LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
Data File : BP013770.D
Acq On : 06 Feb 2023 11:07
Operator : CG/JU
Sample : 01381-26
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A44Q2

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: BP013770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	33	36	43	rVB	11145	16179	0.12%	0.006%
2	3.476	44	49	51	rVV	67573	91594	0.66%	0.032%
3	3.511	51	55	66	rVB	195506	300406	2.17%	0.105%
4	3.905	118	122	144	rBV	895644	1527630	11.02%	0.532%
5	4.058	144	148	152	rVB4	11698	18473	0.13%	0.006%
6	4.146	159	163	168	rVB2	9975	14170	0.10%	0.005%
7	4.246	175	180	188	rVB	58331	93419	0.67%	0.033%
8	4.346	193	197	203	rVB7	8628	14894	0.11%	0.005%
9	4.864	281	285	287	rBV2	9731	14406	0.10%	0.005%
10	5.193	334	341	359	rBV	715994	1066735	7.69%	0.371%
11	5.599	405	410	418	rVB	11593	18626	0.13%	0.006%
12	5.734	424	433	440	rBV3	26009	62881	0.45%	0.022%
13	6.111	492	497	502	rVB2	17235	23845	0.17%	0.008%
14	6.293	524	528	535	rVB	19419	27651	0.20%	0.010%
15	6.493	558	562	567	rVB2	11308	16927	0.12%	0.006%
16	7.205	678	683	688	rBV2	10587	16722	0.12%	0.006%
17	7.275	688	695	696	rBV	1597909	2134571	15.39%	0.743%
18	7.305	696	700	712	rVB	2854080	4749746	34.25%	1.653%
19	7.446	717	724	733	rBV	1218069	1874503	13.52%	0.652%
20	7.652	752	759	762	rBV	1444541	2411615	17.39%	0.839%
21	7.687	762	765	776	rVV	1558117	2363079	17.04%	0.822%
22	7.764	776	778	787	rVB	22220	37348	0.27%	0.013%
23	8.128	831	840	854	rVB	930861	1475804	10.64%	0.513%
24	8.563	908	914	922	rBV	1330188	2130333	15.36%	0.741%
25	8.658	922	930	936	rVV	1249751	3058585	22.06%	1.064%
26	8.711	936	939	945	rVB	139895	197979	1.43%	0.069%
27	8.834	952	960	965	rBV	1887907	3132909	22.59%	1.090%
28	8.893	965	970	986	rVV	1945209	3137568	22.62%	1.092%
29	9.022	988	992	999	rVB7	8890	19102	0.14%	0.007%
30	9.140	1008	1012	1018	rVB9	7711	14308	0.10%	0.005%
31	9.222	1018	1026	1033	rBV	1554316	2542788	18.34%	0.885%
32	9.299	1033	1039	1043	rVV	1259440	2098710	15.13%	0.730%
33	9.340	1043	1046	1059	rVB	748296	1240235	8.94%	0.432%
34	9.758	1112	1117	1123	rBV4	14747	24771	0.18%	0.009%
35	10.028	1152	1163	1165	rBV	1123363	1770097	12.76%	0.616%
36	10.058	1165	1168	1176	rVV	1342212	2205987	15.91%	0.768%

LSC Area Percent Report

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Sample : 01381-26
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A44Q2

