LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017907.D
Acq On : 03 Nov 2023 03:21
Operator : MA/JU
Sample : 05060-06
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG4

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-BP101823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017907.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.811	119	123	130	rBV	40533	73891	3.54%	0.283%
2	3.881	131	135	142	rVB2	24608	46651	2.24%	0.178%
3	4.581	251	254	259	rVB7	9193	14328	0.69%	0.055%
4	4.928	308	313	320	rVB	24582	39761	1.91%	0.152%
5	5.834	463	467	471	rVB6	5603	7682	0.37%	0.029%
6	7.046	666	673	684	rBV2	205622	442107	21.19%	1.691%
7	7.222	698	703	712	rVB	192119	303035	14.53%	1.159%
8	7.399	727	733	742	rBV	254004	421640	20.21%	1.612%
9	7.487	745	748	755	rBV2	12393	25422	1.22%	0.097%
10	7.875	807	814	824	rVV	655501	1036534	49.69%	3.964%
11	8.411	901	905	909	rVB3	8348	12883	0.62%	0.049%
12	8.605	931	938	953	rBV2	80331	168987	8.10%	0.646%
13	8.734	953	960	972	rBV	209094	357453	17.13%	1.367%
14	8.881	980	985	986	rBV5	5914	8137	0.39%	0.031%
15	9.081	1013	1019	1026	rBV	235691	404363	19.38%	1.546%
16	9.799	1134	1141	1153	rBV	213539	376990	18.07%	1.442%
17	9.969	1164	1170	1187	rBV2	39713	105052	5.04%	0.402%
18	10.169	1199	1204	1211	rVB	23948	41413	1.99%	0.158%
19	10.275	1219	1222	1225	rBV5	4043	6359	0.30%	0.024%
20	10.334	1225	1232	1244	rBV	231758	441250	21.15%	1.687%
21	10.705	1288	1295	1302	rVV	800937	1345389	64.49%	5.145%
22	10.757	1302	1304	1310	rVB4	10186	14513	0.70%	0.056%
23	10.887	1317	1326	1336	rBV	87582	183492	8.80%	0.702%
24	11.287	1385	1394	1396	rBV9	11079	29222	1.40%	0.112%
25	11.487	1426	1428	1432	rVV5	3926	6274	0.30%	0.024%
26	11.557	1433	1440	1449	rVB2	10436	26915	1.29%	0.103%
27	11.763	1467	1475	1483	rVV2	6308	14944	0.72%	0.057%
28	12.140	1534	1539	1543	rBV6	6174	9605	0.46%	0.037%
29	12.304	1564	1567	1573	rVB8	6592	10589	0.51%	0.040%
30	12.375	1573	1579	1584	rBV5	5837	9198	0.44%	0.035%
31	13.128	1703	1707	1712	rVB7	3592	6363	0.31%	0.024%
32	13.410	1748	1755	1768	rBV	823113	1256456	60.23%	4.805%
33	13.787	1814	1819	1823	rVB7	5406	8745	0.42%	0.033%
34	13.993	1847	1854	1861	rBV	510053	715958	34.32%	2.738%
35	14.269	1894	1901	1913	rBV	571210	903431	43.31%	3.455%
36	14.575	1942	1953	1960	rBV	1155655	1656975	79.43%	6.337%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017907.D
Acq On : 03 Nov 2023 03:21
Operator : MA/JU
Sample : 05060-06
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG4

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-BP101823.MA.M
Title : SVOA CALIBRATION

