LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BH9X5DL

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-BP091223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	25	30	42	rBV	518176	802772	3.18%	0.998%
2	3.352	42	45	52	rVB2	29636	40681	0.16%	0.051%
3	3.758	112	114	125	rBV	46919	83501	0.33%	0.104%
4	4.058	161	165	173	rVB	26369	40383	0.16%	0.050%
5	4.587	248	255	273	rBV	15027127	25237528	100.00%	31.387%
6	5.916	475	481	488	rBV	257674	399930	1.58%	0.497%
7	6.640	599	604	610	rBV	124458	181538	0.72%	0.226%
8	6.999	660	665	673	rBV6	19259	43029	0.17%	0.054%
9	7.181	687	696	704	rVB	71478	146760	0.58%	0.183%
10	7.299	709	716	724	rVB2	327922	548783	2.17%	0.683%
11	7.499	739	750	758	rBV	127107	362849	1.44%	0.451%
12	7.952	820	827	836	rBV	812938	1272015	5.04%	1.582%
13	8.040	836	842	852	rVB	217212	343629	1.36%	0.427%
14	8.222	864	873	876	rBV3	16182	32739	0.13%	0.041%
15	8.305	882	887	892	rVB4	18590	29783	0.12%	0.037%
16	8.410	897	905	911	rBV4	23819	39952	0.16%	0.050%
17	8.734	952	960	972	rBV2	172144	444394	1.76%	0.553%
18	9.028	1005	1010	1017	rBV	78050	127168	0.50%	0.158%
19	9.122	1020	1026	1028	rVV2	226387	372114	1.47%	0.463%
20	9.152	1028	1031	1042	rVB	222068	340145	1.35%	0.423%
21	9.363	1063	1067	1074	rBV2	62417	103405	0.41%	0.129%
22	9.457	1074	1083	1095	rVV	9848567	16123492	63.89%	20.052%
23	9.557	1095	1100	1105	rVV	54468	86711	0.34%	0.108%
24	9.616	1105	1110	1115	rVB	57030	84547	0.34%	0.105%
25	9.863	1146	1152	1159	rVV	183758	321413	1.27%	0.400%
26	9.928	1159	1163	1169	rVB3	33738	57413	0.23%	0.071%
27	10.010	1169	1177	1183	rBV10	11043	32337	0.13%	0.040%
28	10.140	1191	1199	1206	rBV	316660	498254	1.97%	0.620%
29	10.310	1220	1228	1233	rBV6	16681	36170	0.14%	0.045%
30	10.393	1236	1242	1253	rVV	365030	612203	2.43%	0.761%
31	10.610	1270	1279	1283	rBV3	14588	37035	0.15%	0.046%
32	10.722	1291	1298	1301	rBV3	29728	56769	0.22%	0.071%
33	10.775	1301	1307	1312	rVV	1110258	1994500	7.90%	2.481%
34	10.828	1312	1316	1328	rVB	1624307	2690765	10.66%	3.346%
35	10.946	1328	1336	1345	rBV2	237250	457650	1.81%	0.569%
36	11.104	1358	1363	1369	rBV	22208	37483	0.15%	0.047%

LSC Area Percent Report

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Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BH9X5DL

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-BP091223.MA.M
Title : SVOA CALIBRATION

