LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013704.D
Acq On : 02 Feb 2023 12:03
Operator : CG/JU
Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A44L2

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-BP020123.M
Title : SVOA CALIBRATION

Signal : TIC: BP013704.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.481	45	50	58	rVB	43291	62497	0.61%	0.068%
2	3.923	121	125	139	rBV	245939	427793	4.19%	0.467%
3	4.158	158	165	169	rVB	20944	31216	0.31%	0.034%
4	4.258	176	182	191	rVB	17449	29638	0.29%	0.032%
5	4.881	283	288	302	rBV	197358	338365	3.32%	0.369%
6	5.211	337	344	351	rVB	31974	50906	0.50%	0.056%
7	5.417	370	379	386	rBV	116178	184131	1.80%	0.201%
8	5.611	410	412	421	rBV	47412	85439	0.84%	0.093%
9	5.881	453	458	469	rVB	45376	77105	0.76%	0.084%
10	6.558	568	573	580	rBV2	14011	22964	0.23%	0.025%
11	7.287	687	697	708	rBV	182555	325070	3.19%	0.355%
12	7.464	719	727	743	rBV	804237	1274115	12.49%	1.390%
13	7.669	754	762	774	rBV	670302	1090939	10.69%	1.190%
14	8.146	830	843	859	rBV	942728	1615495	15.83%	1.763%
15	8.505	898	904	915	rBV	84603	143177	1.40%	0.156%
16	8.846	955	962	970	rBV	610919	1005382	9.85%	1.097%
17	9.052	989	997	1007	rVV	601874	1056695	10.36%	1.153%
18	9.140	1007	1012	1022	rVB	27707	51608	0.51%	0.056%
19	9.316	1034	1042	1054	rBV	757619	1248387	12.23%	1.362%
20	9.722	1106	1111	1117	rVB2	28441	44321	0.43%	0.048%
21	9.811	1119	1126	1131	rBV3	18017	37174	0.36%	0.041%
22	9.993	1149	1157	1159	rBV5	6687	11940	0.12%	0.013%
23	10.046	1159	1166	1181	rVB	620212	1009859	9.90%	1.102%
24	10.587	1249	1258	1268	rBV	1272565	2124691	20.82%	2.318%
25	10.834	1296	1300	1309	rVB2	17305	30408	0.30%	0.033%
26	10.975	1316	1324	1332	rBV	1450313	2465972	24.17%	2.691%
27	11.105	1338	1346	1365	rBV	1106320	1991220	19.51%	2.173%
28	11.363	1386	1390	1396	rVB9	5524	10914	0.11%	0.012%
29	12.369	1553	1561	1571	rVB9	9895	22631	0.22%	0.025%
30	12.481	1576	1580	1586	rVB4	11627	18900	0.19%	0.021%
31	12.552	1586	1592	1597	rBV2	26319	42424	0.42%	0.046%
32	12.728	1618	1622	1626	rBV5	6130	11021	0.11%	0.012%
33	12.940	1653	1658	1662	rBV8	6842	11453	0.11%	0.012%
34	12.993	1662	1667	1672	rVV	27117	40504	0.40%	0.044%
35	13.310	1715	1721	1725	rBV8	10241	17284	0.17%	0.019%
36	13.593	1762	1769	1779	rBV2	29007	59229	0.58%	0.065%

LSC Area Percent Report

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Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44L2

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-BP020123.M
Title : SVOA CALIBRATION