37	14.640	1960	1964	1971	rVB8	6820	17156	0.82%	0.066%
38	14.846	1994	1999	2013	rBV2	55085	163142	7.82%	0.624%
39	14.981	2015	2022	2025	rBV5	15050	28889	1.38%	0.110%
40	15.581	2116	2124	2130	rBV	716865	1012292	48.53%	3.871%
41	15.640	2130	2134	2140	rVB3	18326	30686	1.47%	0.117%
42	15.734	2145	2150	2160	rBV	86076	139247	6.67%	0.533%
43	15.928	2179	2183	2186	rBV5	4138	6229	0.30%	0.024%
44	16.063	2200	2206	2208	rBV7	6333	10760	0.52%	0.041%
45	16.169	2218	2224	2228	rBV8	3890	6777	0.32%	0.026%
46	16.240	2233	2236	2240	rBV5	6407	8483	0.41%	0.032%
47	16.351	2250	2255	2262	rVB3	11511	22808	1.09%	0.087%
48	16.428	2262	2268	2278	rBV2	18899	46807	2.24%	0.179%
49	16.604	2294	2298	2310	rVV2	21773	43439	2.08%	0.166%
50	16.716	2312	2317	2321	rBV2	19065	33009	1.58%	0.126%
51	16.822	2333	2335	2340	rVB3	9069	8408	0.40%	0.032%
52	16.887	2342	2346	2351	rVV3	14088	21415	1.03%	0.082%
53	16.934	2351	2354	2359	rVB4	8137	11006	0.53%	0.042%
54	17.028	2363	2370	2377	rBV2	15026	35349	1.69%	0.135%
55	17.092	2377	2381	2384	rVB6	5593	7822	0.37%	0.030%
56	17.151	2388	2391	2394	rBV5	5580	6849	0.33%	0.026%
57	17.222	2399	2403	2408	rBV7	8191	12235	0.59%	0.047%
58	17.281	2410	2413	2418	rBV7	7307	11792	0.57%	0.045%
59	17.369	2421	2428	2433	rBV	1296400	1805492	86.55%	6.905%
60	17.410	2433	2435	2439	rVV	60164	68375	3.28%	0.261%
61	17.469	2439	2445	2449	rVV2	682831	1017617	48.78%	3.892%
62	17.504	2449	2451	2459	rVV	207647	252279	12.09%	0.965%
63	17.581	2461	2464	2469	rVV6	7646	11929	0.57%	0.046%
64	17.798	2498	2501	2508	rVB	25134	37339	1.79%	0.143%
65	17.857	2509	2511	2520	rVB7	7123	12260	0.59%	0.047%
66	17.992	2531	2534	2538	rVB4	13361	18971	0.91%	0.073%
67	18.139	2556	2559	2562	rVB	14158	14463	0.69%	0.055%
68	18.222	2568	2573	2582	rBV	261922	402980	19.32%	1.541%
69	18.363	2594	2597	2603	rVB	25195	32412	1.55%	0.124%
70	18.434	2604	2609	2612	rBV3	24553	40305	1.93%	0.154%
71	18.598	2634	2637	2638	rBV3	14562	15500	0.74%	0.059%
72	18.728	2657	2659	2662	rVB	17158	16630	0.80%	0.064%
73	18.792	2667	2670	2673	rVV2	35049	53158	2.55%	0.203%
74	18.822	2673	2675	2681	rVB2	42417	50210	2.41%	0.192%
75	19.045	2710	2713	2716	rBV	47649	55168	2.64%	0.211%
76	19.081	2717	2719	2724	rVV3	23219	38826	1.86%	0.148%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05060-06
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG4

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-BP101823.MA.M
Title : SVOA CALIBRATION

77	19.139	2727	2729	2733	rVB4	30567	31019	1.49%	0.119%
78	19.292	2748	2755	2760	rBV4	90662	202158	9.69%	0.773%
79	19.363	2763	2767	2769	rVV	134861	159990	7.67%	0.612%
80	19.398	2769	2773	2780	rVB	424053	562582	26.97%	2.151%
81	19.463	2780	2784	2794	rBV5	98512	169401	8.12%	0.648%
82	19.604	2804	2808	2811	rBV	114457	129761	6.22%	0.496%
83	19.728	2823	2829	2832	rBV	929003	1359090	65.15%	5.197%
84	19.757	2832	2834	2840	rVB	562780	632007	30.30%	2.417%
85	19.928	2861	2863	2869	rVB	37597	49362	2.37%	0.189%
86	20.063	2884	2886	2895	rVB3	45137	83430	4.00%	0.319%
87	20.198	2905	2909	2914	rBV5	72683	156037	7.48%	0.597%
88	20.339	2930	2933	2936	rBV2	51110	62118	2.98%	0.238%
89	20.539	2963	2967	2972	rBV2	71348	100293	4.81%	0.384%
90	20.639	2981	2984	2987	rBV2	68888	91189	4.37%	0.349%
91	20.686	2990	2992	2995	rVB	49800	44890	2.15%	0.172%
92	20.992	3041	3044	3049	rVB	64208	82275	3.94%	0.315%
93	21.151	3067	3071	3074	rBV3	187815	276907	13.27%	1.059%
94	21.186	3074	3077	3081	rVB2	127773	190332	9.12%	0.728%
95	21.286	3091	3094	3099	rVB2	105650	152301	7.30%	0.582%
96	21.516	3126	3133	3137	rBV2	1370708	2086112	100.00%	7.978%
97	21.551	3137	3139	3145	rVB	362984	400824	19.21%	1.533%
98	23.280	3428	3433	3439	rBV2	215934	525513	25.19%	2.010%
99	23.898	3532	3538	3544	rVB2	430734	864359	41.43%	3.306%
100	24.074	3561	3568	3575	rBV	775302	1576598	75.58%	6.029%

