/JU
Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4CP2

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	9.057	1028	1032	1037	rVB8	4048	6384	0.21%	0.014%
38	9.287	1067	1071	1076	rVB7	3356	5641	0.19%	0.013%
39	9.451	1095	1099	1109	rVB	42332	69276	2.32%	0.156%
40	9.604	1114	1125	1139	rBV	574337	1006907	33.68%	2.264%
41	9.840	1160	1165	1173	rVB	5397	11426	0.38%	0.026%
42	10.146	1209	1217	1228	rBV	931221	1533085	51.28%	3.448%
43	10.287	1238	1241	1248	rVB9	3677	7781	0.26%	0.017%
44	10.522	1273	1281	1293	rBV	994665	1704703	57.02%	3.834%
45	10.651	1293	1303	1315	rBV	296256	618578	20.69%	1.391%
46	11.057	1365	1372	1380	rBV7	16597	38617	1.29%	0.087%
47	11.263	1400	1407	1413	rBV	77176	147212	4.92%	0.331%
48	12.016	1531	1535	1541	rBV7	3296	7037	0.24%	0.016%
49	12.104	1544	1550	1557	rVB2	11710	23861	0.80%	0.054%
50	12.522	1616	1621	1623	rBV6	3514	5013	0.17%	0.011%
51	12.722	1652	1655	1664	rVB7	5318	8886	0.30%	0.020%
52	12.981	1694	1699	1704	rBV6	5022	8145	0.27%	0.018%
53	13.228	1738	1741	1748	rVB	6967	9668	0.32%	0.022%
54	13.340	1755	1760	1765	rBV2	27859	39951	1.34%	0.090%
55	13.557	1793	1797	1802	rBV8	4169	6652	0.22%	0.015%
56	13.787	1830	1836	1846	rBV	1631081	2093207	70.01%	4.707%
57	14.028	1871	1877	1879	rBV3	15561	23564	0.79%	0.053%
58	14.075	1879	1885	1895	rVV	1675818	2498673	83.57%	5.619%
59	14.387	1925	1938	1955	rBV	1422480	2413213	80.71%	5.427%
60	14.598	1968	1974	1996	rBV	521643	952367	31.85%	2.142%
61	14.751	1996	2000	2005	rVV7	11201	22032	0.74%	0.050%
62	14.816	2005	2011	2016	rVB9	18247	31321	1.05%	0.070%
63	15.051	2049	2051	2058	rVB7	3584	6371	0.21%	0.014%
64	15.204	2071	2077	2079	rBV5	7012	13205	0.44%	0.030%
65	15.392	2102	2109	2117	rBV	2062927	2989824	100.00%	6.724%
66	15.522	2123	2131	2143	rBV	522846	835365	27.94%	1.879%
67	15.639	2147	2151	2160	rVB4	11105	23675	0.79%	0.053%
68	15.975	2204	2208	2209	rBV4	5264	6580	0.22%	0.015%
69	16.128	2231	2234	2240	rVB6	9851	15762	0.53%	0.035%
70	16.192	2240	2245	2256	rBV2	35134	72436	2.42%	0.163%
71	16.586	2308	2312	2315	rBV5	6165	10033	0.34%	0.023%
72	16.728	2332	2336	2341	rBV7	10677	19692	0.66%	0.044%
73	16.904	2363	2366	2368	rBV4	3946	4921	0.16%	0.011%
74	16.951	2371	2374	2377	rBV2	8593	10174	0.34%	0.023%
75	17.122	2400	2403	2408	rVB7	9669	13275	0.44%	0.030%
76	17.192	2408	2415	2420	rBV	1617937	2306807	77.16%	5.188%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CP2

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_P\Methods\SFAM-EPA-BP062524.MA.M
Title : SVOA CALIBRATION

