LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013703.D
Acq On : 02 Feb 2023 10:28
Operator : CG/JU
Sample : 01314-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q1

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: BP013703.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.517	53	56	68	rVB2	68698	114931	0.12%	0.030%
2	3.911	120	123	148	rBV	842787	1296053	1.39%	0.336%
3	4.269	174	184	208	rBV3	32133529	93313899	100.00%	24.204%
4	5.199	336	342	355	rVB	590594	831853	0.89%	0.216%
5	7.281	687	696	713	rVB2	1437069	2898753	3.11%	0.752%
6	7.452	718	725	733	rBV	964268	1531671	1.64%	0.397%
7	7.546	734	741	753	rVB	1864370	2853205	3.06%	0.740%
8	7.663	753	761	771	rBV	1174347	1895787	2.03%	0.492%
9	8.134	833	841	853	rVB	978925	1574921	1.69%	0.409%
10	8.840	955	961	972	rVB	1520846	2471779	2.65%	0.641%
11	8.946	972	979	990	rVB	869463	1370685	1.47%	0.356%
12	9.310	1031	1041	1045	rBV	1014024	1703007	1.83%	0.442%
13	9.352	1045	1048	1055	rVB	424163	633024	0.68%	0.164%
14	9.616	1084	1093	1101	rBV	2920966	4456841	4.78%	1.156%
15	10.034	1156	1164	1167	rBV	869111	1486337	1.59%	0.386%
16	10.069	1167	1170	1177	rVV	719081	1115972	1.20%	0.289%
17	10.581	1248	1257	1259	rBV	1692708	3155213	3.38%	0.818%
18	10.963	1310	1322	1327	rBV	1448408	2541871	2.72%	0.659%
19	11.016	1327	1331	1338	rVV	923785	1512286	1.62%	0.392%
20	11.098	1338	1345	1362	rVB	1207022	2108365	2.26%	0.547%
21	11.298	1371	1379	1388	rVB	1674622	2649393	2.84%	0.687%
22	11.663	1433	1441	1448	rBV	57743	103529	0.11%	0.027%
23	12.469	1570	1578	1586	rBV	551724	899000	0.96%	0.233%
24	12.610	1595	1602	1614	rVV	2288632	3584084	3.84%	0.930%
25	12.734	1617	1623	1630	rVV4	58781	119442	0.13%	0.031%
26	12.828	1631	1639	1648	rVV	3631419	5593658	5.99%	1.451%
27	12.951	1653	1660	1672	rVB2	2731372	5345585	5.73%	1.387%
28	13.204	1695	1703	1724	rBV	2894251	4487321	4.81%	1.164%
29	13.610	1764	1772	1776	rBV	5649139	8251442	8.84%	2.140%
30	13.651	1776	1779	1791	rVB	1220617	1706885	1.83%	0.443%
31	14.175	1860	1868	1881	rBV	3248772	4478656	4.80%	1.162%
32	14.345	1890	1897	1905	rBV	1971624	2683373	2.88%	0.696%
33	14.469	1911	1918	1921	rBV	3546223	5893799	6.32%	1.529%
34	14.775	1959	1970	1975	rBV	2584797	3839689	4.11%	0.996%
35	14.834	1975	1980	1984	rVV	1692007	2539974	2.72%	0.659%
36	14.875	1984	1987	1994	rVV	1786339	2401848	2.57%	0.623%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013703.D
Acq On : 02 Feb 2023 10:28
Operator : CG/JU
Sample : 01314-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q1