37	11.222	1377	1383	1388	rVB2	52477	86855	0.34%	0.108%
38	11.334	1392	1402	1406	rBV	47775	85905	0.34%	0.107%
39	11.410	1411	1415	1420	rVB	25439	40467	0.16%	0.050%
40	11.598	1442	1447	1452	rBV5	22870	37220	0.15%	0.046%
41	11.663	1452	1458	1464	rVV	41275	69336	0.27%	0.086%
42	11.787	1472	1479	1480	rBV6	20523	32841	0.13%	0.041%
43	11.857	1486	1491	1496	rVB	60862	96070	0.38%	0.119%
44	11.951	1500	1507	1513	rVB2	48113	85486	0.34%	0.106%
45	12.057	1519	1525	1533	rVB3	46217	106818	0.42%	0.133%
46	12.134	1533	1538	1544	rBV2	23898	50565	0.20%	0.063%
47	12.304	1562	1567	1570	rBV2	47181	75100	0.30%	0.093%
48	12.434	1583	1589	1603	rVB	210834	356830	1.41%	0.444%
49	12.604	1612	1618	1620	rBV4	30001	55604	0.22%	0.069%
50	12.651	1620	1626	1635	rVB	1092641	1729484	6.85%	2.151%
51	13.034	1687	1691	1694	rVV4	14927	25540	0.10%	0.032%
52	13.081	1695	1699	1704	rVV4	37848	61881	0.25%	0.077%
53	13.151	1707	1711	1718	rVB6	15111	30046	0.12%	0.037%
54	13.451	1756	1762	1766	rBV3	56667	113435	0.45%	0.141%
55	13.598	1780	1787	1789	rBV4	51117	89489	0.35%	0.111%
56	13.628	1789	1792	1795	rVV2	28047	40409	0.16%	0.050%
57	13.763	1810	1815	1817	rBV3	42681	69493	0.28%	0.086%
58	13.798	1817	1821	1826	rVB2	92283	150963	0.60%	0.188%
59	13.922	1834	1842	1847	rBV	241480	452057	1.79%	0.562%
60	13.975	1847	1851	1855	rVV	190308	275223	1.09%	0.342%
61	14.022	1855	1859	1865	rVB	602778	836280	3.31%	1.040%
62	14.157	1878	1882	1885	rBV	64167	82692	0.33%	0.103%
63	14.192	1885	1888	1892	rVV3	41058	56071	0.22%	0.070%
64	14.234	1892	1895	1900	rVB5	22460	33259	0.13%	0.041%
65	14.310	1900	1908	1917	rBV	664510	1104469	4.38%	1.374%
66	14.610	1953	1959	1967	rBV	1766380	2496922	9.89%	3.105%
67	14.775	1983	1987	1993	rVV6	25146	45223	0.18%	0.056%
68	14.839	1993	1998	2005	rVV3	46767	86205	0.34%	0.107%
69	14.969	2016	2020	2029	rVB7	23939	41596	0.16%	0.052%
70	15.087	2035	2040	2044	rBV2	24839	37266	0.15%	0.046%
71	15.369	2085	2088	2095	rVB8	20453	36616	0.15%	0.046%
72	15.445	2098	2101	2109	rVB7	20114	39816	0.16%	0.050%
73	15.604	2122	2128	2136	rBV	921470	1324151	5.25%	1.647%
74	15.675	2136	2140	2145	rVV4	35120	67954	0.27%	0.085%
75	15.734	2145	2150	2156	rVV	213851	311952	1.24%	0.388%
76	15.786	2156	2159	2166	rVB2	37617	61391	0.24%	0.076%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

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-BP091223.MA.M
Title : SVOA CALIBRATION

77	15.881	2171	2175	2183	rVB3	49986	85709	0.34%	0.107%
78	16.345	2249	2254	2261	rBV4	42133	74313	0.29%	0.092%
79	16.463	2270	2274	2279	rBV2	19190	29568	0.12%	0.037%
80	16.645	2301	2305	2313	rVB2	50416	88901	0.35%	0.111%
81	17.181	2392	2396	2404	rBV10	22380	50524	0.20%	0.063%
82	17.381	2424	2430	2438	rBV	2313992	3182599	12.61%	3.958%
83	17.480	2441	2447	2457	rVB	1036705	1467383	5.81%	1.825%
84	18.222	2569	2573	2579	rBV	77558	113708	0.45%	0.141%
85	18.439	2606	2610	2616	rBV2	26464	47831	0.19%	0.059%
86	19.457	2781	2783	2789	rVB7	28910	31830	0.13%	0.040%
87	19.716	2822	2827	2835	rBV	1368558	1835414	7.27%	2.283%
88	21.480	3122	3127	3136	rBV	2768934	3512576	13.92%	4.369%
89	23.833	3522	3527	3536	rVB2	778057	1540514	6.10%	1.916%
90	24.004	3549	3556	3570	rVB	1570453	3347210	13.26%	4.163%