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	10.122	1176	1179	1183	rVV4	18775	36151	0.26%	0.013%
38	10.163	1183	1186	1190	rVB	17776	24733	0.18%	0.009%
39	10.352	1211	1218	1233	rVB	1488789	2290777	16.52%	0.797%
40	10.569	1244	1255	1257	rBV	2102283	3654611	26.35%	1.272%
41	10.593	1257	1259	1272	rVB	2420689	3442122	24.82%	1.198%
42	10.957	1310	1321	1325	rBV	1340462	2339003	16.87%	0.814%
43	11.005	1325	1329	1336	rVV	2854469	4802859	34.63%	1.671%
44	11.087	1336	1343	1359	rVB	1589611	2837439	20.46%	0.987%
45	11.657	1429	1440	1446	rBV4	20359	47812	0.34%	0.017%
46	11.716	1446	1450	1460	rVB2	16922	34842	0.25%	0.012%
47	11.881	1470	1478	1482	rBV	702477	1303390	9.40%	0.454%
48	12.457	1570	1576	1583	rBV	377145	595294	4.29%	0.207%
49	12.522	1584	1587	1593	rVV	37662	64207	0.46%	0.022%
50	12.599	1593	1600	1613	rVV	2127824	3225481	23.26%	1.122%
51	12.722	1613	1621	1629	rVV2	38985	82576	0.60%	0.029%
52	12.816	1629	1637	1650	rVB	3488994	5533459	39.90%	1.925%
53	12.963	1655	1662	1676	rVB	2737057	4188483	30.20%	1.457%
54	13.199	1695	1702	1708	rBV	1936333	2842481	20.50%	0.989%
55	13.269	1708	1714	1727	rVB	966470	1471938	10.61%	0.512%
56	13.598	1762	1770	1774	rBV	3553400	5267942	37.99%	1.833%
57	13.646	1774	1778	1790	rVV	2427329	3726012	26.87%	1.296%
58	14.163	1858	1866	1870	rBV	3672351	5049789	36.41%	1.757%
59	14.210	1870	1874	1882	rVB	1621439	2184604	15.75%	0.760%
60	14.334	1889	1895	1903	rVB	811977	1079185	7.78%	0.375%
61	14.457	1909	1916	1928	rBV2	4306045	6287947	45.34%	2.188%
62	14.763	1956	1968	1973	rBV	2521859	3612181	26.05%	1.257%
63	14.828	1973	1979	1992	rVB	4616200	6543447	47.18%	2.277%
64	14.957	1992	2001	2015	rBV3	2141228	4344334	31.33%	1.512%
65	15.081	2015	2022	2029	rVB	4244384	6280595	45.29%	2.185%
66	15.569	2099	2105	2119	rBV	2574802	3232528	23.31%	1.125%
67	15.751	2129	2136	2149	rBV	5762221	8290110	59.78%	2.884%
68	15.863	2149	2155	2170	rVV	1283735	1701886	12.27%	0.592%
69	15.992	2173	2177	2183	rVB	27891	42428	0.31%	0.015%
70	16.092	2189	2194	2198	rBV3	17415	25496	0.18%	0.009%
71	16.398	2241	2246	2251	rBV2	24689	36892	0.27%	0.013%
72	16.692	2290	2296	2306	rBV	3065400	4327017	31.20%	1.506%
73	16.816	2310	2317	2325	rVV	2834077	3985115	28.74%	1.387%
74	17.181	2376	2379	2385	rVB7	9507	15001	0.11%	0.005%
75	17.334	2396	2405	2418	rBV	6710652	9673008	69.75%	3.366%
76	17.516	2429	2436	2445	rBV	3465616	4848685	34.96%	1.687%

LSC Area Percent Report

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Sample : 01381-26
Misc :
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Instrument :
BNA_P
ClientSampleId :
A44Q2

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	17.616	2446	2453	2456	rVV	6885343	9635737	69.48%	3.353%
78	17.651	2456	2459	2475	rVB	3329524	4415367	31.84%	1.536%
79	17.887	2496	2499	2502	rBV4	7987	14001	0.10%	0.005%
80	17.981	2509	2515	2529	rBV	4702240	6213435	44.80%	2.162%
81	18.445	2589	2594	2609	rBV	5550922	6677092	48.15%	2.323%
82	19.410	2754	2758	2764	rBV	95524	125725	0.91%	0.044%
83	19.475	2765	2769	2776	rVB	88771	125105	0.90%	0.044%
84	19.745	2811	2815	2819	rBV2	64201	90518	0.65%	0.031%
85	19.833	2824	2830	2833	rBV	9368535	13867970	100.00%	4.825%
86	19.863	2833	2835	2846	rVB	7918595	8510392	61.37%	2.961%
87	20.716	2975	2980	2988	rBV	1916588	2194738	15.83%	0.764%
88	21.475	3104	3109	3120	rBV	7946206	10138627	73.11%	3.528%
89	21.586	3121	3128	3140	rVB2	5176173	11135257	80.29%	3.874%
90	23.422	3433	3440	3450	rBV	5523799	10215305	73.66%	3.554%
91	23.998	3530	3538	3542	rBV2	5600847	11798084	85.07%	4.105%
92	24.051	3542	3547	3558	rVV	4435799	9428621	67.99%	3.281%
93	24.163	3559	3566	3584	rVB2	2573384	5714861	41.21%	1.988%
94	26.868	4016	4026	4046	rVB	2717995	8881389	64.04%	3.090%
95	27.704	4158	4168	4185	rVB	2526229	8905301	64.21%	3.099%