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	14.951	1994	2000	2009	rVV	1534215	2312916	2.48%	0.600%
38	15.039	2009	2015	2019	rVV	4666595	6641724	7.12%	1.723%
39	15.087	2019	2023	2031	rVV	4120723	6052445	6.49%	1.570%
40	15.169	2031	2037	2048	rVB	1540408	2170934	2.33%	0.563%
41	15.763	2131	2138	2142	rBV	5048651	7216476	7.73%	1.872%
42	15.810	2142	2146	2152	rVV2	3574088	5992759	6.42%	1.554%
43	15.886	2152	2159	2172	rVV2	3240241	5787772	6.20%	1.501%
44	16.828	2312	2319	2331	rVB	4914889	6706429	7.19%	1.740%
45	17.169	2369	2377	2392	rBV	5938026	8517552	9.13%	2.209%
46	17.345	2399	2407	2419	rVB	6513889	9165189	9.82%	2.377%
47	17.528	2431	2438	2442	rBV	3831638	5459957	5.85%	1.416%
48	17.569	2442	2445	2450	rVV	2415781	3233121	3.46%	0.839%
49	17.628	2450	2455	2458	rVV	5637831	8402096	9.00%	2.179%
50	17.663	2458	2461	2478	rVB	3930077	5222971	5.60%	1.355%
51	17.922	2497	2505	2521	rBV	7577223	10859093	11.64%	2.817%
52	18.128	2534	2540	2544	rBV	402397	528652	0.57%	0.137%
53	19.416	2755	2759	2764	rBV	82496	112250	0.12%	0.029%
54	19.516	2767	2776	2788	rVV	5732127	7528769	8.07%	1.953%
55	19.845	2825	2832	2834	rBV	7518646	10708355	11.48%	2.778%
56	19.869	2834	2836	2845	rVB	5678290	7024737	7.53%	1.822%
57	21.586	3122	3128	3135	rBV2	9479294	18788250	20.13%	4.873%
58	21.645	3135	3138	3148	rVB	3327031	4311248	4.62%	1.118%
59	23.386	3426	3434	3445	rVB	5307376	9684387	10.38%	2.512%
60	24.010	3533	3540	3545	rBV2	5267360	11234736	12.04%	2.914%
61	24.063	3545	3549	3559	rVB	2906377	5609590	6.01%	1.455%
62	24.174	3561	3568	3579	rVB2	3069433	6756884	7.24%	1.753%
63	26.909	4020	4033	4050	rVB2	5916289	21180663	22.70%	5.494%
64	27.727	4163	4172	4191	rVB	1425231	4880975	5.23%	1.266%

Sum of corrected areas: 385535061

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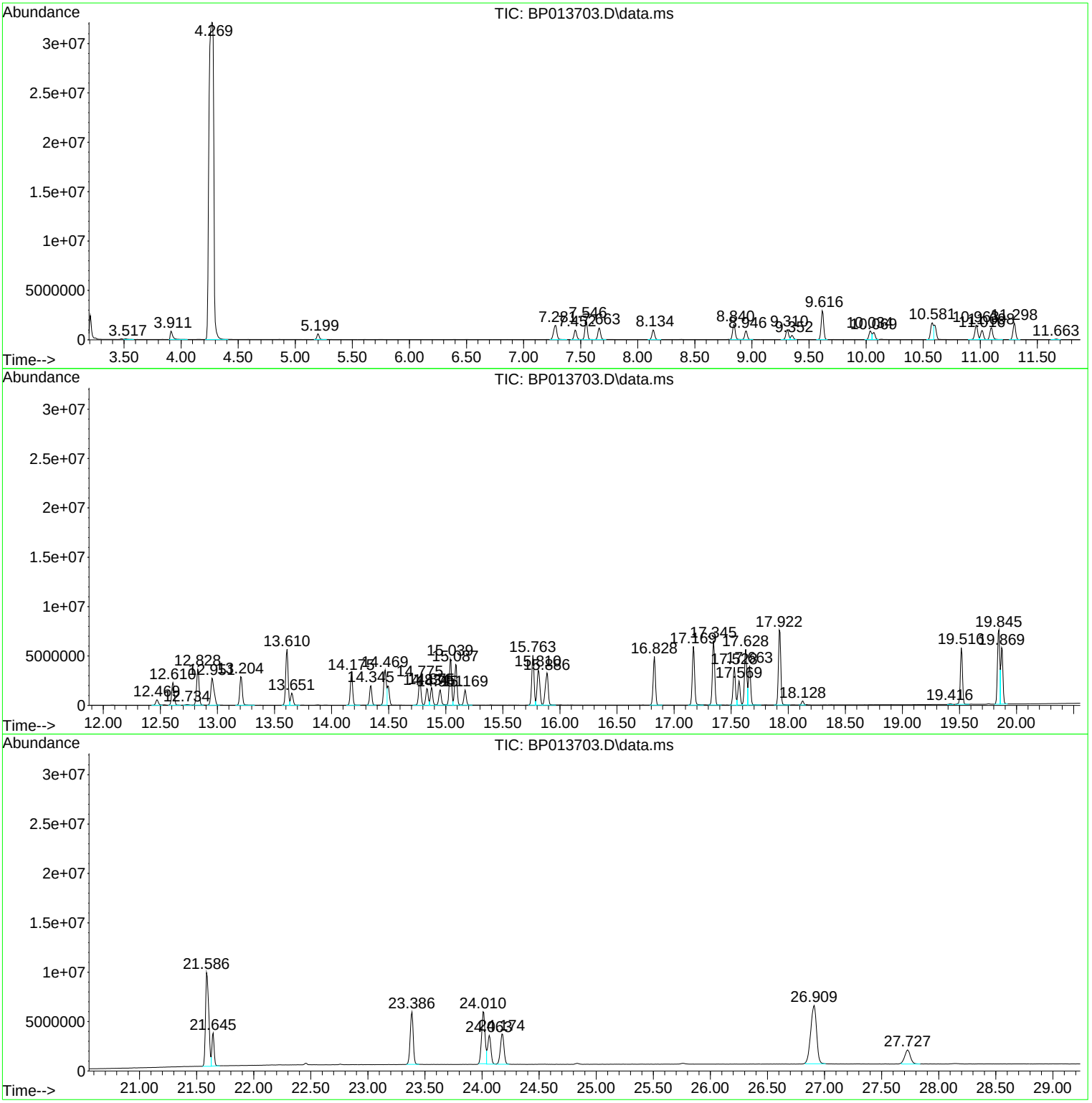
ClientSampleId :
A44Q1