Sum of corrected areas: 80406900

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
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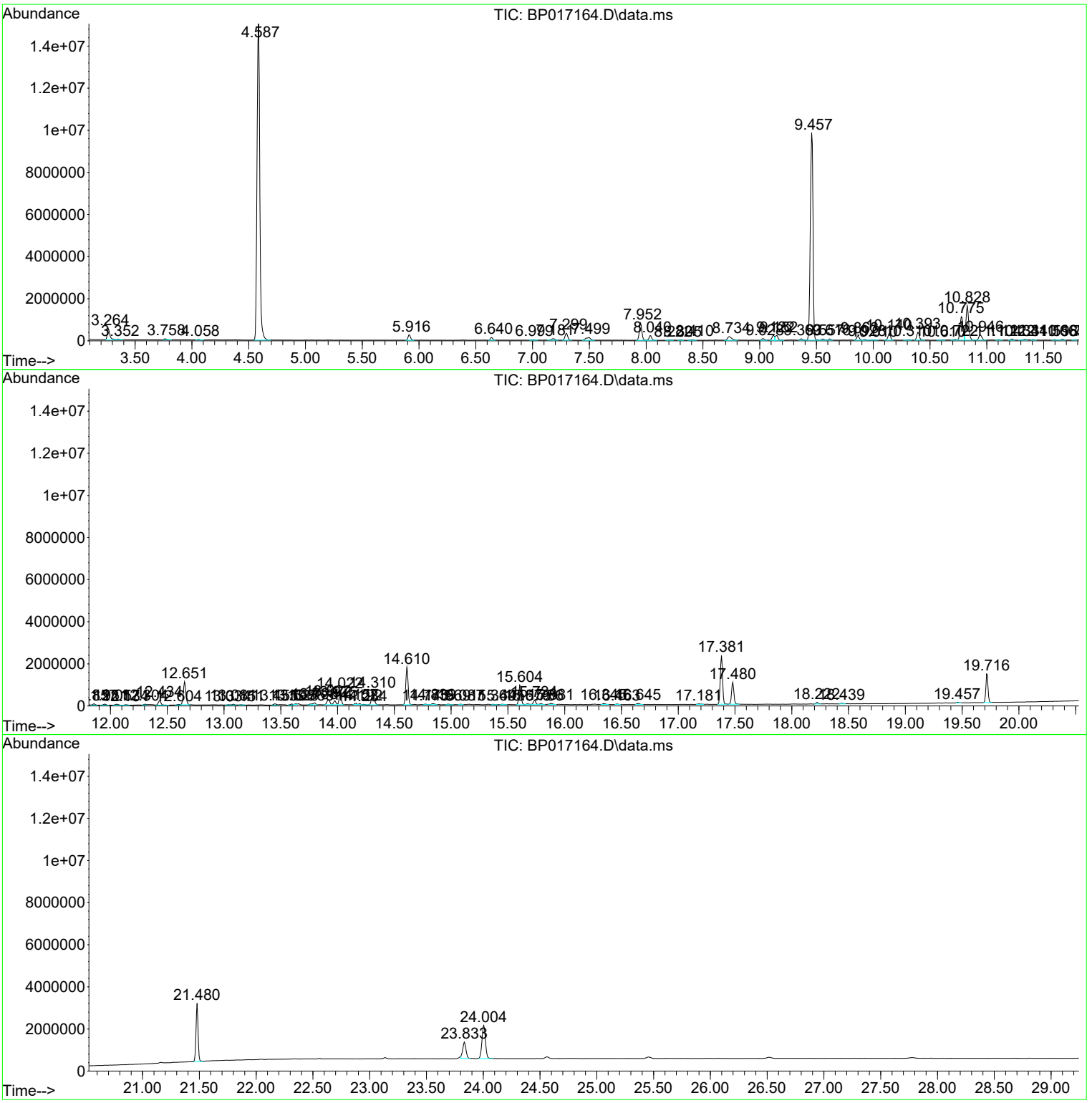
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.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\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