37	14.022	1837	1842	1848	rBV3	12079	19432	0.19%	0.021%
38	14.181	1863	1869	1884	rBV	2776657	3882361	38.05%	4.236%
39	14.298	1885	1889	1896	rVB6	20371	35327	0.35%	0.039%
40	14.357	1896	1899	1903	rVB	11416	15993	0.16%	0.017%
41	14.416	1903	1909	1912	rBV7	6220	13972	0.14%	0.015%
42	14.481	1913	1920	1931	rBV	2962934	4567124	44.76%	4.983%
43	14.657	1946	1950	1959	rVB4	24812	42795	0.42%	0.047%
44	14.781	1964	1971	1979	rBV	2561725	3831494	37.55%	4.181%
45	14.963	1995	2002	2014	rBV	127358	251848	2.47%	0.275%
46	15.175	2033	2038	2049	rVB6	25805	46671	0.46%	0.051%
47	15.281	2052	2056	2061	rBV8	6785	12876	0.13%	0.014%
48	15.775	2131	2140	2152	rBV	4577037	6584370	64.53%	7.184%
49	15.881	2152	2158	2171	rVB	779181	1097003	10.75%	1.197%
50	16.051	2177	2187	2193	rVB2	194464	389460	3.82%	0.425%
51	16.134	2195	2201	2212	rBV	1483167	1973881	19.34%	2.154%
52	16.222	2212	2216	2219	rVB5	9530	12315	0.12%	0.013%
53	16.275	2221	2225	2231	rVB4	19620	28739	0.28%	0.031%
54	16.363	2235	2240	2245	rBV	107869	142626	1.40%	0.156%
55	16.469	2252	2258	2262	rBV9	9950	21884	0.21%	0.024%
56	16.704	2293	2298	2303	rBV	79920	111384	1.09%	0.122%
57	16.757	2303	2307	2310	rBV6	12990	19862	0.19%	0.022%
58	16.910	2330	2333	2337	rBV5	10838	16742	0.16%	0.018%
59	16.992	2343	2347	2354	rBV9	14521	24512	0.24%	0.027%
60	17.181	2375	2379	2383	rBV2	21407	35400	0.35%	0.039%
61	17.328	2401	2404	2407	rBV4	12750	16900	0.17%	0.018%
62	17.540	2433	2440	2450	rBV	3661076	5215934	51.12%	5.691%
63	17.634	2450	2456	2466	rVV	5098641	7473083	73.24%	8.154%
64	17.710	2466	2469	2475	rVB2	48852	65032	0.64%	0.071%
65	17.816	2484	2487	2496	rVB5	27712	59568	0.58%	0.065%
66	18.128	2534	2540	2545	rVB6	15399	35351	0.35%	0.039%
67	18.239	2556	2559	2562	rBV4	19923	28586	0.28%	0.031%
68	18.392	2580	2585	2593	rBV	411789	557600	5.46%	0.608%
69	18.639	2624	2627	2634	rBV2	36333	59014	0.58%	0.064%
70	18.710	2635	2639	2646	rVB	270958	362276	3.55%	0.395%
71	18.798	2651	2654	2658	rVB5	41669	46882	0.46%	0.051%
72	19.045	2693	2696	2702	rVB2	31411	49367	0.48%	0.054%
73	19.434	2758	2762	2766	rBV	72005	95411	0.94%	0.104%
74	19.498	2770	2773	2777	rVV	92709	119311	1.17%	0.130%
75	19.539	2777	2780	2788	rVB	158831	223434	2.19%	0.244%
76	19.616	2789	2793	2799	rBV2	179305	260431	2.55%	0.284%

LSC Area Percent Report

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Acq On : 02 Feb 2023 12:03
Operator : CG/JU
Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44L2

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
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Title : SVOA CALIBRATION

77	19.851	2828	2833	2851	rBV	6824123	10017411	98.17%	10.930%
78	20.822	2995	2998	3003	rBV3	97470	139236	1.36%	0.152%
79	21.004	3026	3029	3034	rBV2	101051	130819	1.28%	0.143%
80	21.286	3073	3077	3086	rBV	797344	1154984	11.32%	1.260%
81	21.498	3109	3113	3122	rBV	1084759	1377907	13.50%	1.503%
82	21.616	3128	3133	3142	rVB	4638683	6085099	59.64%	6.640%
83	22.198	3228	3232	3236	rBV	371585	512596	5.02%	0.559%
84	22.927	3352	3356	3364	rVB	372970	544739	5.34%	0.594%
85	24.033	3536	3544	3556	rVB2	4662728	10203636	100.00%	11.133%
86	24.198	3565	3572	3584	rVB2	3056227	6565588	64.35%	7.164%

