LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013504.D
Acq On : 17 Jan 2023 20:48
Operator : CG/JU
Sample : 01145-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43T9

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-BP010523.M
Title : SVOA CALIBRATION

Signal : TIC: BP013504.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	15	18	24	rVB	56077	90055	1.03%	0.119%
2	3.752	94	96	104	rBV4	39298	89188	1.02%	0.118%
3	3.946	126	129	134	rVB	49513	70023	0.80%	0.092%
4	4.046	143	146	150	rVB	28065	33999	0.39%	0.045%
5	4.152	161	164	170	rVB5	32258	45429	0.52%	0.060%
6	4.422	208	210	214	rVB5	14341	13138	0.15%	0.017%
7	4.987	299	306	316	rBV3	117880	266871	3.04%	0.352%
8	6.281	522	526	532	rBV2	30252	43997	0.50%	0.058%
9	7.063	648	659	671	rBV	706239	1145568	13.06%	1.510%
10	7.228	681	687	694	rBV	576222	862533	9.84%	1.137%
11	7.428	714	721	731	rVB	727392	1127375	12.86%	1.486%
12	7.505	731	734	739	rBV7	12027	17225	0.20%	0.023%
13	7.710	763	769	774	rBV10	10023	22318	0.25%	0.029%
14	7.899	794	801	808	rBV	1422355	2173522	24.79%	2.865%
15	7.958	808	811	816	rVB6	9452	14296	0.16%	0.019%
16	8.610	915	922	934	rBV	846570	1366019	15.58%	1.801%
17	8.728	937	942	949	rVV	63492	107224	1.22%	0.141%
18	8.805	950	955	958	rVB5	11501	15540	0.18%	0.020%
19	9.069	993	1000	1007	rBV	673224	1091646	12.45%	1.439%
20	9.234	1023	1028	1031	rVB7	11461	19690	0.22%	0.026%
21	9.463	1059	1067	1071	rBV5	18823	36595	0.42%	0.048%
22	9.528	1073	1078	1084	rVB3	25967	40896	0.47%	0.054%
23	9.793	1115	1123	1131	rBV	563344	954188	10.88%	1.258%
24	9.957	1146	1151	1155	rBV8	11598	20946	0.24%	0.028%
25	10.334	1206	1215	1228	rBV	839527	1434956	16.36%	1.892%
26	10.710	1270	1279	1287	rBV	1979918	3227961	36.81%	4.255%
27	10.851	1295	1303	1319	rBV	732440	1325437	15.12%	1.747%
28	11.246	1363	1370	1376	rBV	14584	31840	0.36%	0.042%
29	11.516	1411	1416	1418	rBV5	7138	10370	0.12%	0.014%
30	11.963	1487	1492	1496	rVB7	7927	12213	0.14%	0.016%
31	12.028	1499	1503	1509	rBV8	5871	11870	0.14%	0.016%
32	12.116	1514	1518	1524	rVB9	11040	17162	0.20%	0.023%
33	12.204	1529	1533	1539	rBV7	10630	19440	0.22%	0.026%
34	12.304	1544	1550	1555	rVB4	17030	26901	0.31%	0.035%
35	13.069	1676	1680	1683	rBV6	7160	10434	0.12%	0.014%
36	13.357	1726	1729	1734	rBV4	18437	22206	0.25%	0.029%

LSC Area Percent Report

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Sample : 01145-06
Misc :
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Instrument : BNA_P
ClientSampleId : A43T9

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-BP010523.M
Title : SVOA CALIBRATION