Sum of corrected areas: 287403981

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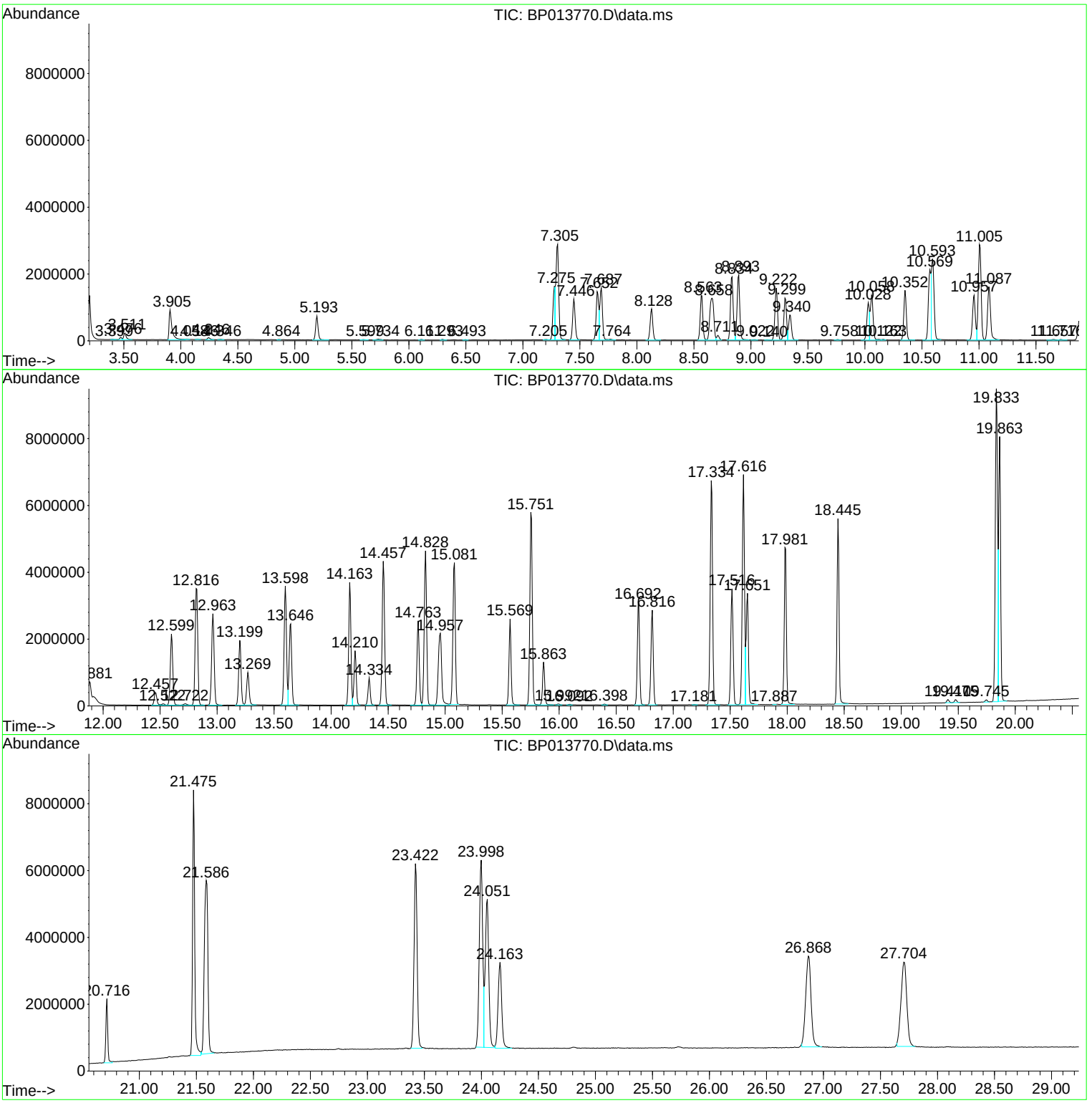
Instrument :
BNA_P
ClientSampleId :
A44Q2