Sum of corrected areas: 91649133

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
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Misc :
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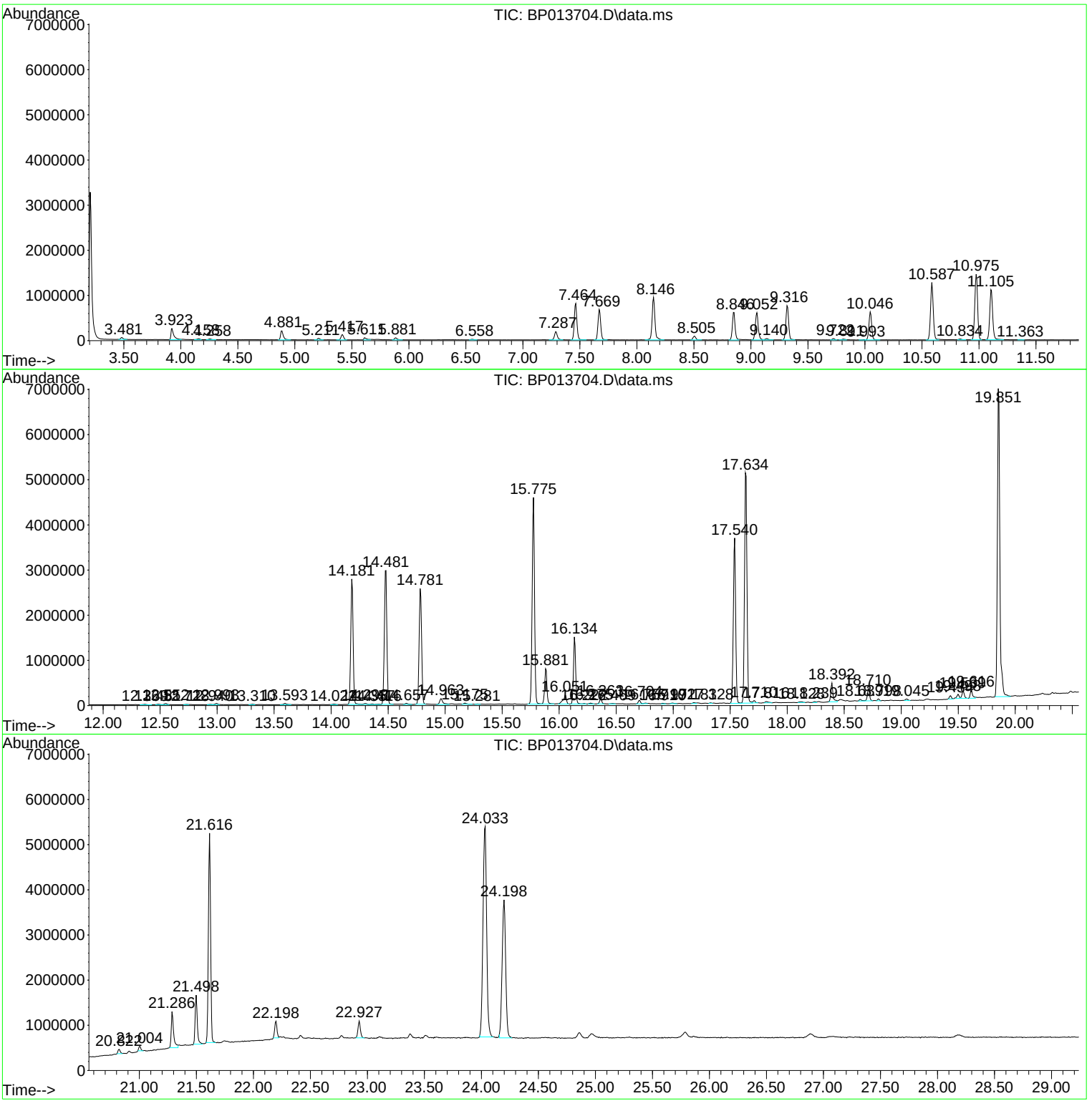
Instrument :
BNA_P
ClientSampleId :
A44L2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013704.D
Acq On : 02 Feb 2023 12:03
Operator : CG/JU
Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44L2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