37	13.869	1812	1816	1819	rBV6	12362	16912	0.19%	0.022%
38	13.957	1825	1831	1841	rBV	1681990	2316765	26.42%	3.054%
39	14.075	1845	1851	1854	rVB7	11478	18797	0.21%	0.025%
40	14.198	1866	1872	1873	rBV6	8028	12657	0.14%	0.017%
41	14.240	1873	1879	1889	rVV	1884964	2731235	31.15%	3.600%
42	14.545	1925	1931	1939	rVB	2935484	4371054	49.85%	5.762%
43	14.757	1960	1967	1991	rBV	427627	894321	10.20%	1.179%
44	14.969	1997	2003	2011	rBV6	41726	98042	1.12%	0.129%
45	15.239	2045	2049	2051	rBV4	20578	26828	0.31%	0.035%
46	15.316	2059	2062	2063	rBV3	12312	11172	0.13%	0.015%
47	15.498	2088	2093	2094	rBV5	10301	10975	0.13%	0.014%
48	15.545	2094	2101	2108	rVV	2468779	3530287	40.26%	4.654%
49	15.669	2116	2122	2129	rBV	649486	930897	10.62%	1.227%
50	15.828	2140	2149	2157	rVB2	282187	495144	5.65%	0.653%
51	15.910	2157	2163	2169	rBV	824028	1106061	12.61%	1.458%
52	16.139	2197	2202	2208	rVB	174701	234463	2.67%	0.309%
53	16.469	2256	2258	2264	rVB7	12745	20871	0.24%	0.028%
54	16.534	2264	2269	2274	rBV	59856	92084	1.05%	0.121%
55	16.834	2317	2320	2326	rVB5	27612	32059	0.37%	0.042%
56	17.181	2375	2379	2383	rBV5	65724	106032	1.21%	0.140%
57	17.216	2383	2385	2390	rVV3	53134	67223	0.77%	0.089%
58	17.304	2394	2400	2411	rBV	3582845	5264416	60.03%	6.940%
59	17.404	2411	2417	2425	rVV2	2728288	3871072	44.15%	5.103%
60	17.498	2427	2433	2437	rVB6	82146	183718	2.10%	0.242%
61	17.904	2496	2502	2508	rBV4	176126	384073	4.38%	0.506%
62	18.181	2545	2549	2558	rBV	551911	780573	8.90%	1.029%
63	18.251	2559	2561	2566	rVB	80092	118522	1.35%	0.156%
64	18.357	2576	2579	2585	rVB3	108158	142593	1.63%	0.188%
65	18.457	2594	2596	2599	rVB3	57181	57401	0.65%	0.076%
66	18.592	2616	2619	2622	rBV2	118182	141869	1.62%	0.187%
67	19.410	2756	2758	2762	rBV2	231892	259877	2.96%	0.343%
68	19.639	2792	2797	2806	rBV	3628362	4935017	56.28%	6.506%
69	21.292	3074	3078	3083	rVB	7719217	8768921	100.00%	11.560%
70	21.398	3091	3096	3107	rVB	4284362	5804029	66.19%	7.651%
71	23.692	3481	3486	3496	rVB2	2809480	6059236	69.10%	7.988%
72	23.857	3508	3514	3521	rVB2	3081502	6143281	70.06%	8.098%