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 : BP013703.D
Acq On : 02 Feb 2023 10:28
Operator : CG/JU
Sample : 01314-04
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

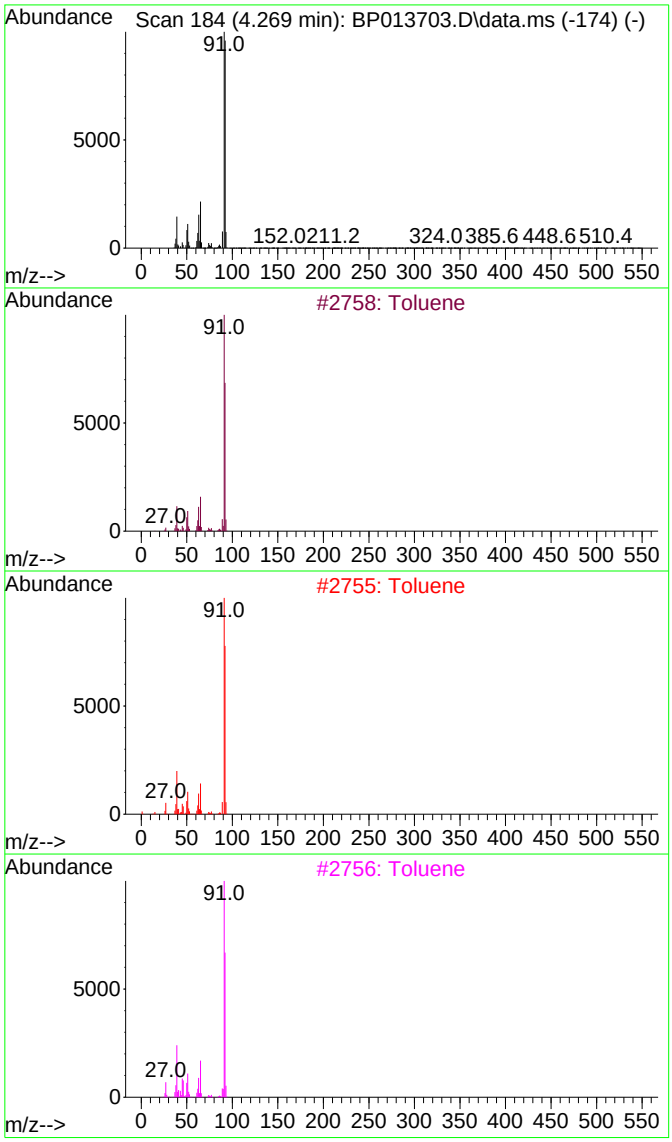
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

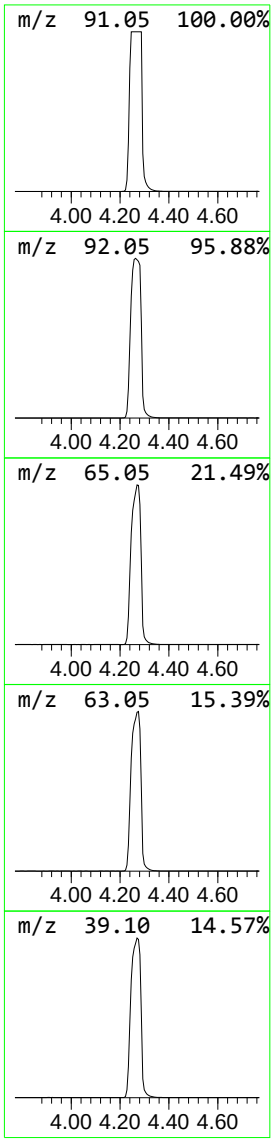
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.269	1185.00 ng/ul	93313900	1,4-Dichlorobenzene-d4	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013703.D
Acq On : 02 Feb 2023 10:28
Operator : CG/JU
Sample : 01314-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q1