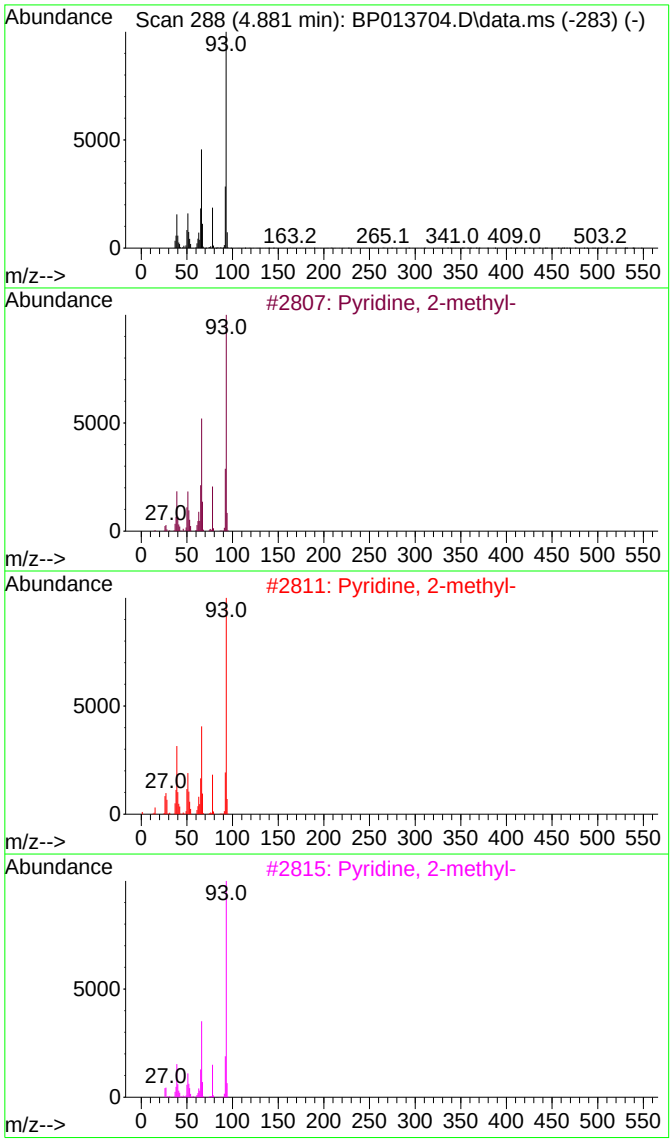
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

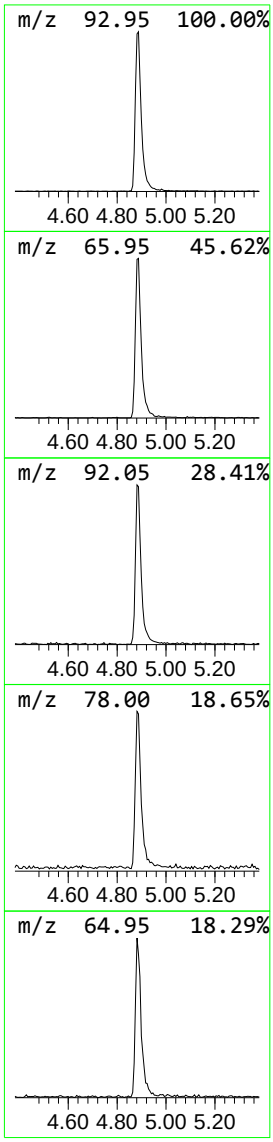
****

Peak Number 1 Pyridine, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	4.19 ng/ul	338365	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	97
2	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	95
3	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	94
4	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	94
5	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013704.D
Acq On : 02 Feb 2023 12:03
Operator : CG/JU
Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44L2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

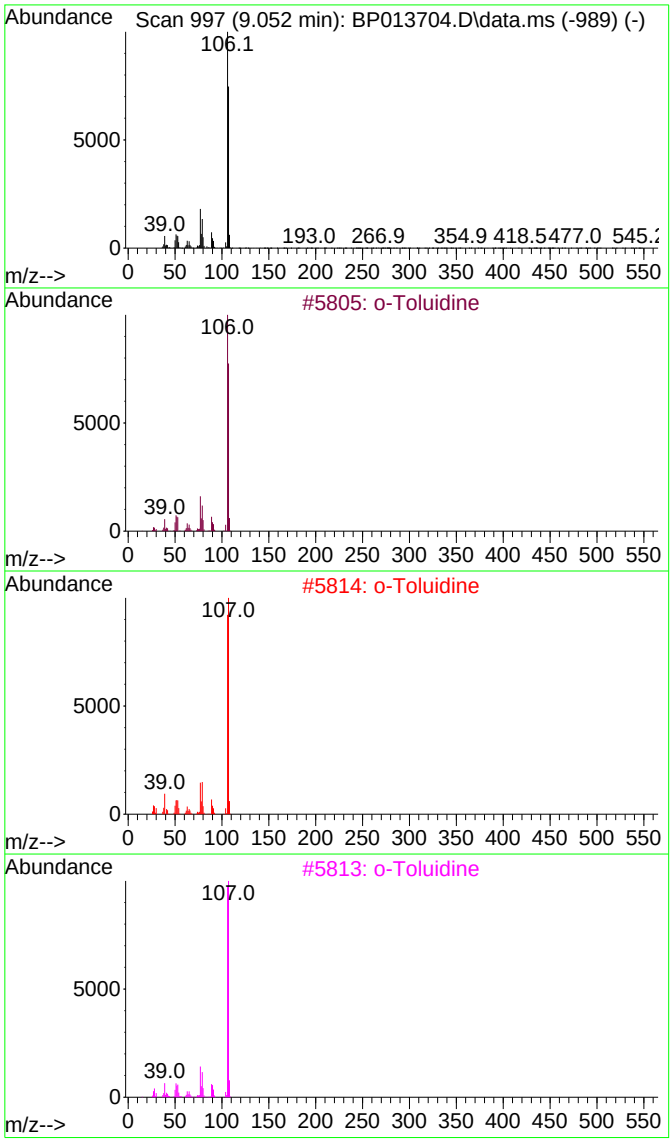
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