Sum of corrected areas: 75857548

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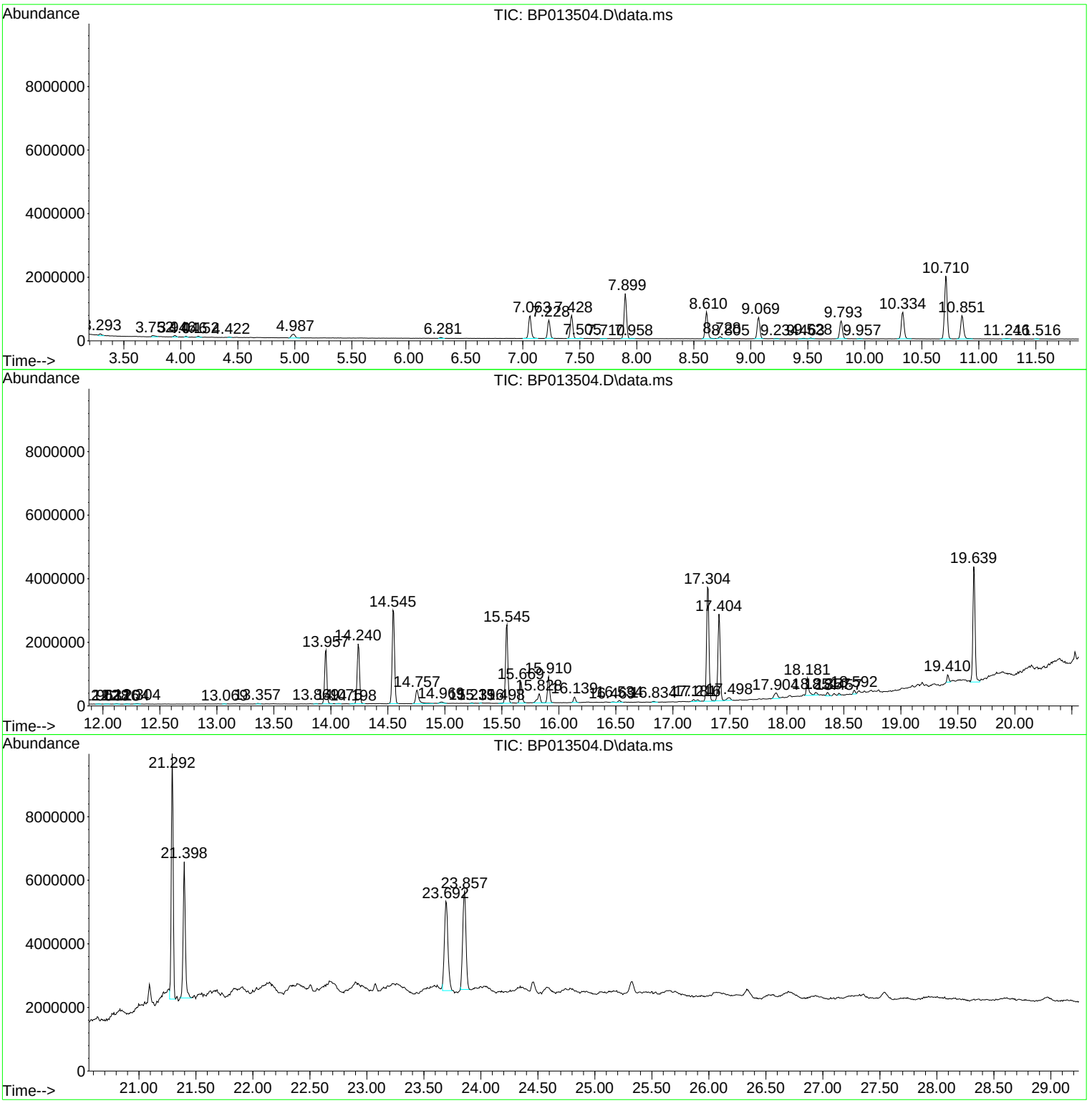
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

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



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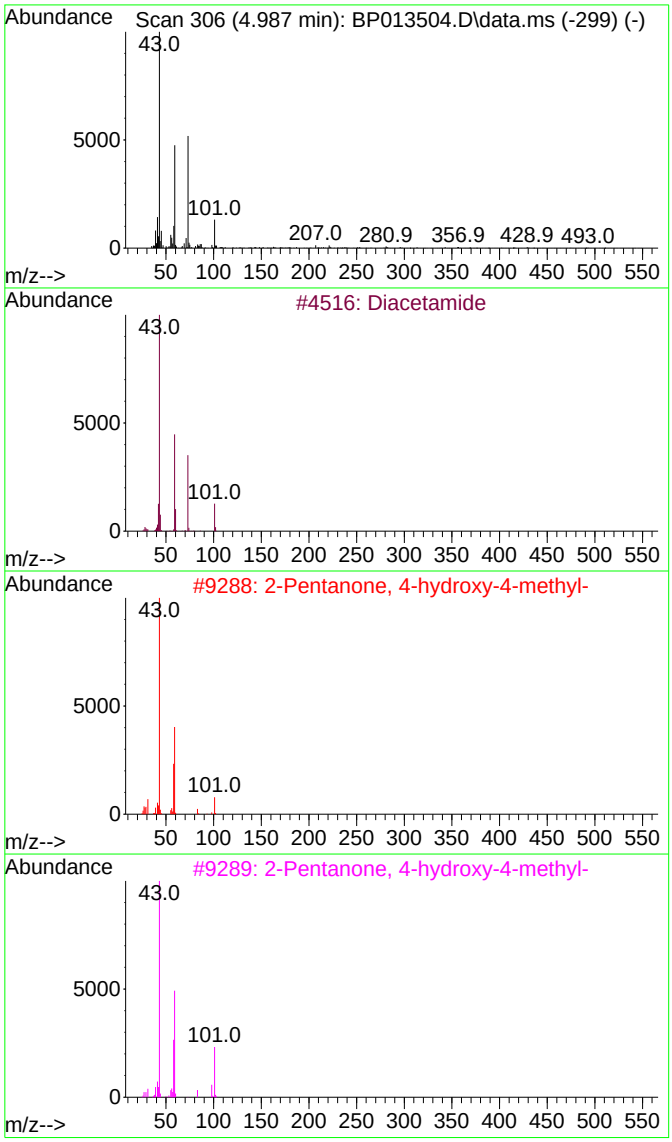
Quant Title : SVOA CALIBRATION