Sum of corrected areas: 26149069

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
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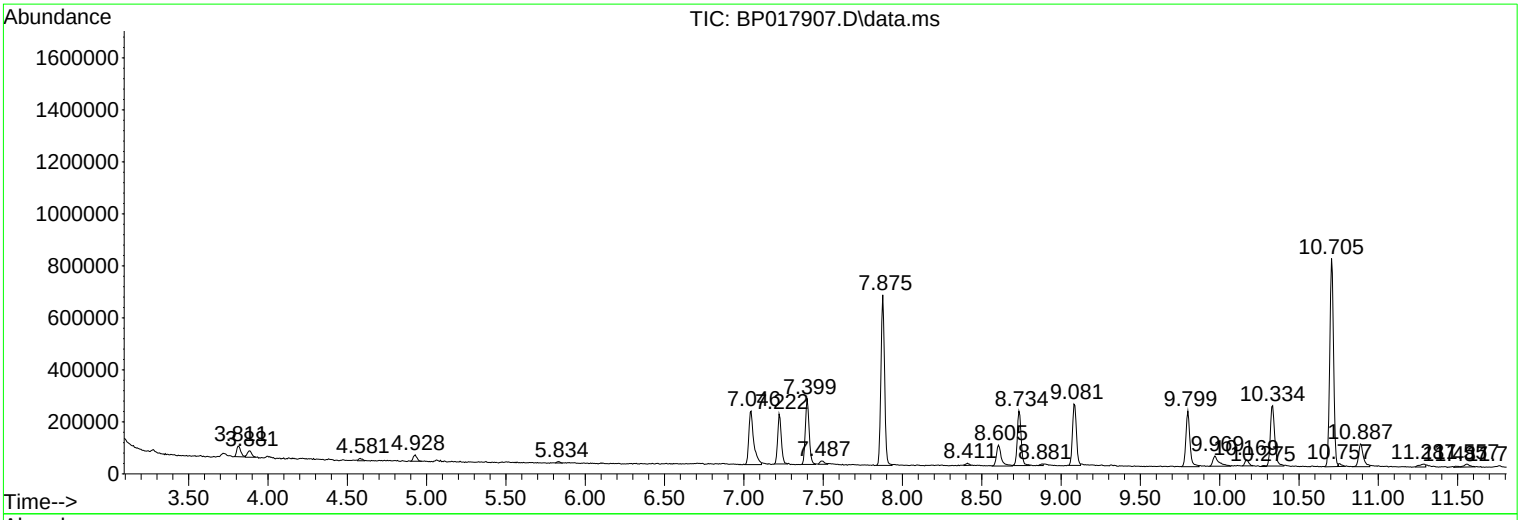
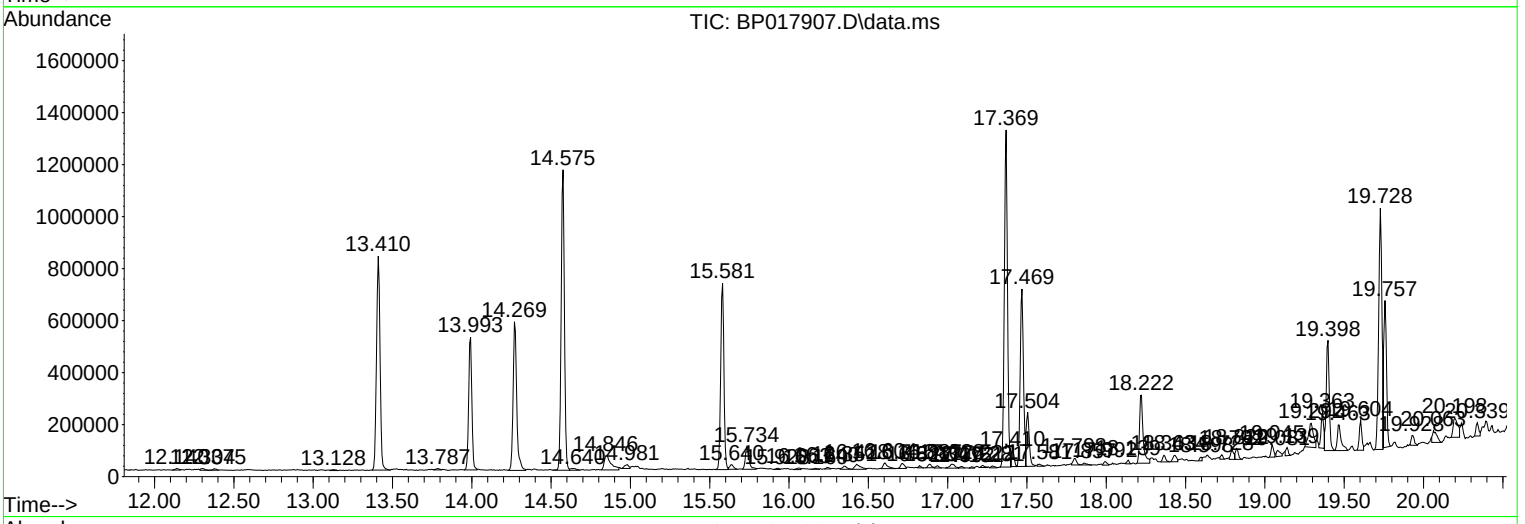
Misc :
ALS Vial : 63 Sample Multiplier: 1