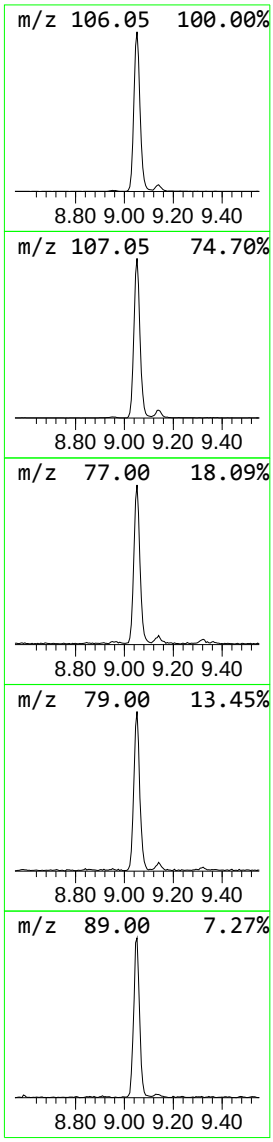
****

Peak Number 3 o-Toluidine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.052	13.08 ng/ul	1056700	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Toluidine	107	C7H9N	000095-53-4	97
2	o-Toluidine	107	C7H9N	000095-53-4	95
3	o-Toluidine	107	C7H9N	000095-53-4	95
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
5	p-Aminotoluene	107	C7H9N	000106-49-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013704.D
Acq On : 02 Feb 2023 12:03
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Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44L2

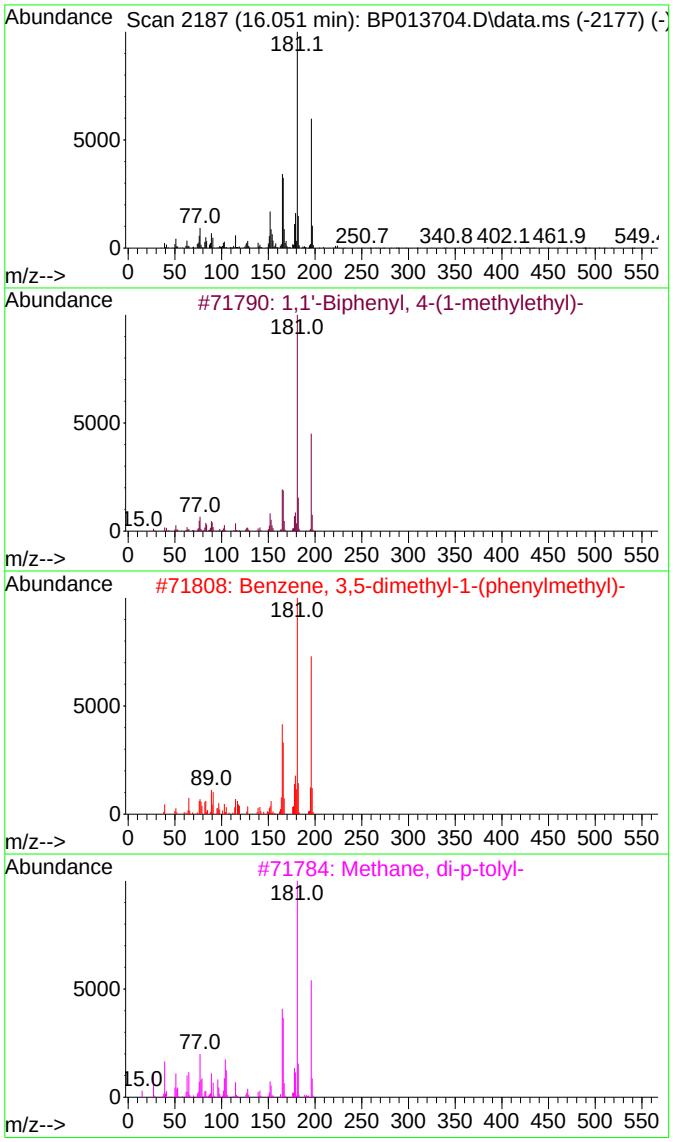
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