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\BP020623\
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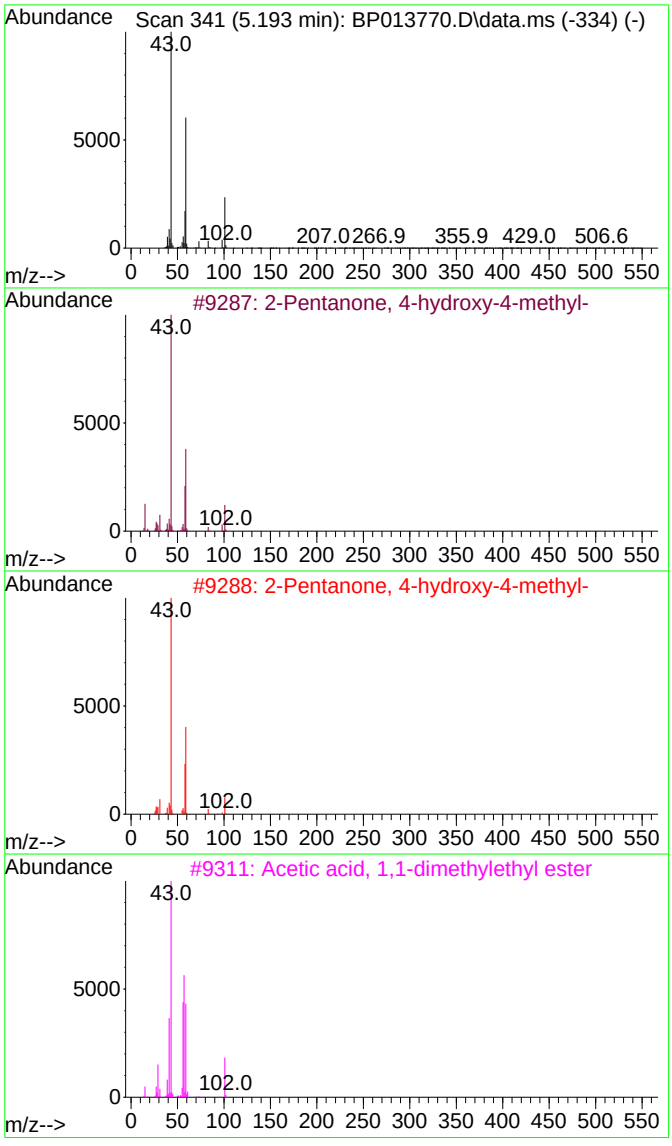
Quant Title : SVOA CALIBRATION

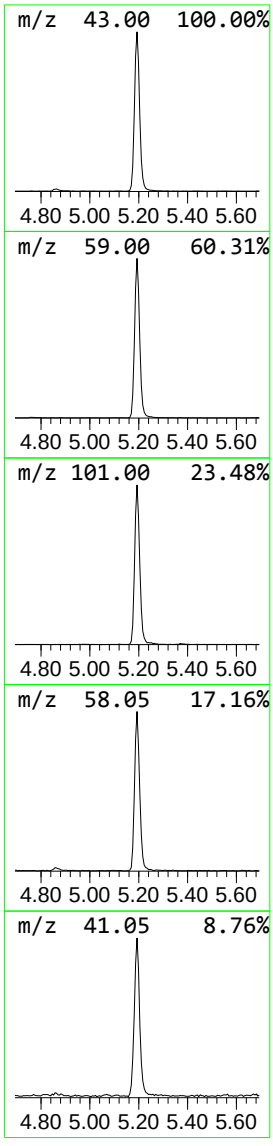
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.193	14.46 ng/ul	1066740	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32





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Operator : CG/JU
Sample : 01381-26
Misc :
ALS Vial : 4 Sample Multiplier: 1

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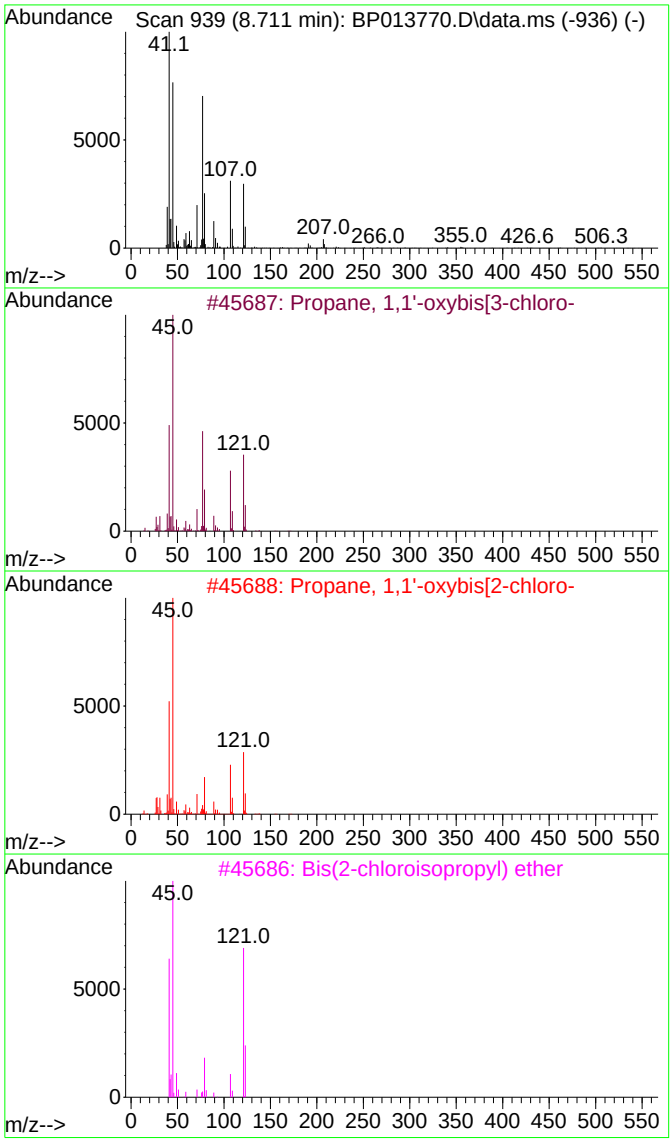
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