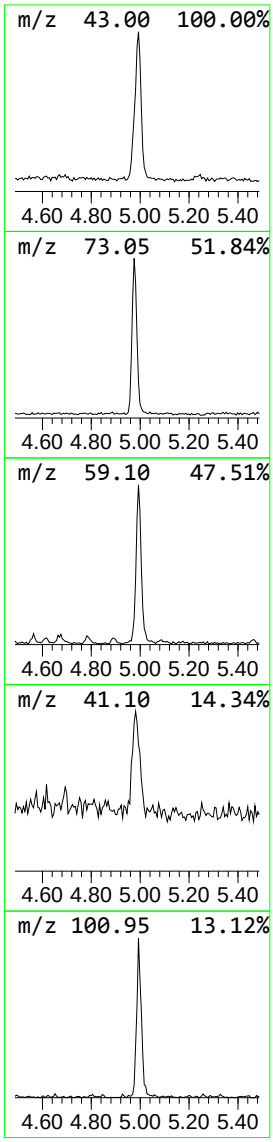
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Diacetamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	2.46 ng/ul	266871	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diacetamide	101	C4H7NO2	000625-77-4	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-(2-methoxyethoxy)propanoic aci...	190	C8H14O5	1000506-61-7	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
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Sample : 01145-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T9

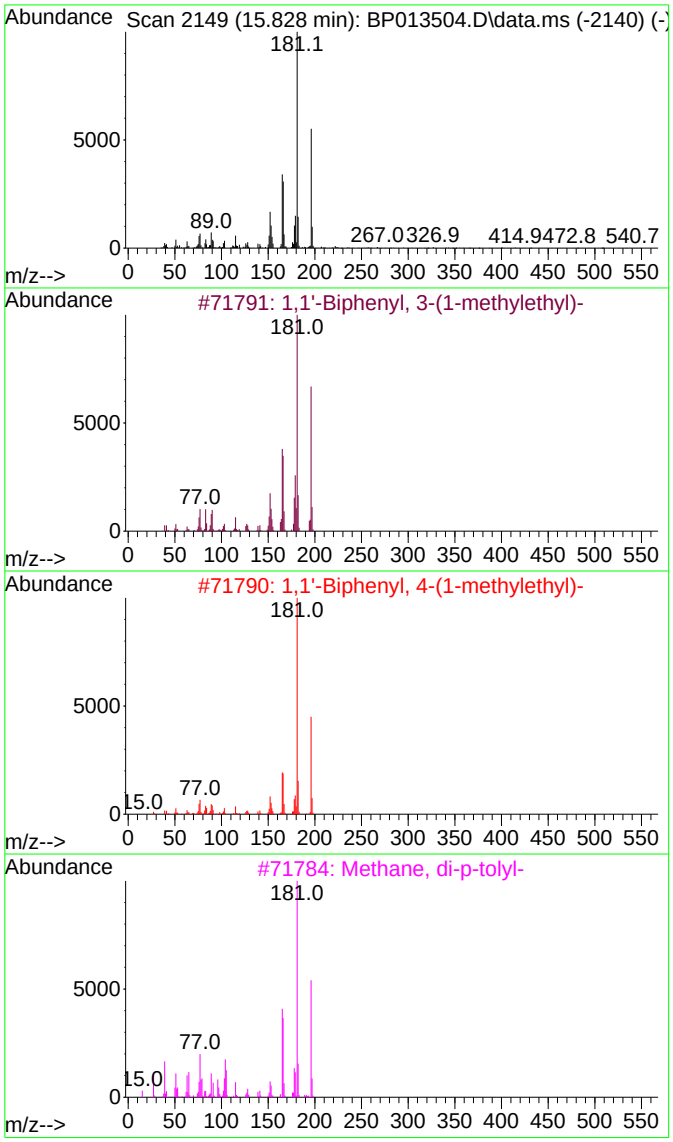
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