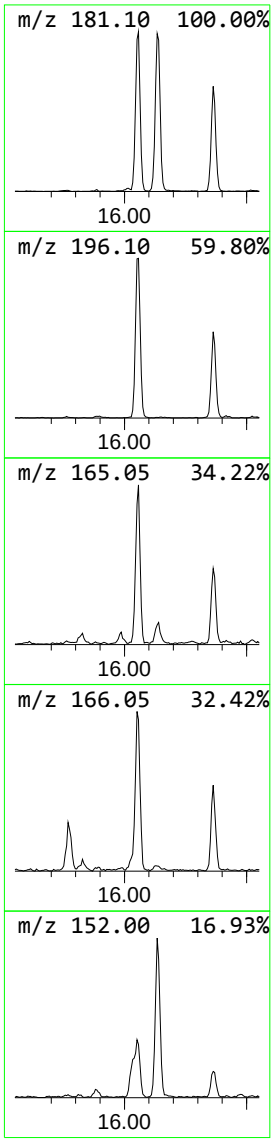
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	2.03 ng/ul	389460	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	95
2	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
4	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
5	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	91





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Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

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

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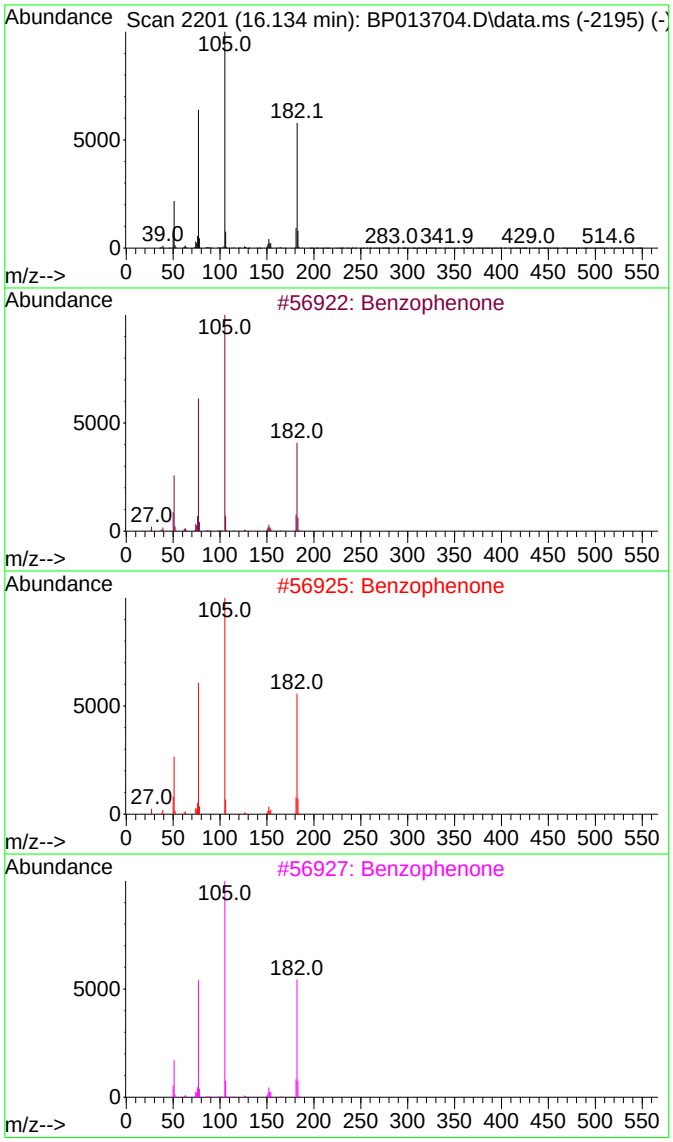
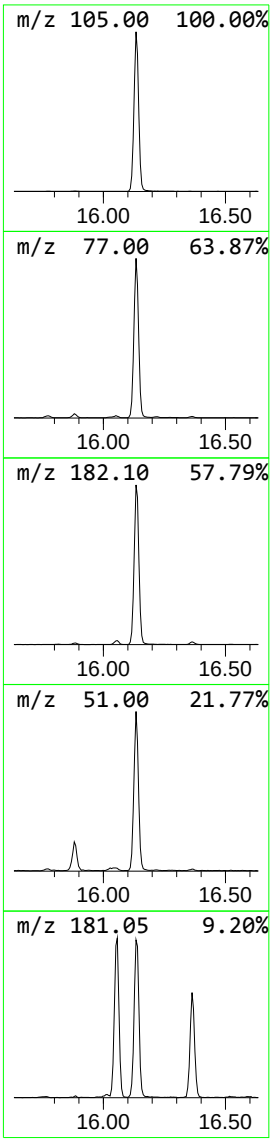
Peak Number 5 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	10.30 ng/ul	1973880	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013704.D
Acq On : 02 Feb 2023 12:03
Operator : CG/JU
Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44L2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