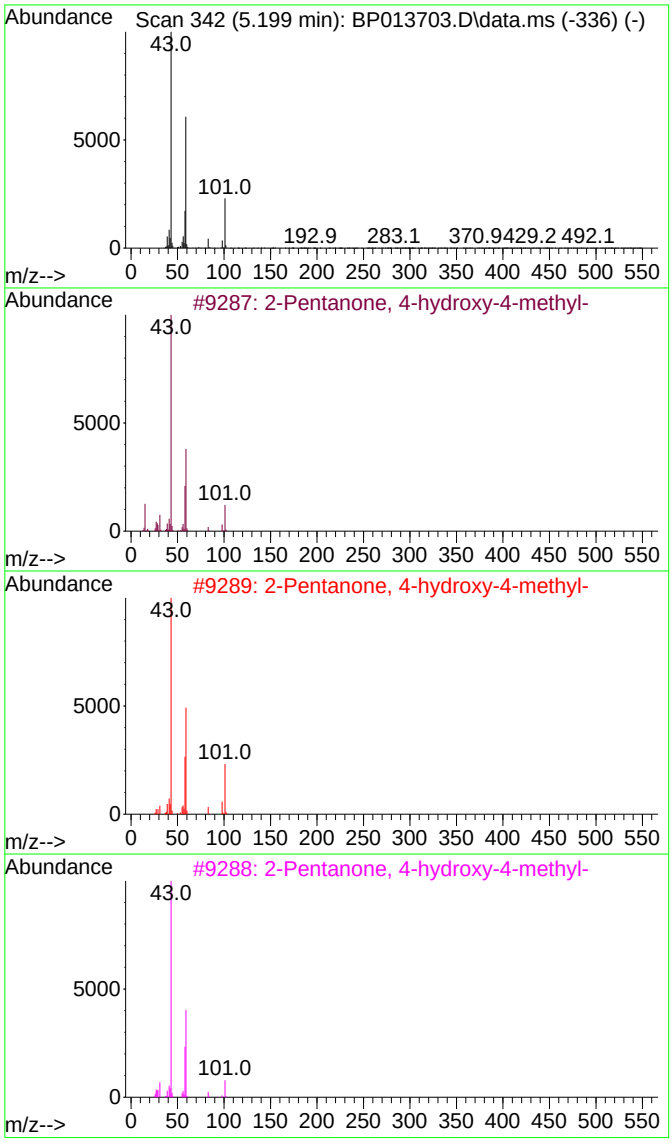
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

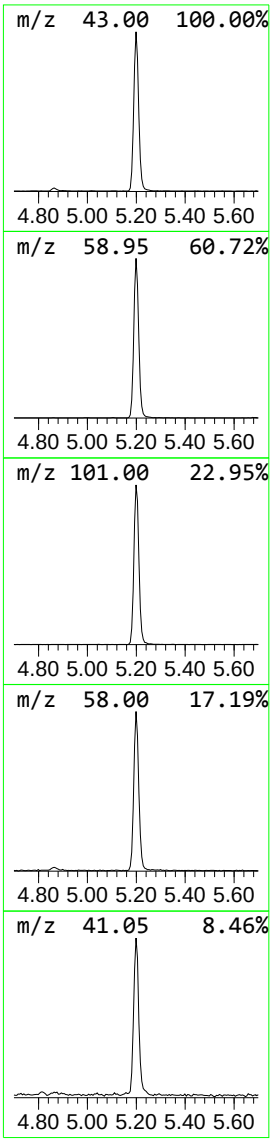
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.199	10.56 ng/ul	831853	1,4-Dichlorobenzene-d4	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013703.D
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Operator : CG/JU
Sample : 01314-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q1