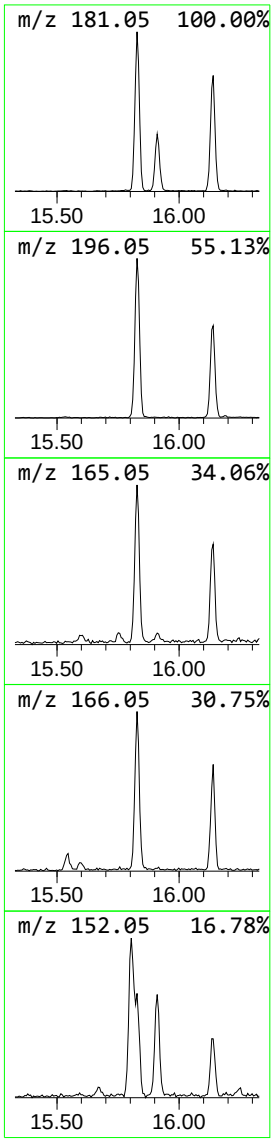
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	2.27 ng/ul	495144	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	94
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	91
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
4	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
5	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	87





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

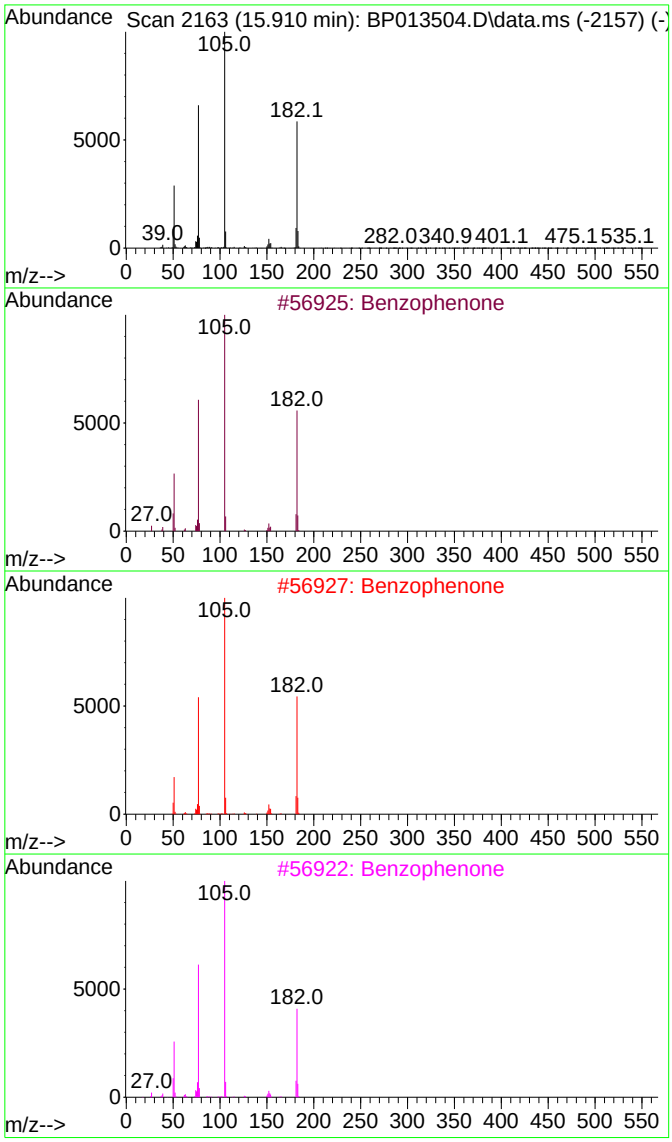
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

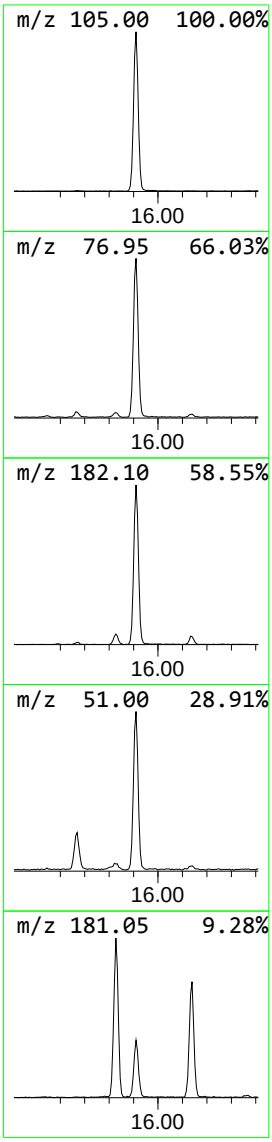
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.910	5.06 ng/ul	1106060	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