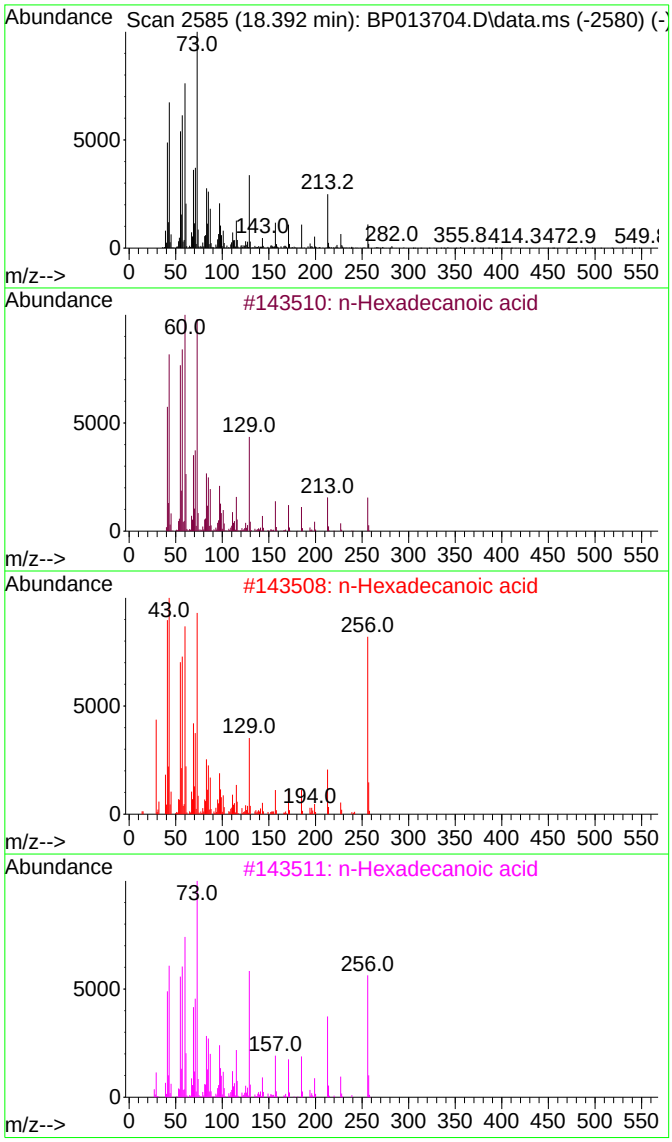
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

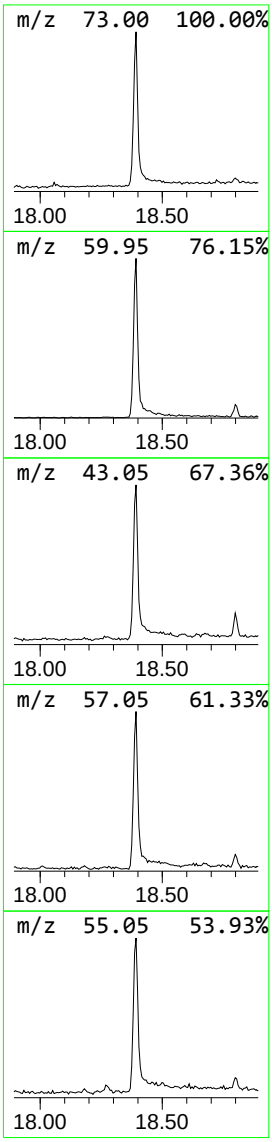
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	2.14 ng/ul	557600	Phenanthrene-d10	17.540

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013704.D
Acq On : 02 Feb 2023 12:03
Operator : CG/JU
Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44L2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