77	17.233	2420	2422	2425	rVV2	53484	61887	2.07%	0.139%
78	17.292	2425	2432	2443	rVV2	1754514	2837081	94.89%	6.380%
79	17.375	2443	2446	2450	rVV6	10143	19761	0.66%	0.044%
80	17.439	2454	2457	2461	rVB2	12622	17016	0.57%	0.038%
81	17.822	2518	2522	2528	rVB3	44710	74601	2.50%	0.168%
82	17.904	2532	2536	2538	rBV3	11474	14828	0.50%	0.033%
83	18.145	2571	2577	2583	rBV	268338	430876	14.41%	0.969%
84	18.210	2585	2588	2592	rVB	33605	49992	1.67%	0.112%
85	18.304	2600	2604	2609	rBV3	47749	70576	2.36%	0.159%
86	18.369	2612	2615	2618	rVV2	29597	34730	1.16%	0.078%
87	18.410	2619	2622	2626	rVB3	18795	22158	0.74%	0.050%
88	18.463	2628	2631	2641	rVB3	32909	64771	2.17%	0.146%
89	18.604	2651	2655	2658	rBV4	25501	36394	1.22%	0.082%
90	18.780	2682	2685	2690	rVB5	18385	24627	0.82%	0.055%
91	19.104	2737	2740	2745	rBV6	27315	44084	1.47%	0.099%
92	19.157	2746	2749	2752	rBV2	47883	56355	1.88%	0.127%
93	19.192	2752	2755	2758	rBV4	32403	44431	1.49%	0.100%
94	19.327	2774	2778	2785	rVB	104571	153425	5.13%	0.345%
95	19.474	2798	2803	2810	rBV3	130879	228889	7.66%	0.515%
96	19.674	2831	2837	2846	rBV	1908204	2958139	98.94%	6.652%
97	21.321	3112	3117	3124	rBV	323162	526131	17.60%	1.183%
98	21.651	3166	3173	3179	rBV2	1076695	1955431	65.40%	4.397%
99	24.780	3697	3705	3716	rVB2	807822	2129603	71.23%	4.789%
100	25.004	3735	3743	3756	rVB	797824	2294629	76.75%	5.160%

Sum of corrected areas: 44468020

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
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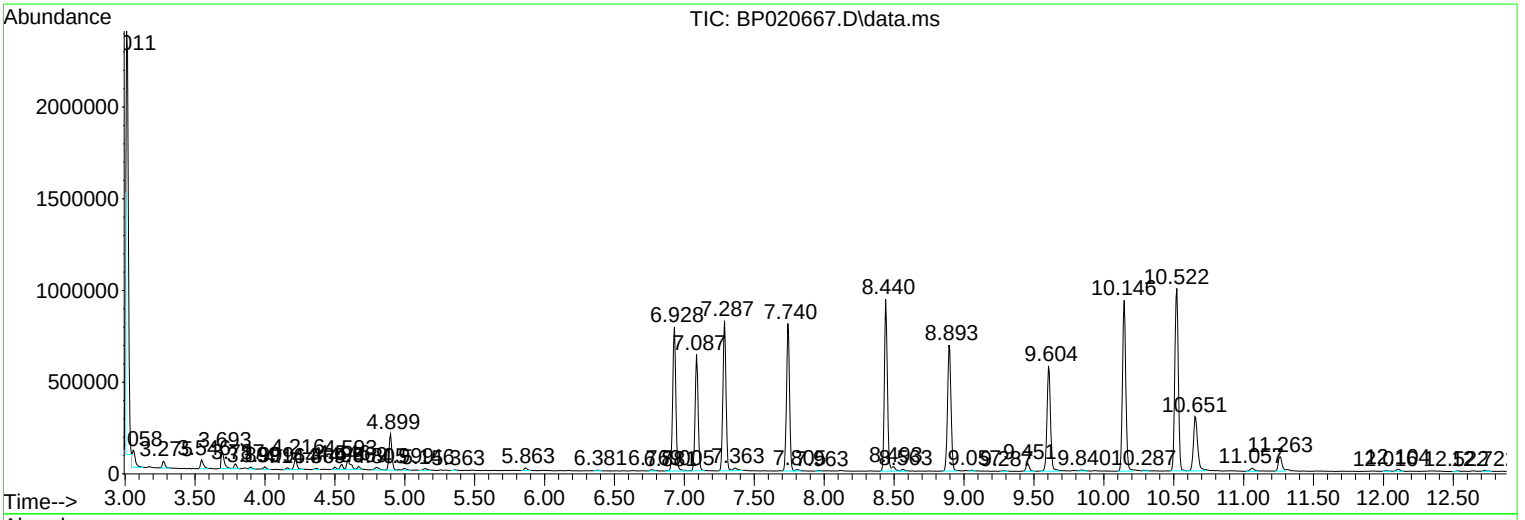
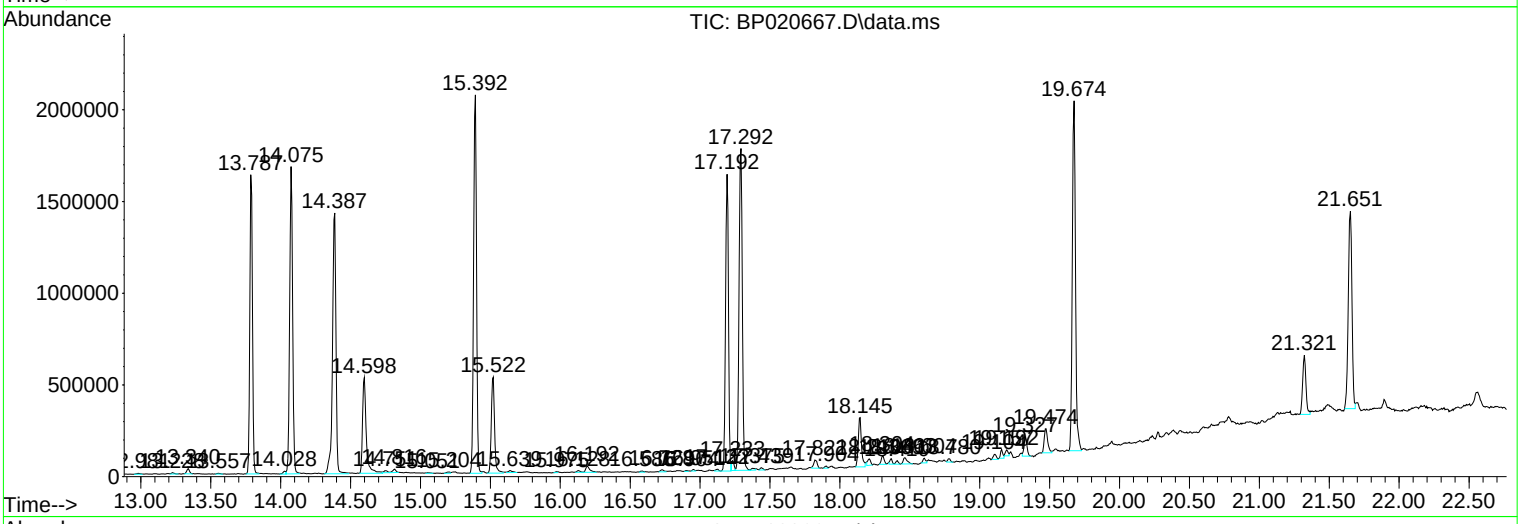
Operator : MA/JU
Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