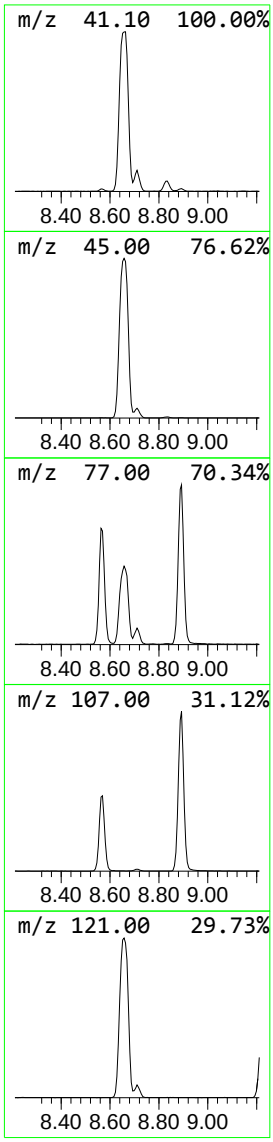
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propane, 1,1'-oxybis[3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.711	2.68 ng/ul	197979	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-oxybis[3-chloro-	170	C6H12Cl2O	000629-36-7	78
2	Propane, 1,1'-oxybis[2-chloro-	170	C6H12Cl2O	054460-96-7	58
3	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	47
4	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	43
5	Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	38





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

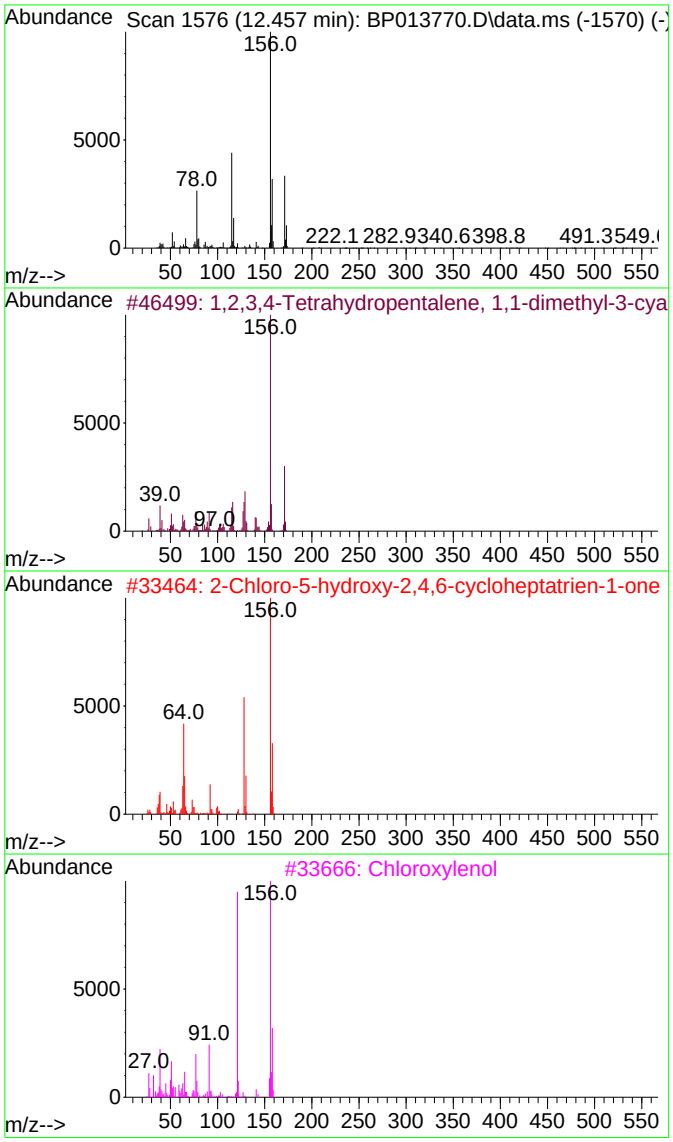
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