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

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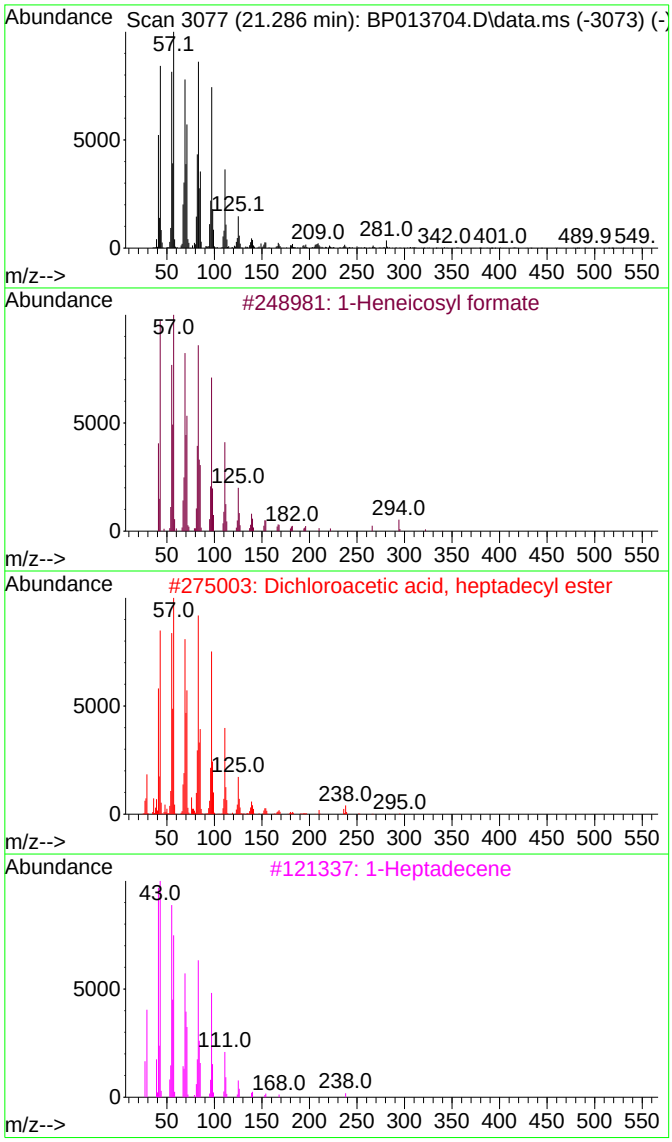
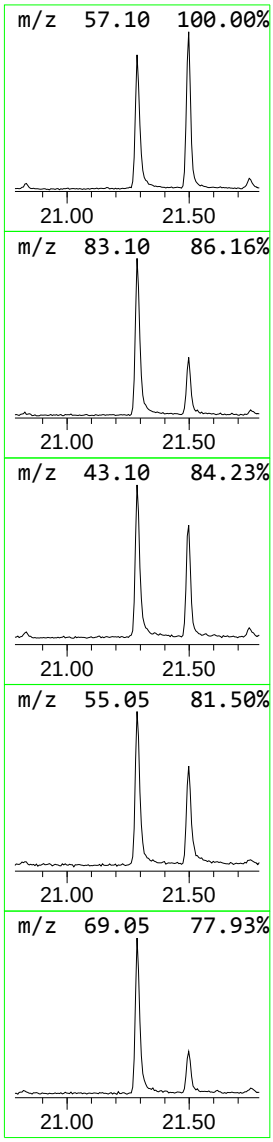
Peak Number 7 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	3.80 ng/ul	1154980	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	1-Heptadecene	238	C17H34	006765-39-5	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013704.D
Acq On : 02 Feb 2023 12:03
Operator : CG/JU
Sample : 01314-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44L2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.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
Pyridine, 2-met...	4.881	4.2	ng/ul	338365	1	8.146	1615500	20.0
o-Toluidine	9.052	13.1	ng/ul	1056700	1	8.146	1615500	20.0
1,1'-Biphenyl, ...	16.051	2.0	ng/ul	389460	3	14.781	3831490	20.0
Benzophenone	16.134	10.3	ng/ul	1973880	3	14.781	3831490	20.0
n-Hexadecanoic ...	18.392	2.1	ng/ul	557600	4	17.540	5215930	20.0
1-Heneicosyl fo...	21.286	3.8	ng/ul	1154980	5	21.616	6085100	20.0