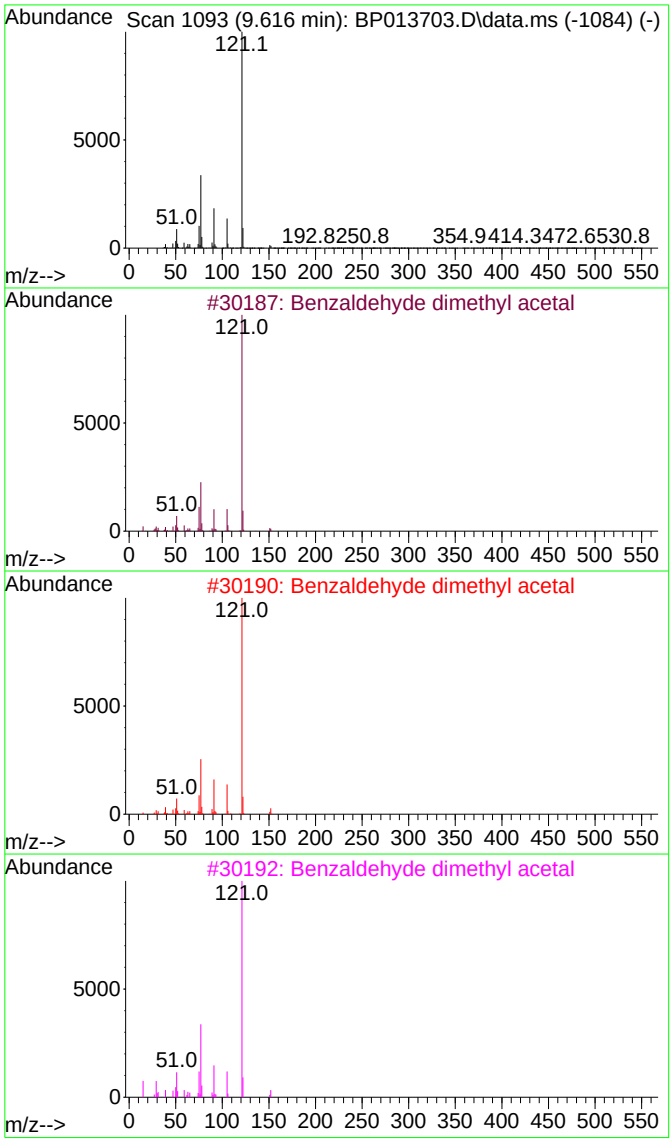
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

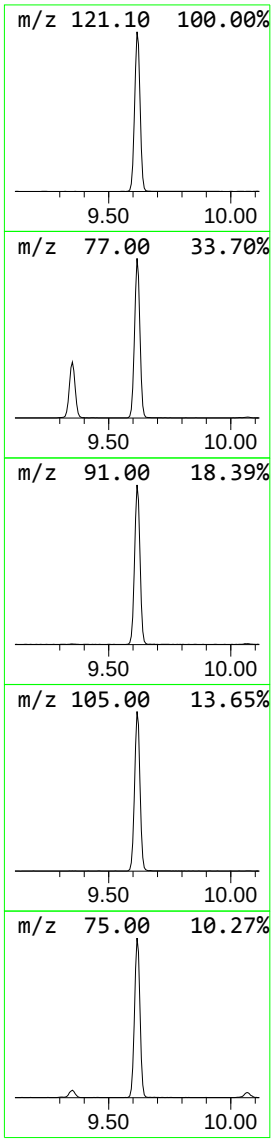
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzaldehyde dimethyl acetal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	35.07 ng/ul	4456840	Naphthalene-d8	10.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
2	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
3	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
4	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	86
5	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013703.D
Acq On : 02 Feb 2023 10:28
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Sample : 01314-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q1

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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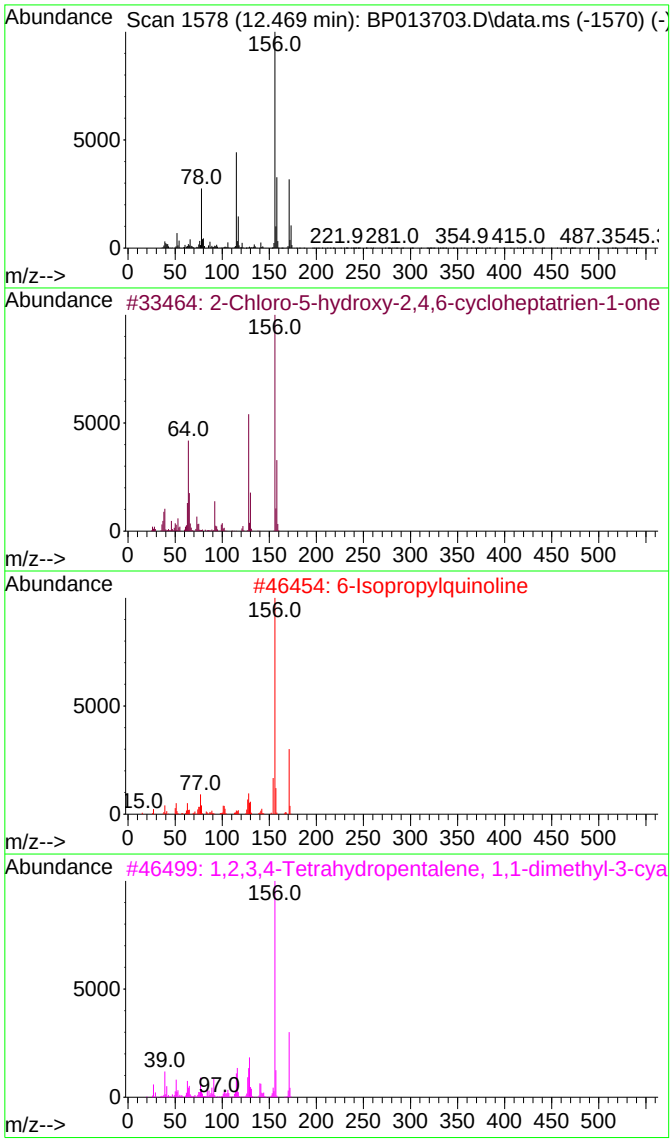
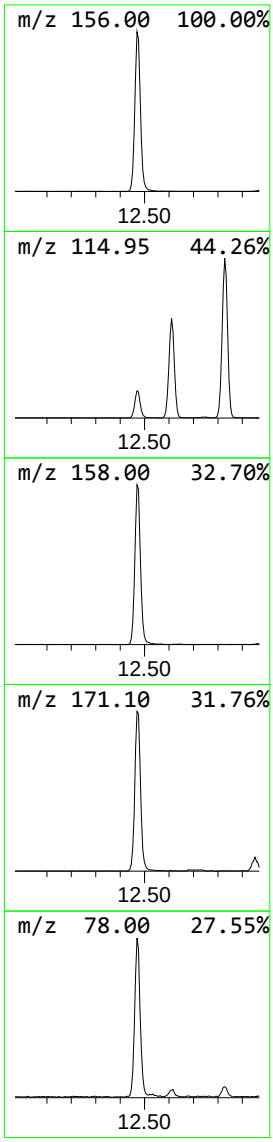
Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	7.07 ng/ul	899000	Naphthalene-d8	10.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32
5	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	32