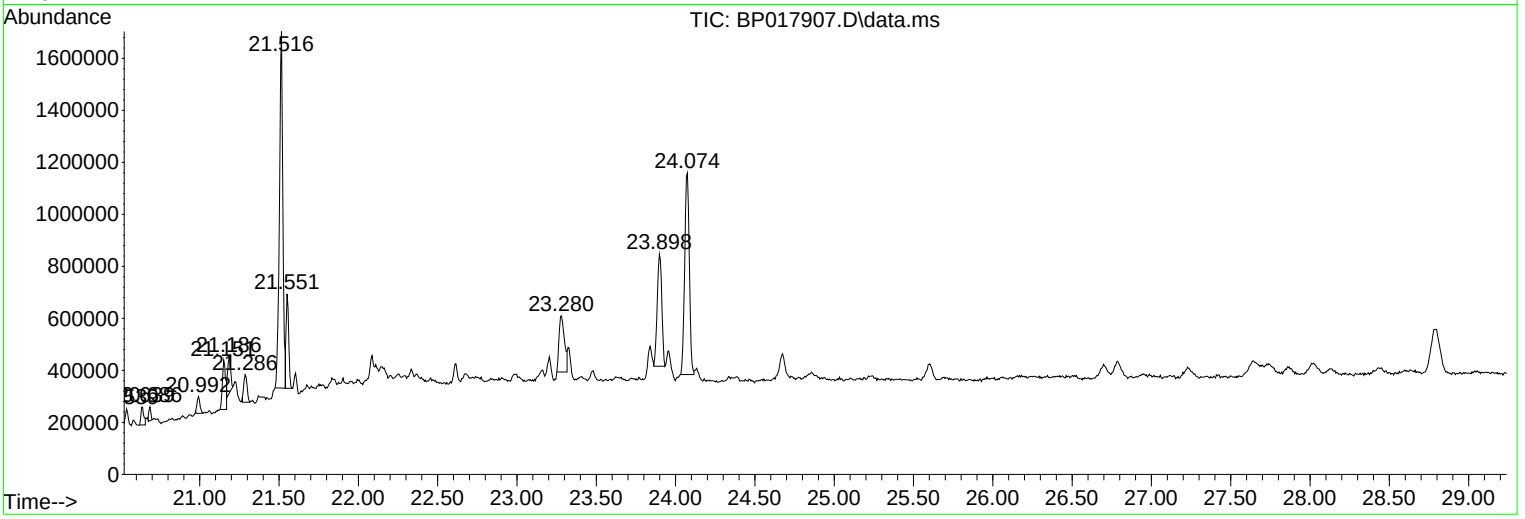
Instrument :
BNA_P
ClientSampleId :
DCKG4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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\BP110123\
Data File : BP017907.D
Acq On : 03 Nov 2023 03:21
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Sample : 05060-06
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ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG4

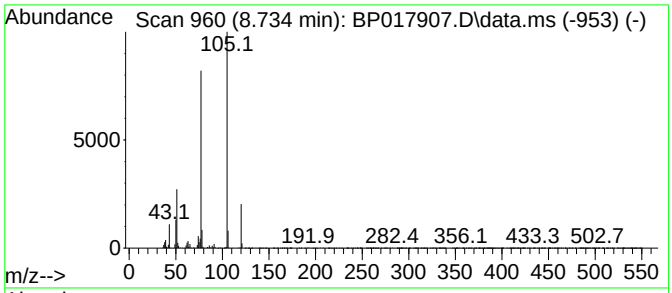
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

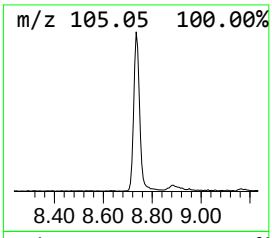
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