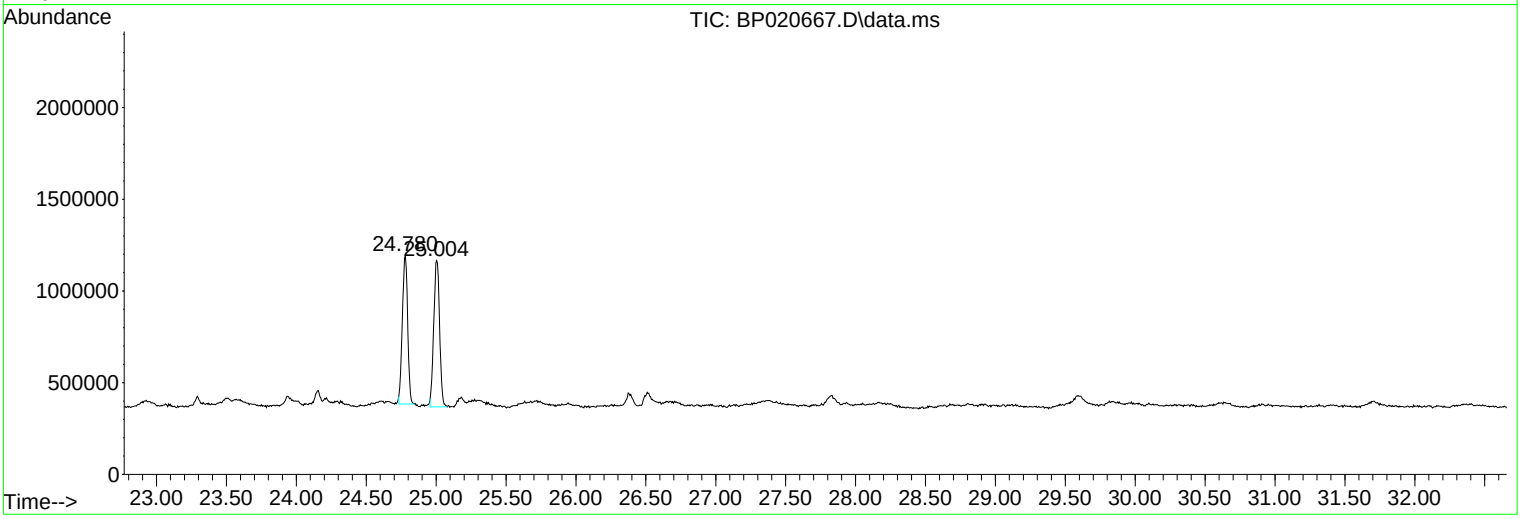
Instrument :
BNA_P
ClientSampleId :
A4CP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
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Acq On : 27 Jun 2024 18:47
Operator : MA/JU
Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CP2