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Acq On : 02 Feb 2023 10:28
Operator : CG/JU
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ALS Vial : 4 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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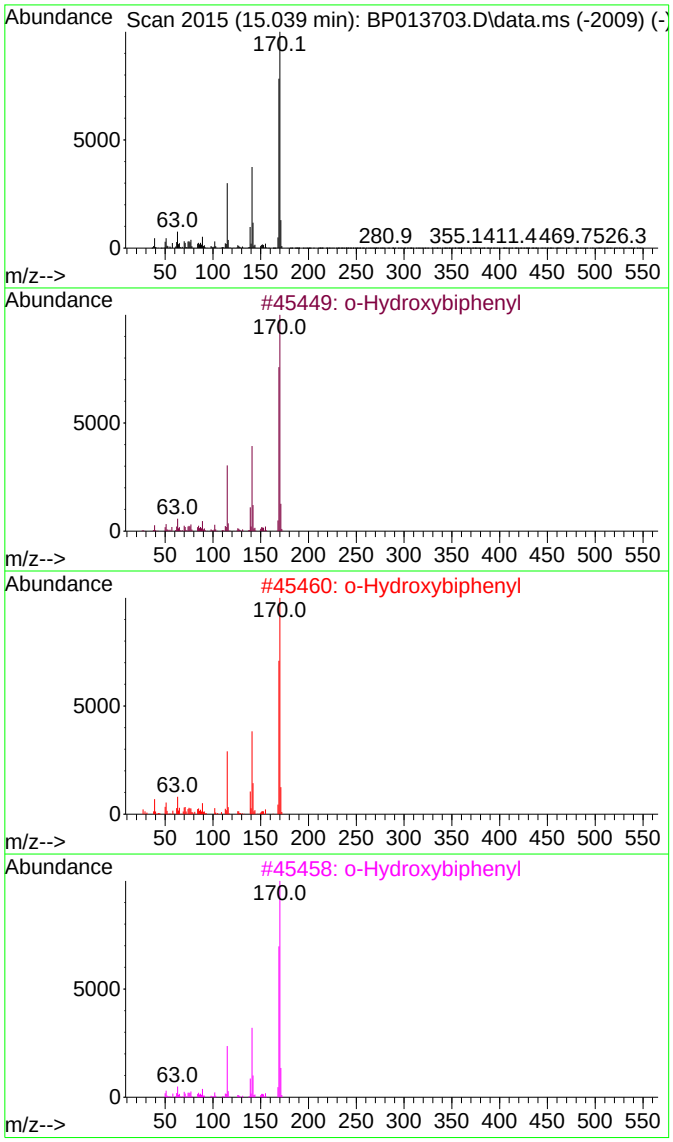
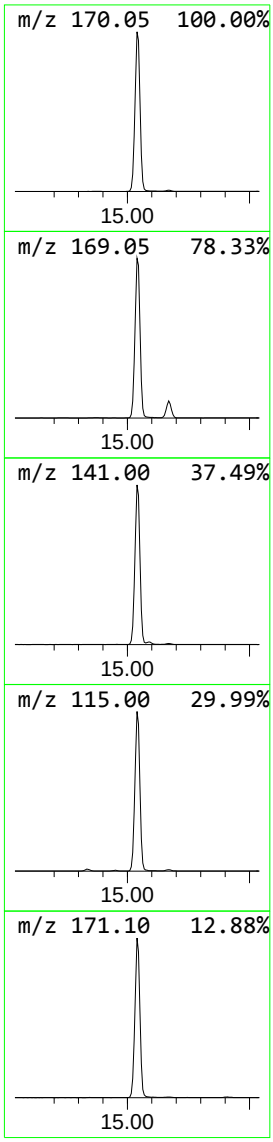
Peak Number 5 o-Hydroxybiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.040	34.60 ng/ul	6641720	Acenaphthene-d10	14.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94