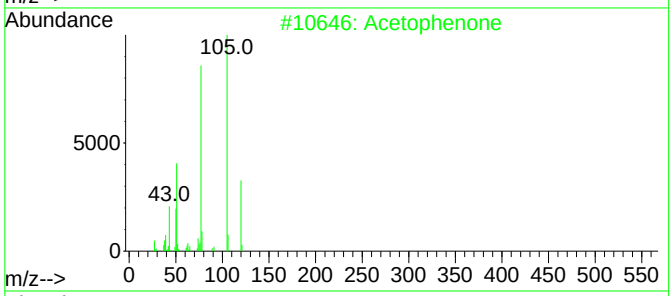
****
Peak Number 1 Aceto phenone Concentration Rank 2

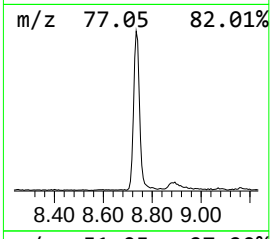
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	6.90 ng/ul	357453	1,4-Dichlorobenzene-d4	7.875

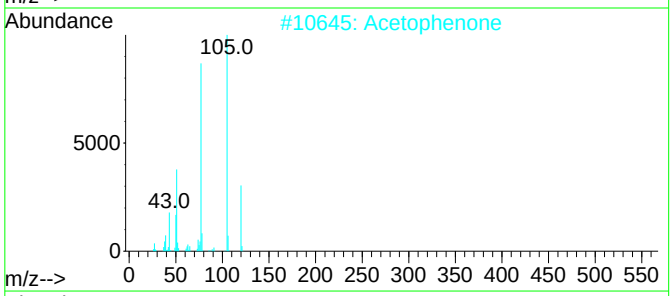
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	94
2	Acetophenone	120	C8H8O	000098-86-2	94
3	Acetophenone	120	C8H8O	000098-86-2	94
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91

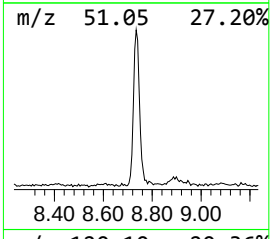


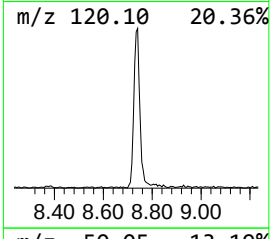


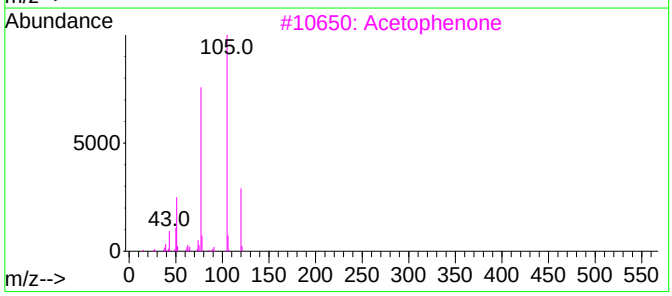


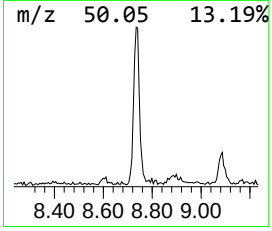












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ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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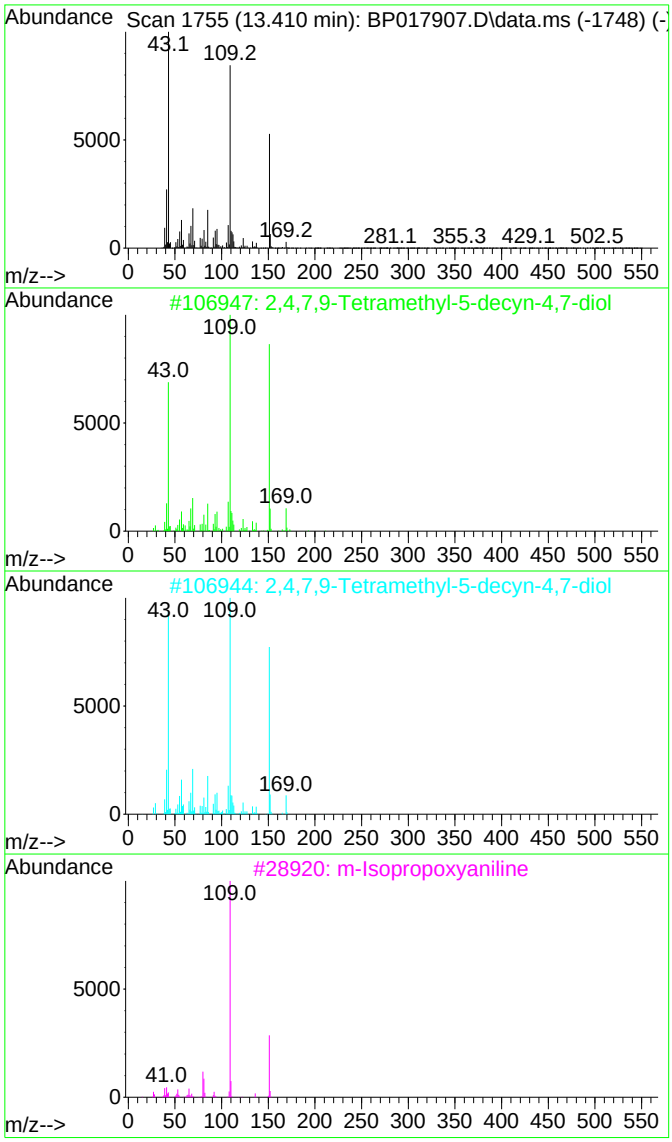
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