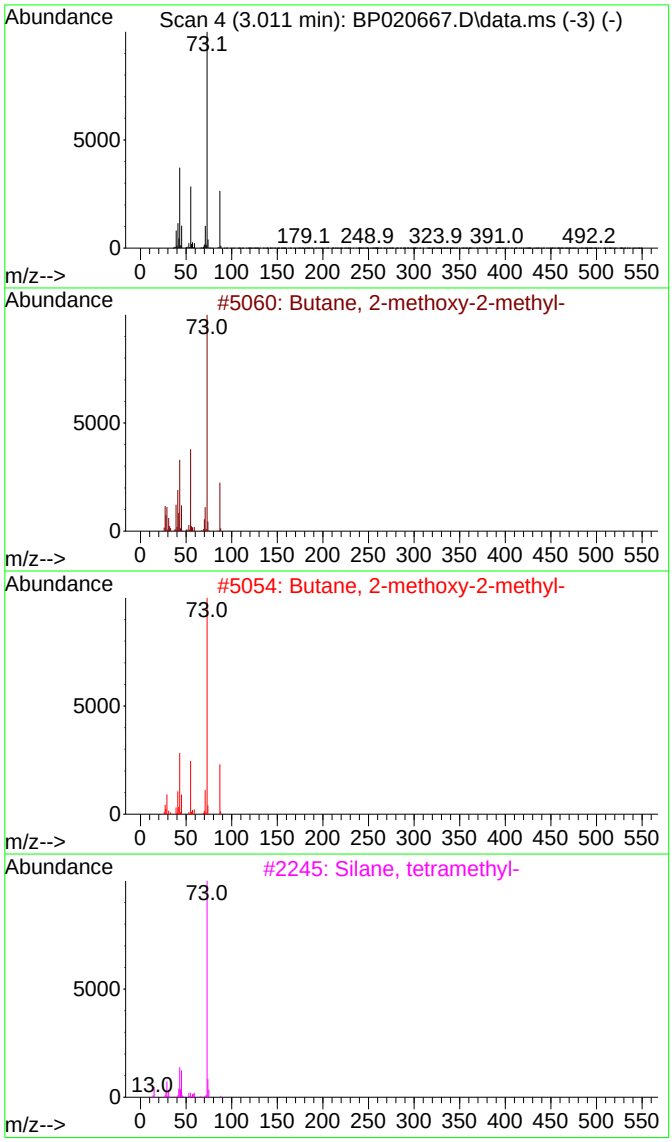
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

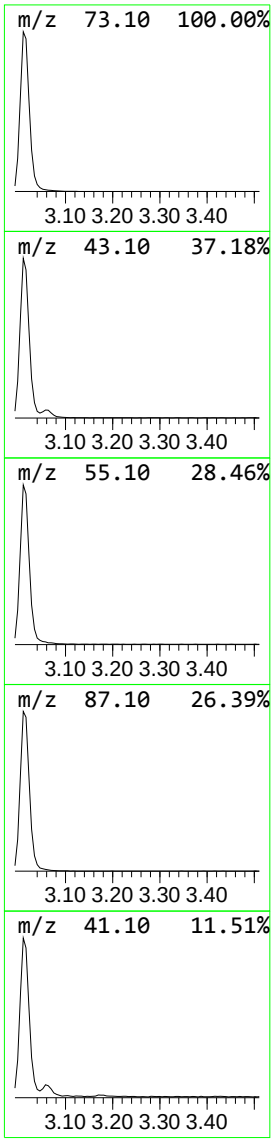
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.011	37.95 ng/ul	2299380	1,4-Dichlorobenzene-d4	7.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020667.D
Acq On : 27 Jun 2024 18:47
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Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CP2