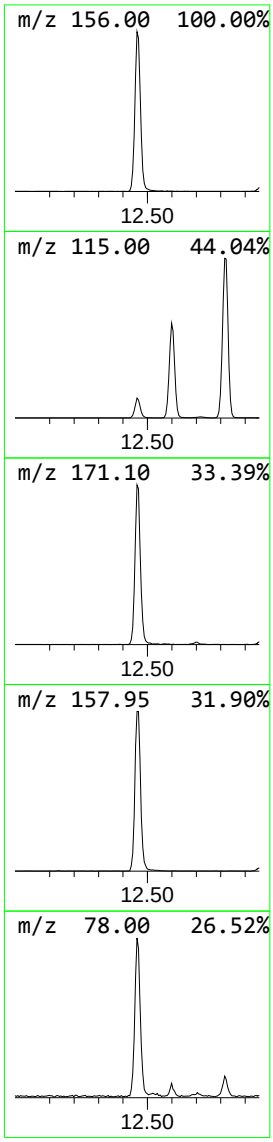
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	5.09 ng/ul	595294	Naphthalene-d8	10.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
2	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	32
3	Chloroxylenol	156	C8H9ClO	000088-04-0	32
4	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32





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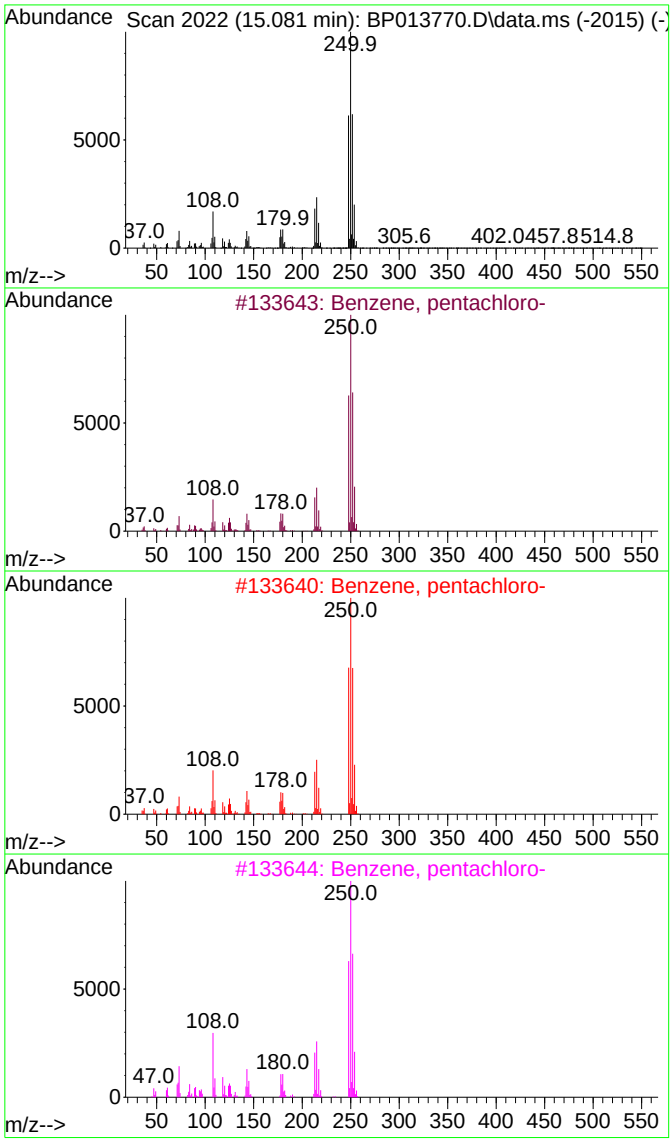
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

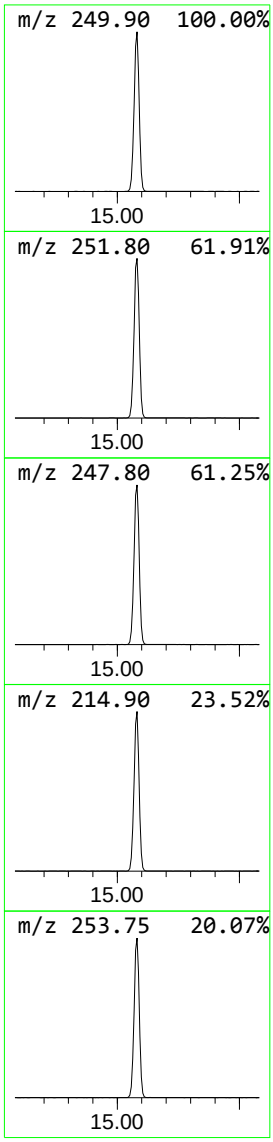
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, pentachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.081	34.77 ng/ul	6280600	Acenaphthene-d10	14.763