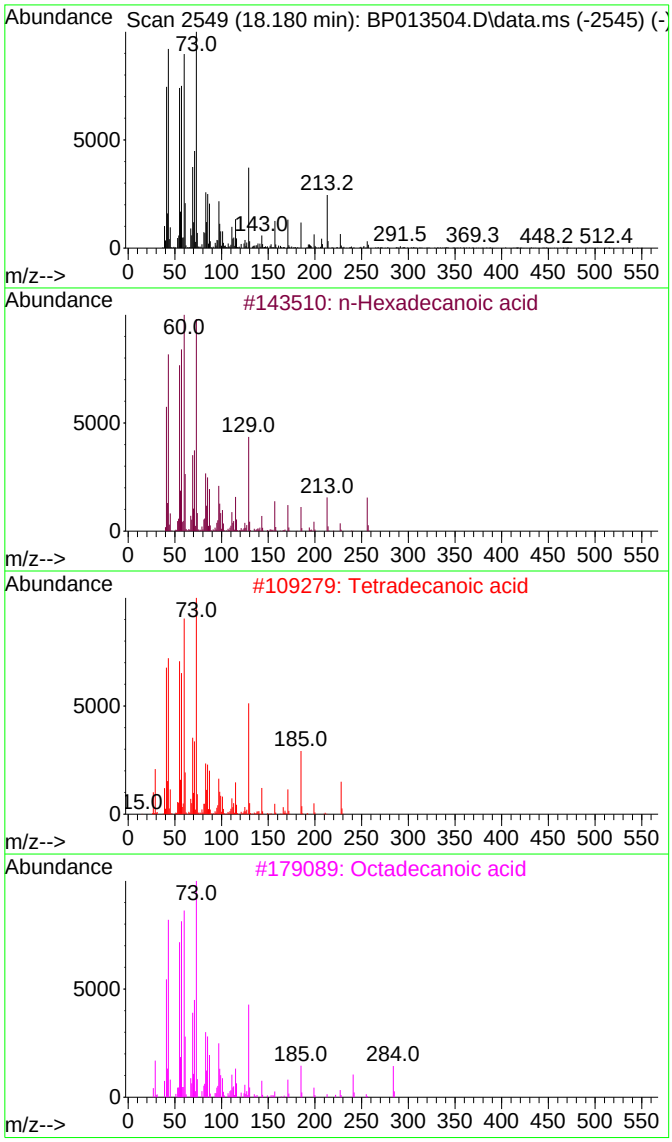
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

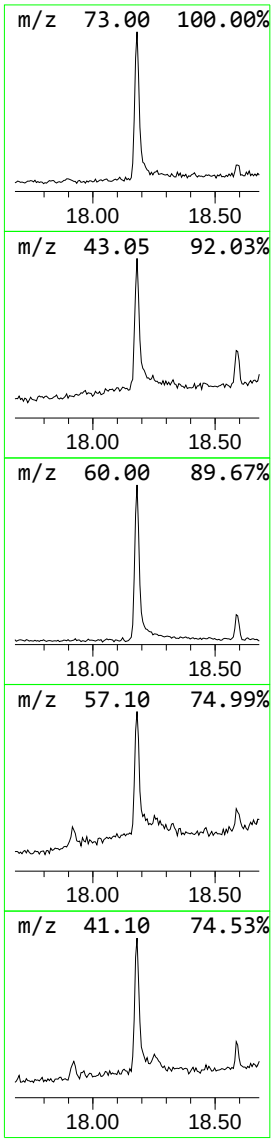
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	2.97 ng/ul	780573	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Tentatively Identified Compound (LSC) summary

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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.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
Diacetamide	4.987	2.5	ng/ul	266871	1	7.899	2173520	20.0
1,1'-Biphenyl, ...	15.828	2.3	ng/ul	495144	3	14.545	4371050	20.0
Benzophenone	15.910	5.1	ng/ul	1106060	3	14.545	4371050	20.0
n-Hexadecanoic ...	18.180	3.0	ng/ul	780573	4	17.310	5264420	20.0