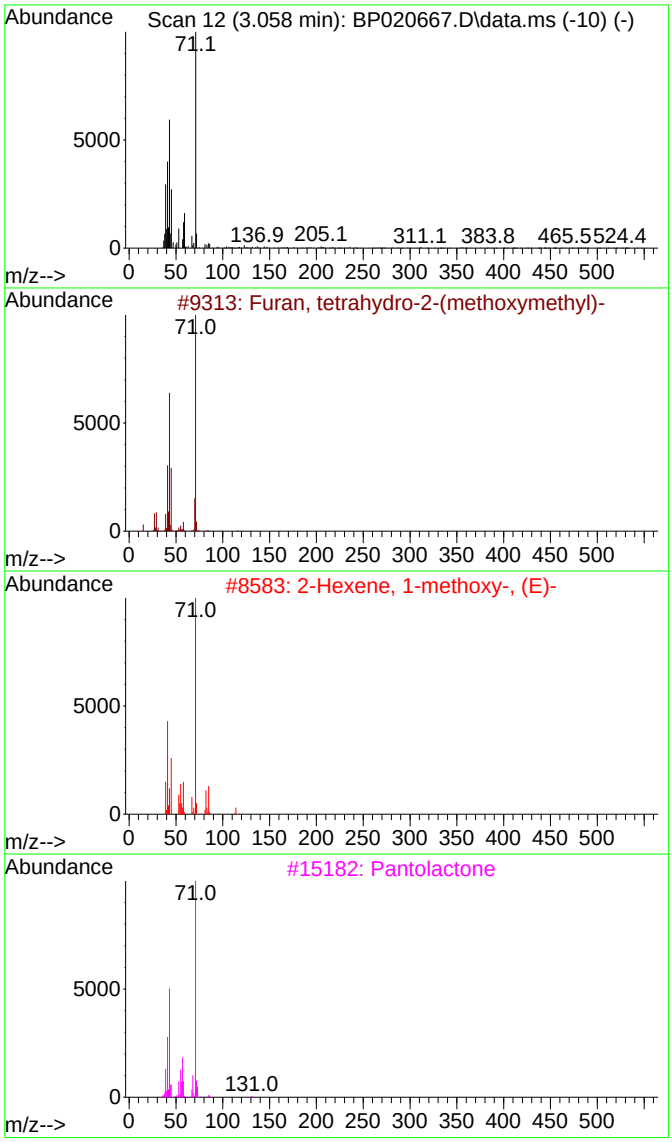
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

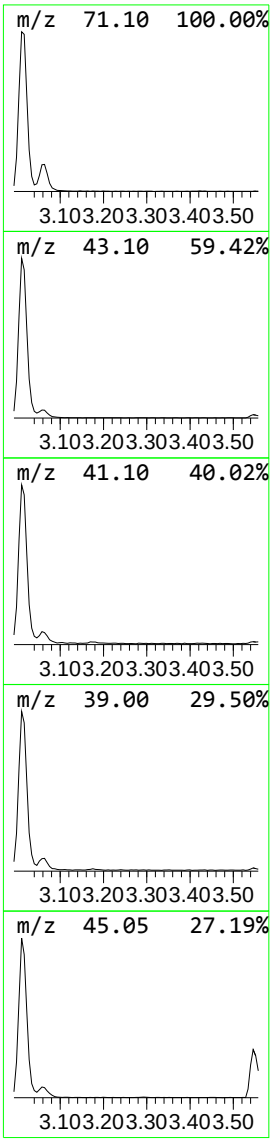
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Furan, tetrahydro-2-(methox... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	2.33 ng/ul	141260	1,4-Dichlorobenzene-d4	7.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	64
2	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	56
3	Pantolactone	130	C6H10O3	000599-04-2	53
4	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	53
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	52





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CP2

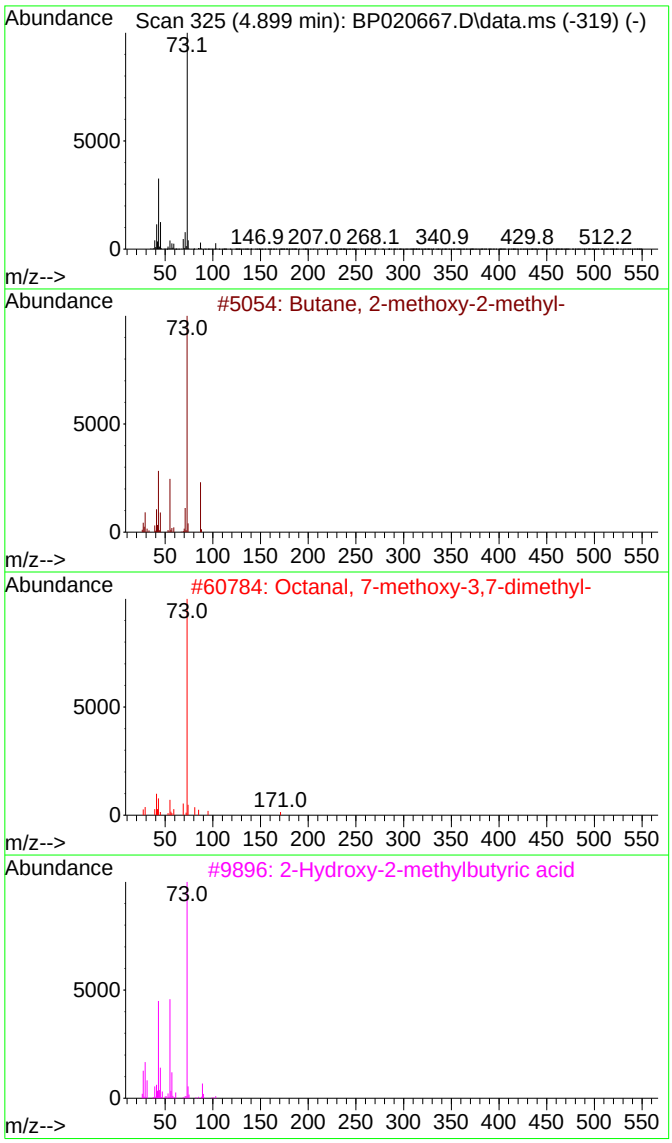
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