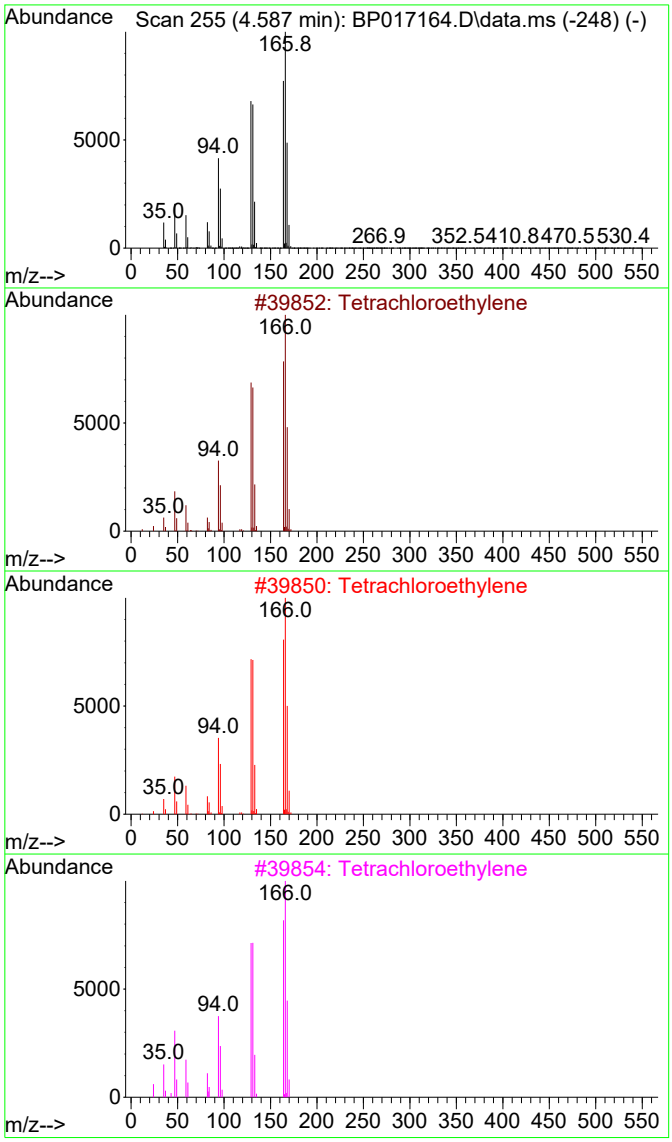
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

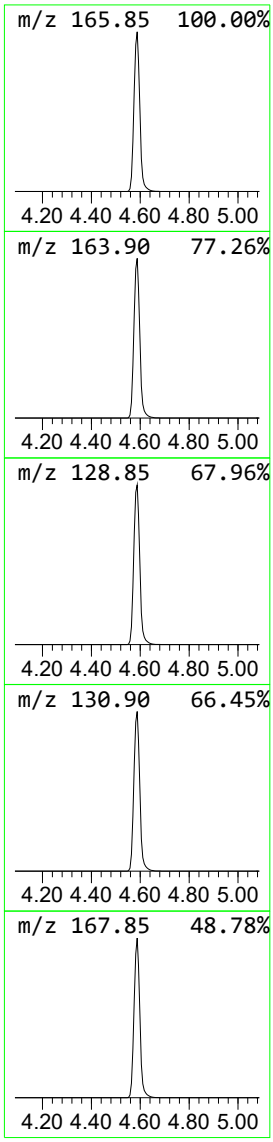
****

Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.587	396.81 ng/ul	25237500	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	93
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

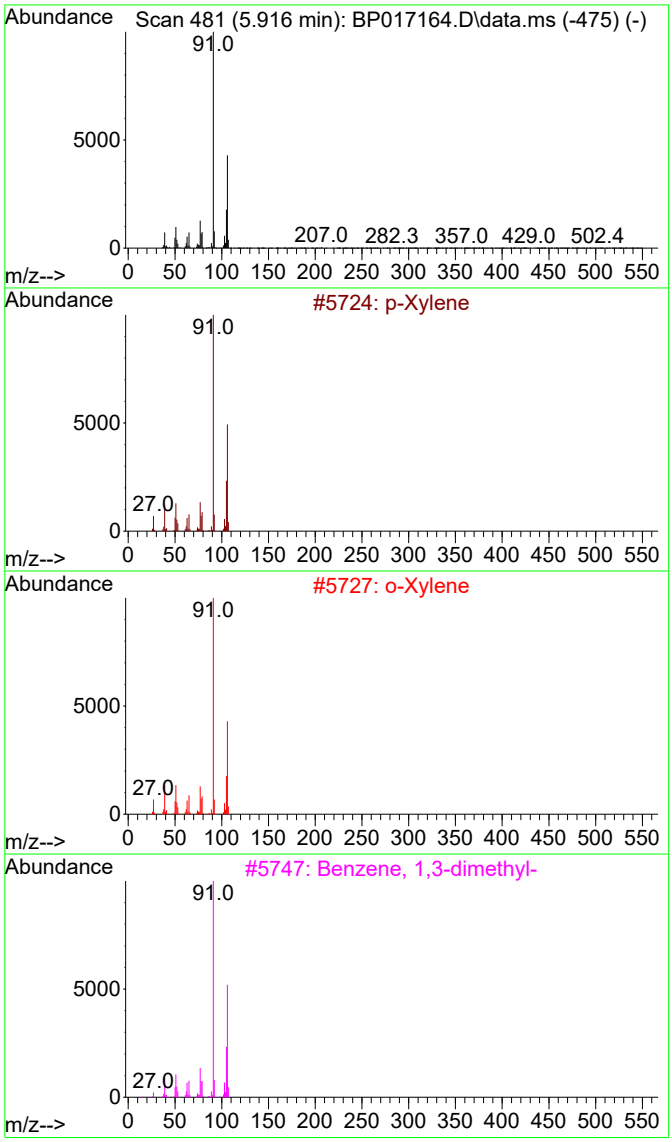
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