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	98
4	Benzene, pentachloro-	248	C6HCl5	000608-93-5	96
5	Benzene, pentachloro-	248	C6HCl5	000608-93-5	95





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Data File : BP013770.D
Acq On : 06 Feb 2023 11:07
Operator : CG/JU
Sample : 01381-26
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q2

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

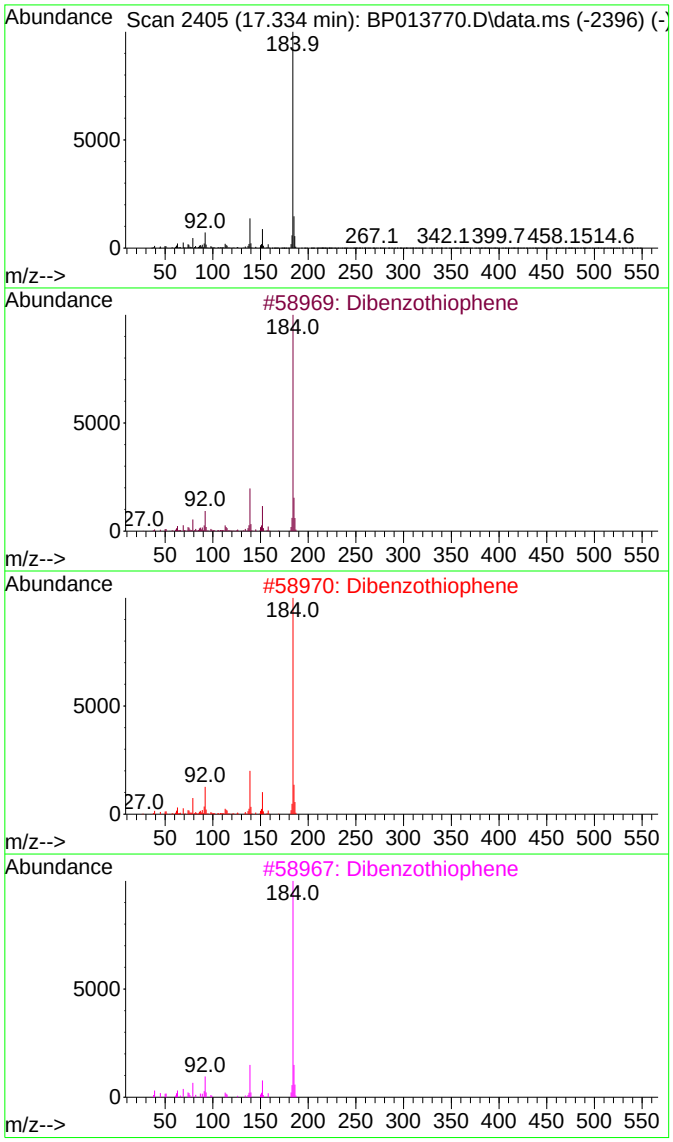
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

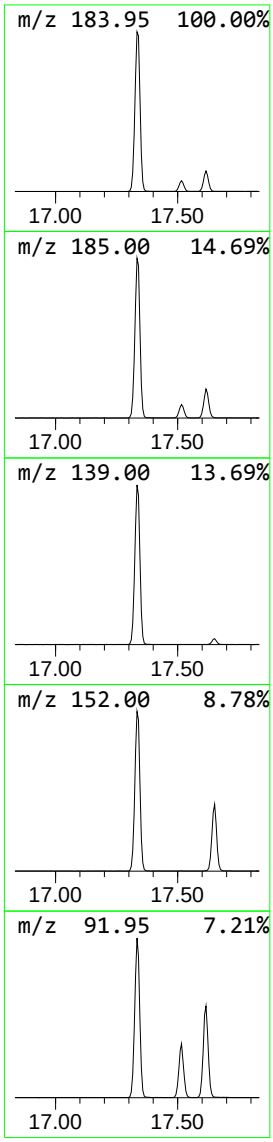
****

Peak Number 5 Dibenzothiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.334	39.90 ng/ul	9673010	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Acq On : 06 Feb 2023 11:07
Operator : CG/JU
Sample : 01381-26
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q2