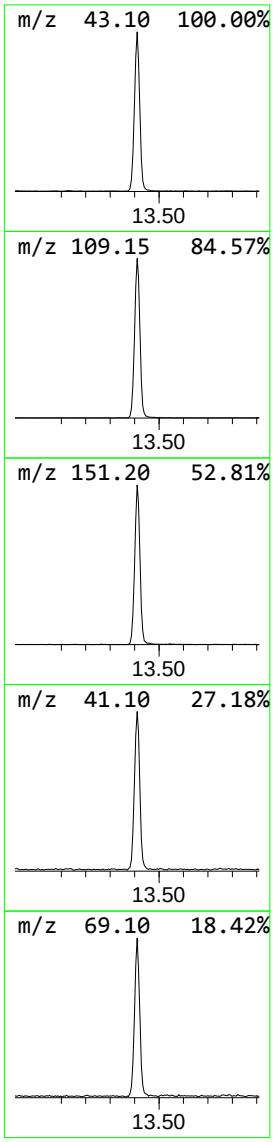
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	15.17 ng/ul	1256460	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	68
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59





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Instrument :
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ClientSampleId :
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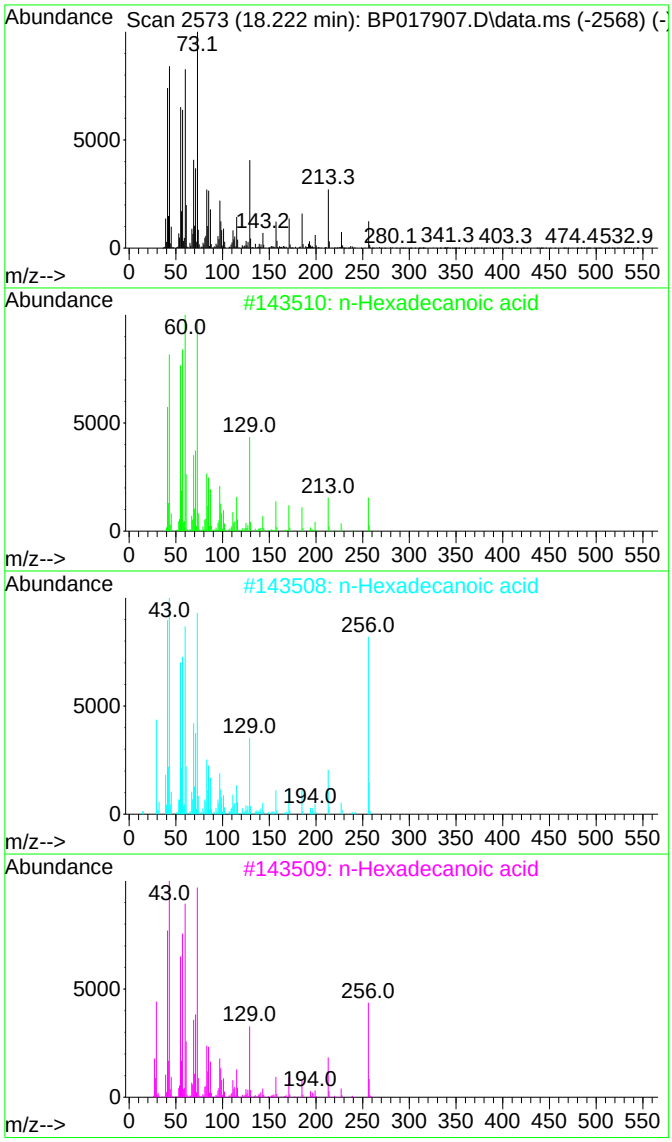
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