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ALS Vial : 4 Sample Multiplier: 1

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BNA_P
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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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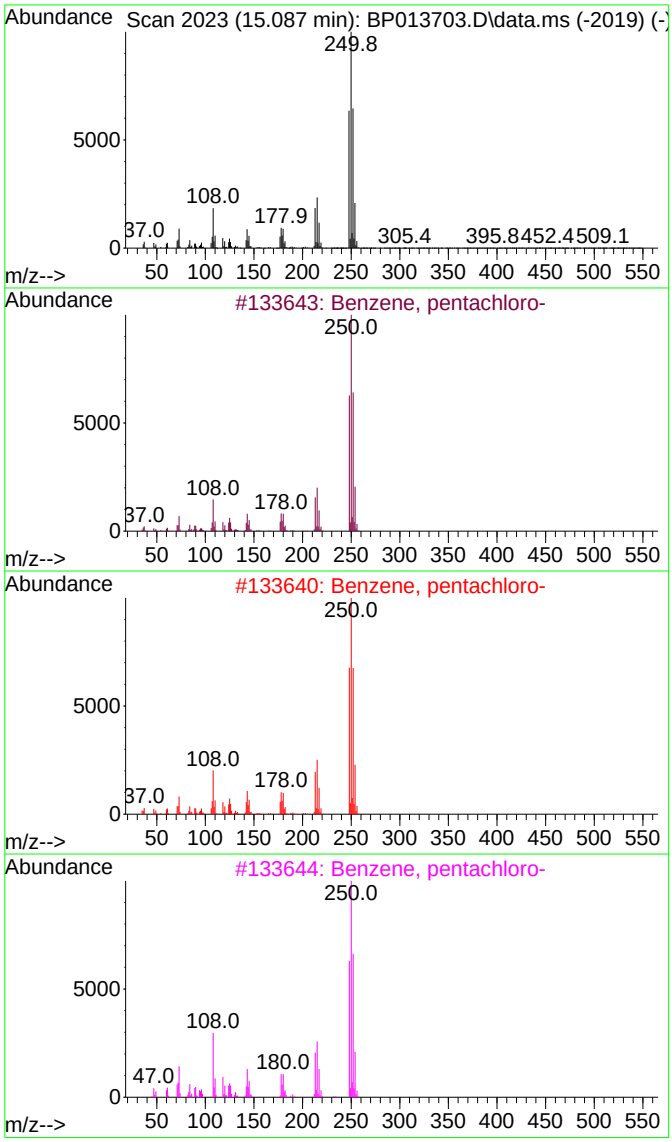
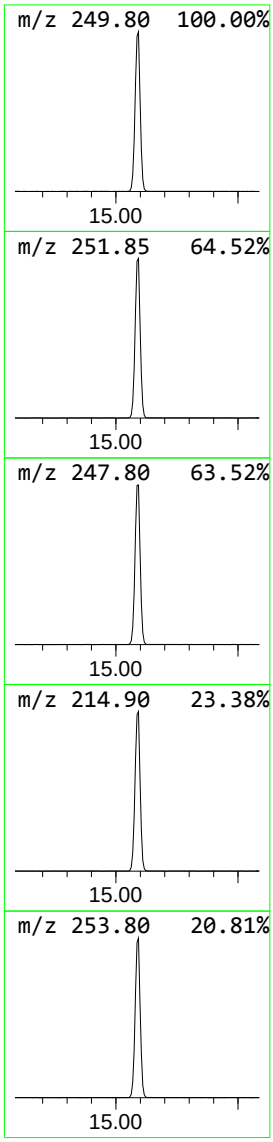
Peak Number 6 Benzene, pentachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	31.53 ng/ul	6052450	Acenaphthene-d10	14.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
2	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
3	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
4	Benzene, pentachloro-	248	C6HCl5	000608-93-5	96
5	Benzene, pentachloro-	248	C6HCl5	000608-93-5	94