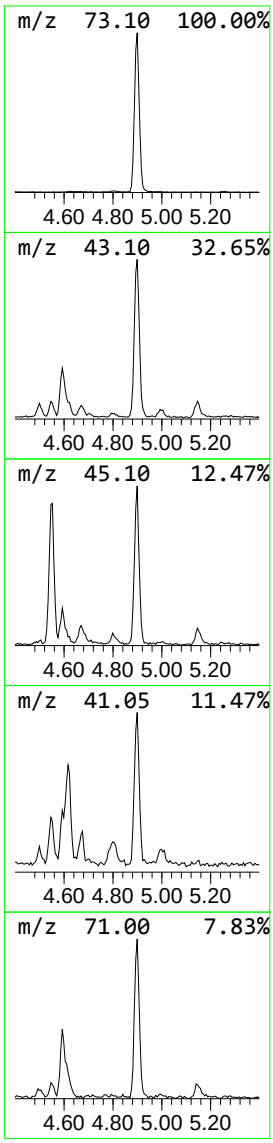
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	4.63 ng/ul	280664	1,4-Dichlorobenzene-d4	7.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
2	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	33
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28





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Data File : BP020667.D
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Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CP2

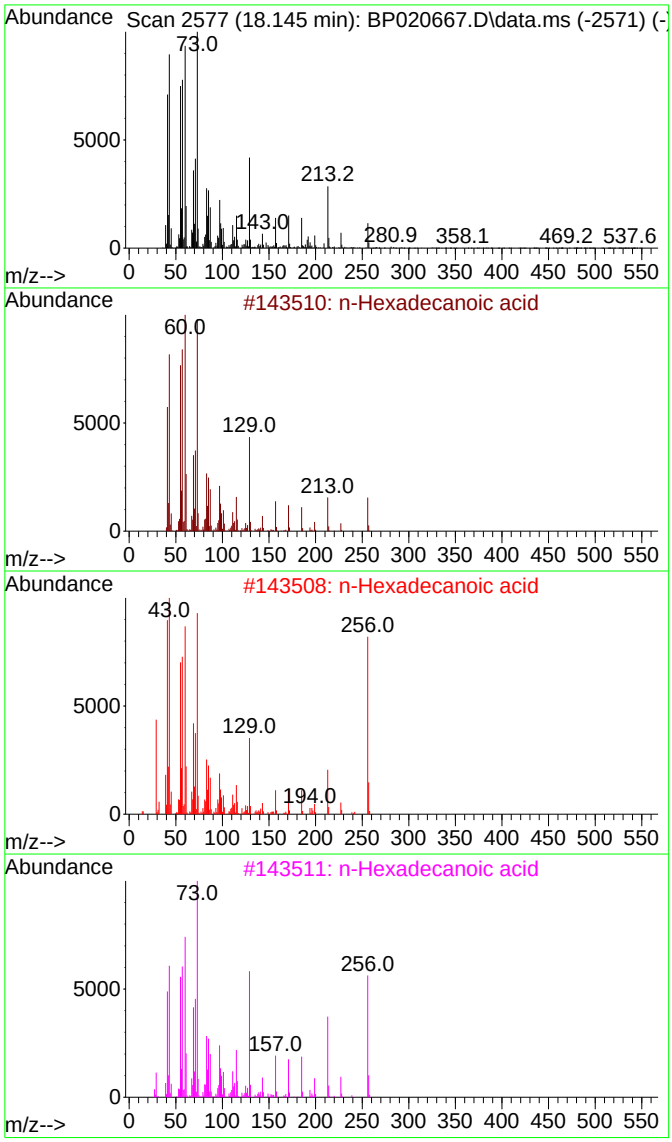
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