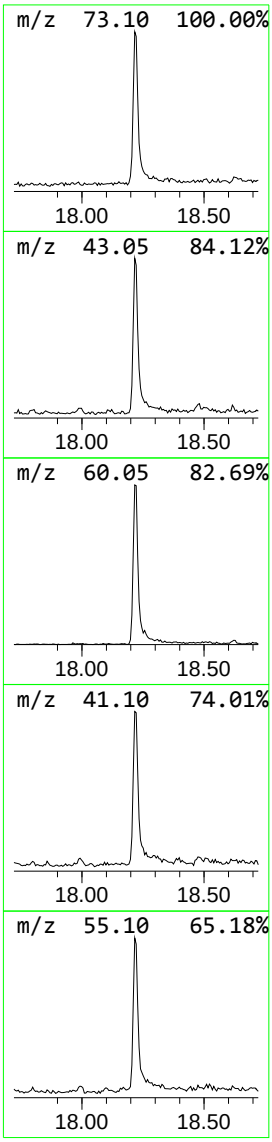
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	4.46 ng/ul	402980	Phenanthrene-d10	17.369

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	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





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ClientSampleId :
DCKG4

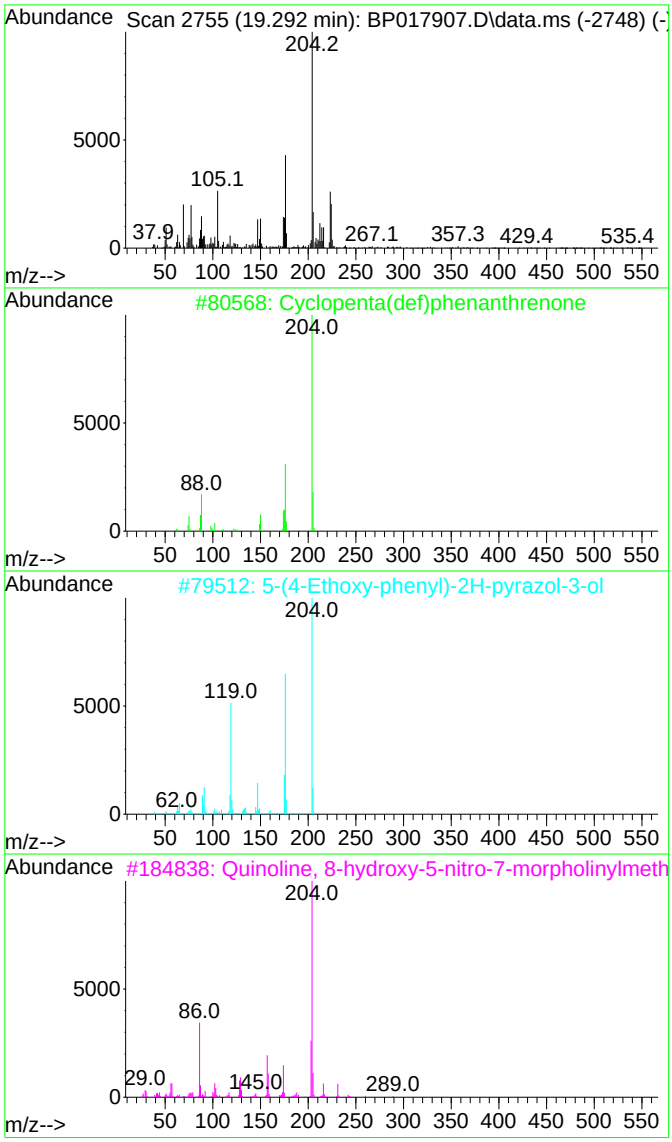
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

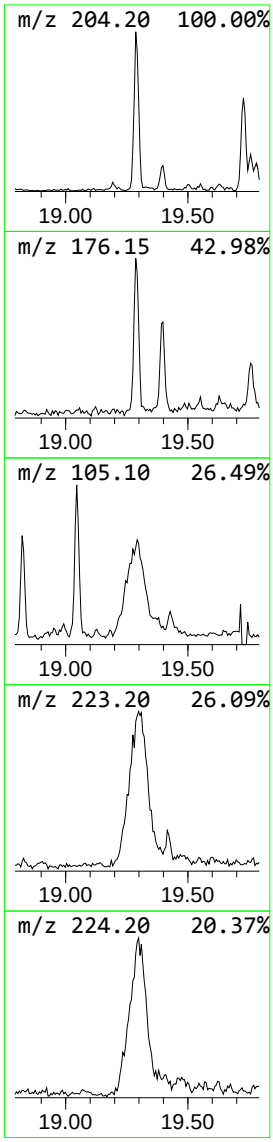
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	2.24 ng/ul	202158	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47
3	Quinoline, 8-hydroxy-5-nitro-7-m...	289	C14H15N3O4	074440-53-2	38
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	35
5	Cyclohexanone, 2-[(4-methoxyphen...	301	C19H27NO2	094318-28-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017907.D
Acq On : 03 Nov 2023 03:21
Operator : MA/JU
Sample : 05060-06
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG4