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

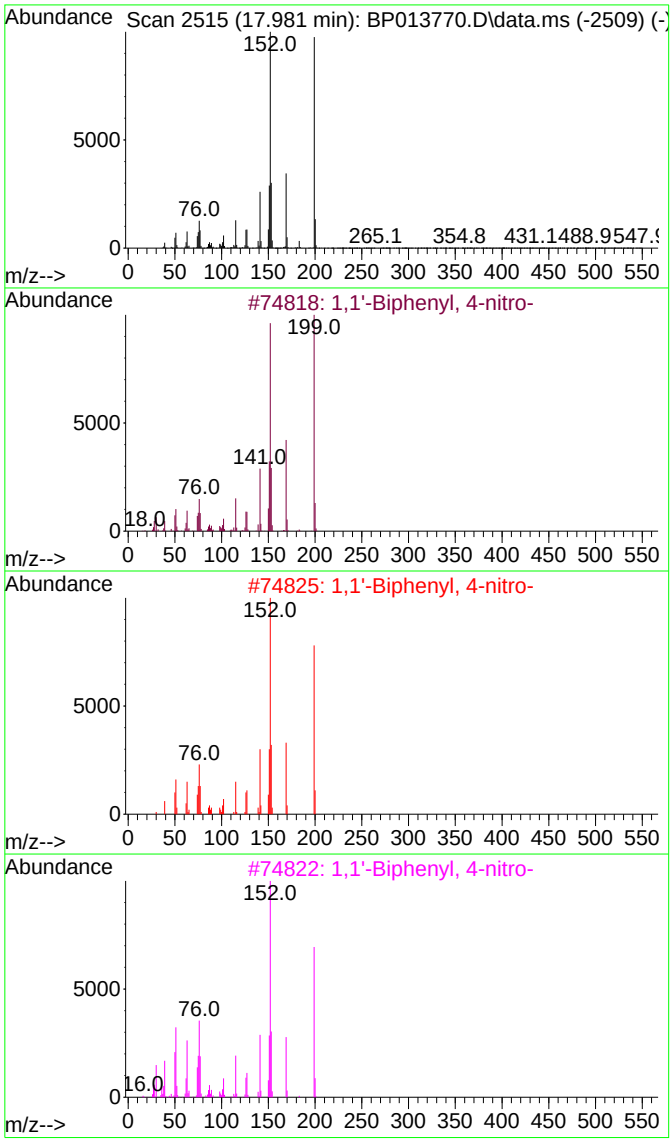
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

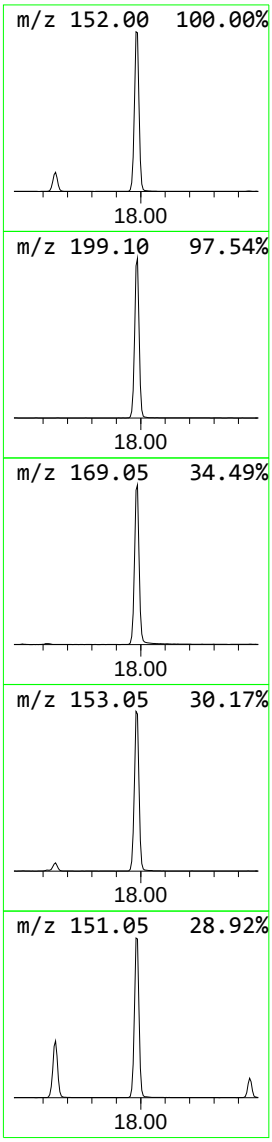
****

Peak Number 6 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.981	25.63 ng/ul	6213440	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	97
4	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	94
5	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
Data File : BP013770.D
Acq On : 06 Feb 2023 11:07
Operator : CG/JU
Sample : 01381-26
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q2

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
2-Pentanone, 4-...	5.193	14.5	ng/ul	1066740	1	8.128	1475800	20.0
Propane, 1,1'-o...	8.711	2.7	ng/ul	197979	1	8.128	1475800	20.0
unknown-01	12.457	5.1	ng/ul	595294	2	10.958	2339000	20.0
Benzene, pentac...	15.081	34.8	ng/ul	6280600	3	14.763	3612180	20.0
Dibenzothiophene	17.334	39.9	ng/ul	9673010	4	17.516	4848690	20.0
1,1'-Biphenyl, ...	17.981	25.6	ng/ul	6213440	4	17.516	4848690	20.0