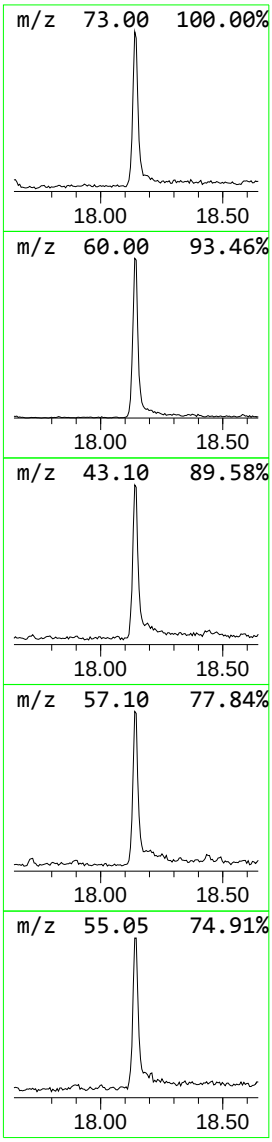
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	3.74 ng/ul	430876	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020667.D
Acq On : 27 Jun 2024 18:47
Operator : MA/JU
Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CP2

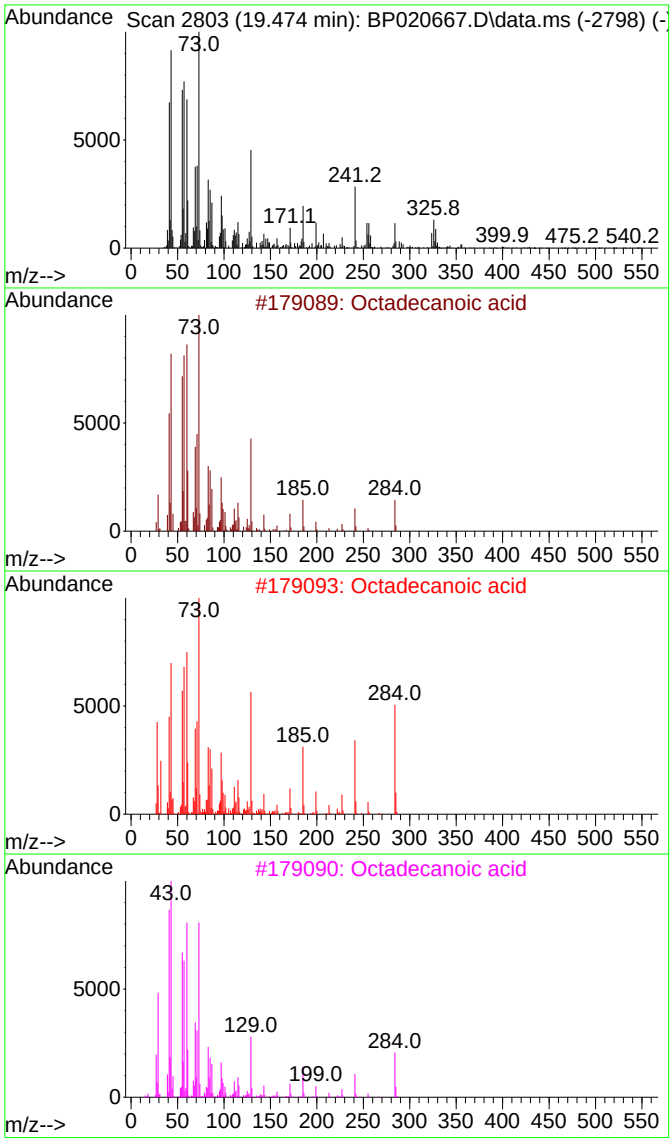
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

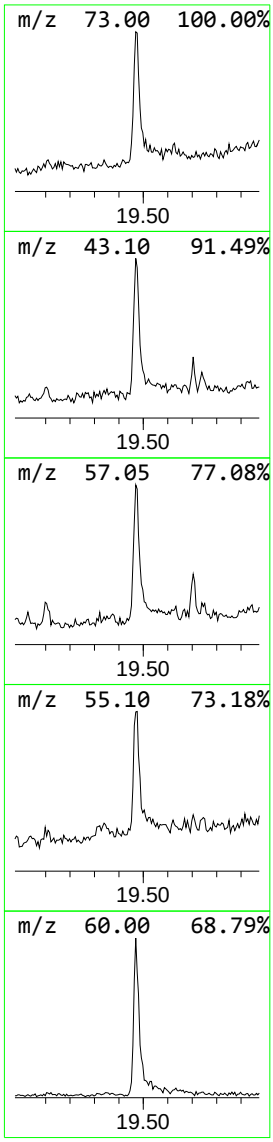
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	2.34 ng/ul	228889	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020667.D
Acq On : 27 Jun 2024 18:47
Operator : MA/JU
Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CP2