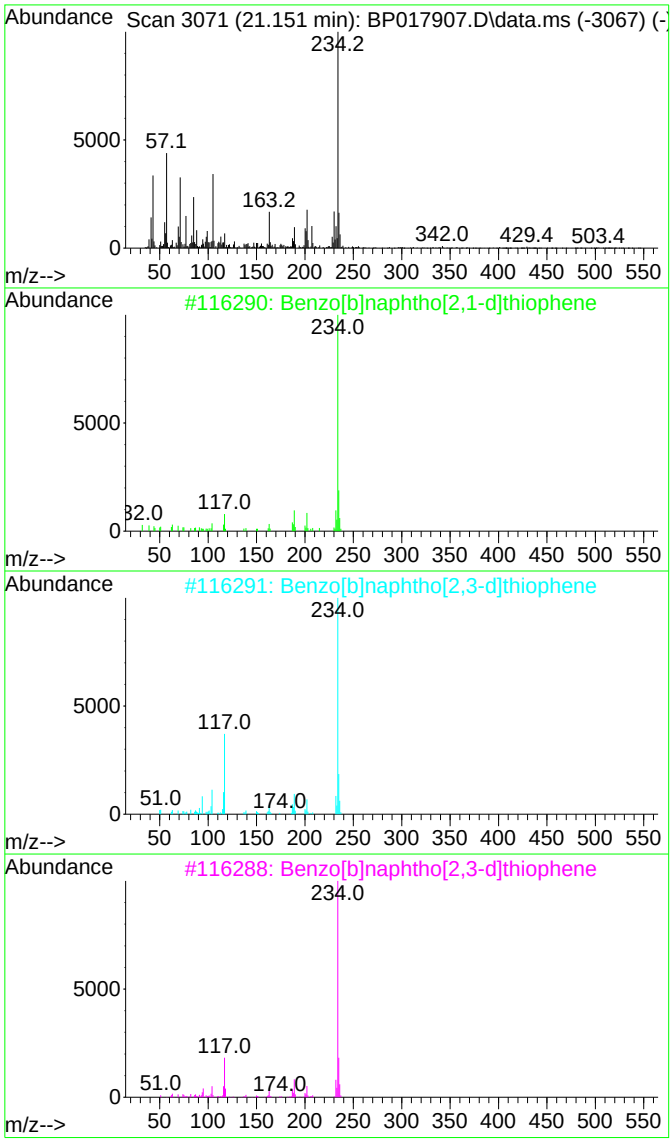
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

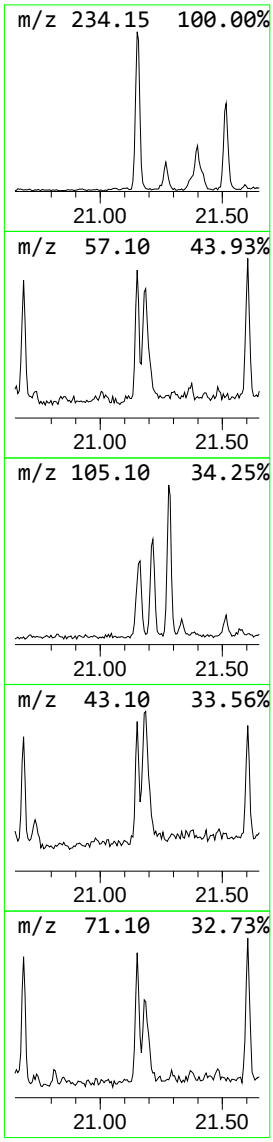
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.151	2.65 ng/ul	276907	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017907.D
Acq On : 03 Nov 2023 03:21
Operator : MA/JU
Sample : 05060-06
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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
Aceto phenone	8.734	6.9	ng/ul	357453	1	7.875	1036530	20.0
2,4,7,9-Tetrame...	13.410	15.2	ng/ul	1256460	3	14.575	1656980	20.0
n-Hexadecanoic ...	18.222	4.5	ng/ul	402980	4	17.369	1805490	20.0
Cyclopenta(def)...	19.292	2.2	ng/ul	202158	4	17.369	1805490	20.0
Benzo[b]naphtho...	21.151	2.6	ng/ul	276907	5	21.516	2086110	20.0