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Data File : BP013703.D
Acq On : 02 Feb 2023 10:28
Operator : CG/JU
Sample : 01314-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q1

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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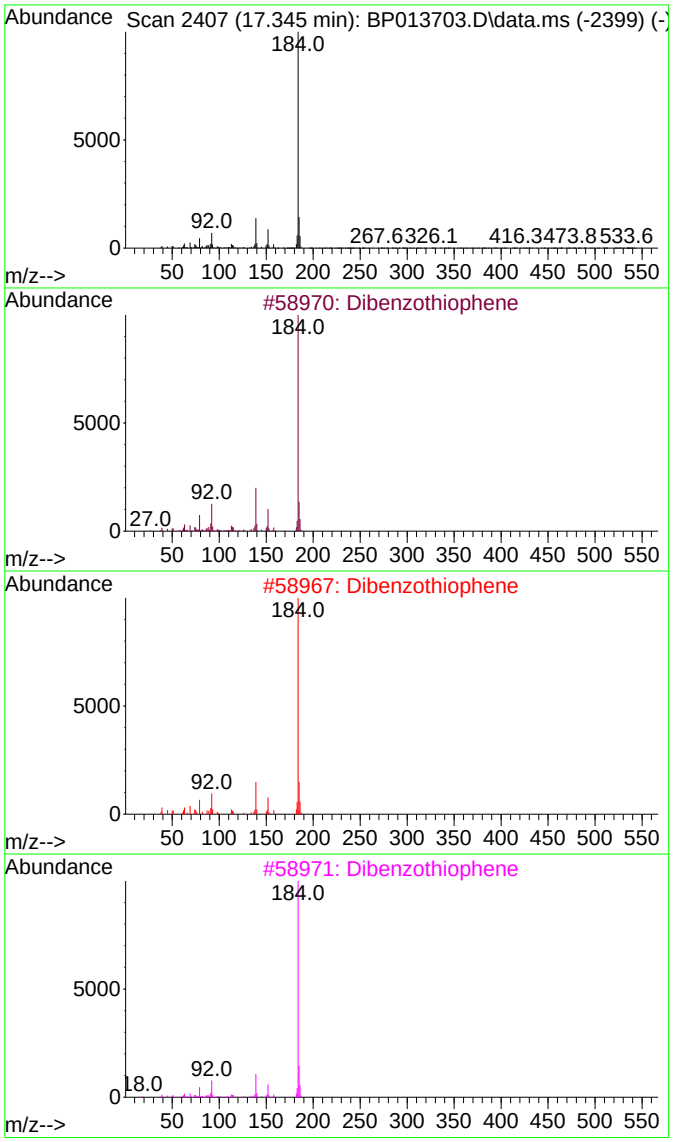
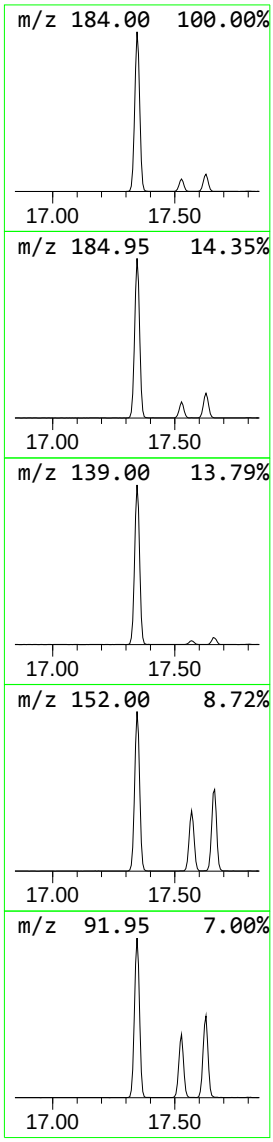
Peak Number 7 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.345	33.57 ng/ul	9165190	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013703.D
Acq On : 02 Feb 2023 10:28
Operator : CG/JU
Sample : 01314-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q1

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
Toluene	4.269	1185.0	ng/ul	93313900	1	8.134	1574920	20.0
2-Pentanone, 4-...	5.199	10.6	ng/ul	831853	1	8.134	1574920	20.0
Benzaldehyde di...	9.616	35.1	ng/ul	4456840	2	10.963	2541870	20.0
unknown-01	12.469	7.1	ng/ul	899000	2	10.963	2541870	20.0
o-Hydroxybiphenyl	15.040	34.6	ng/ul	6641720	3	14.775	3839690	20.0
Benzene, pentac...	15.086	31.5	ng/ul	6052450	3	14.775	3839690	20.0
Dibenzothiophene	17.345	33.6	ng/ul	9165190	4	17.528	5459960	20.0