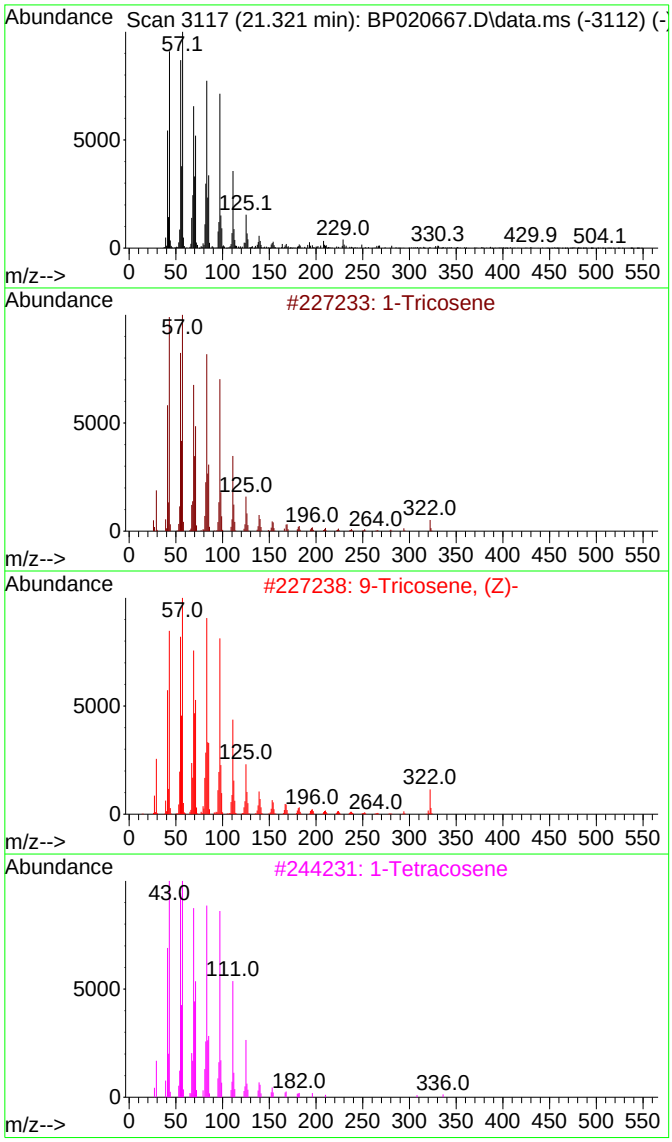
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

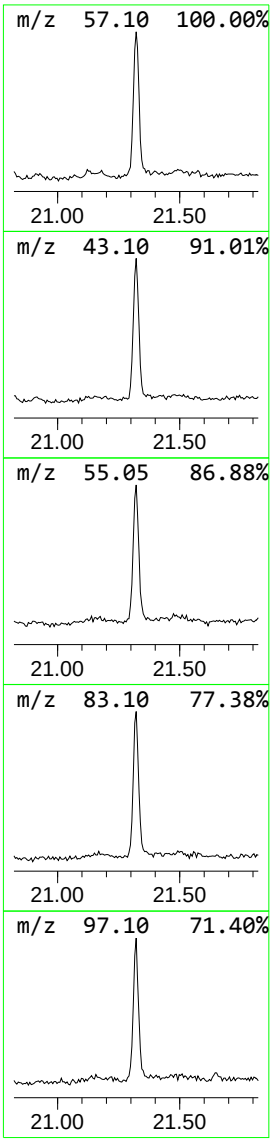
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	5.38 ng/ul	526131	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	99
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3	1-Tetracosene	336	C24H48	010192-32-2	96
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020667.D
Acq On : 27 Jun 2024 18:47
Operator : MA/JU
Sample : P2909-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
Butane, 2-metho...	3.011	38.0	ng/ul	2299380	1	7.740	1211890	20.0
Furan, tetrahyd...	3.058	2.3	ng/ul	141260	1	7.740	1211890	20.0
unknown-01	4.899	4.6	ng/ul	280664	1	7.740	1211890	20.0
n-Hexadecanoic ...	18.145	3.7	ng/ul	430876	4	17.192	2306810	20.0
Octadecanoic acid	19.474	2.3	ng/ul	228889	5	21.651	1955430	20.0
(DEL) Alkane: S...	21.322	5.4	ng/ul	526131	5	21.651	1955430	20.0