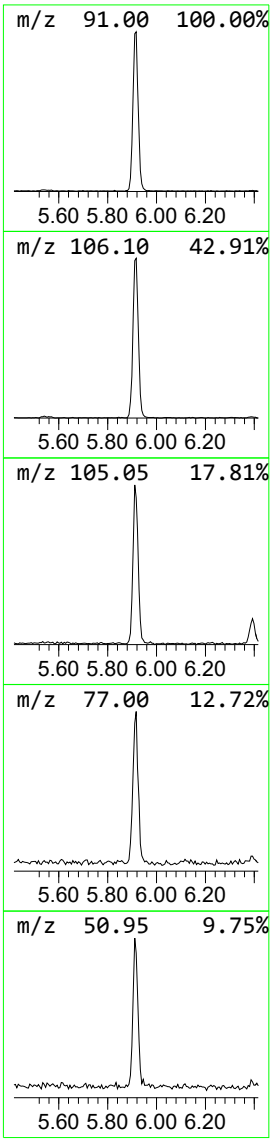
****

Peak Number 2 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	6.29 ng/ul	399930	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

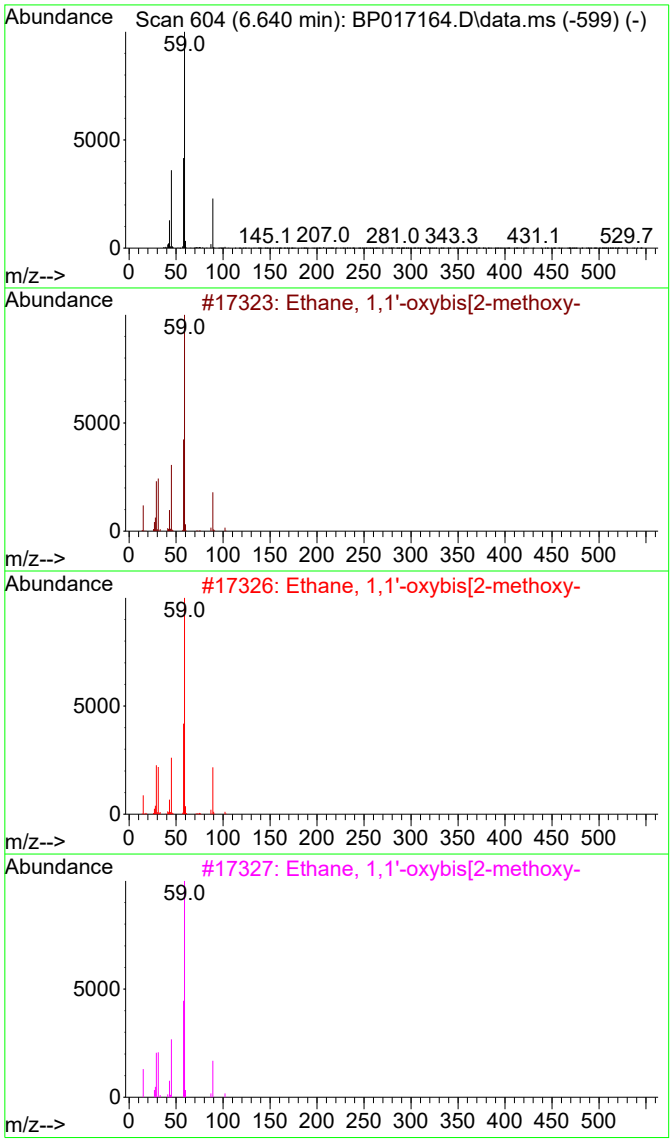
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

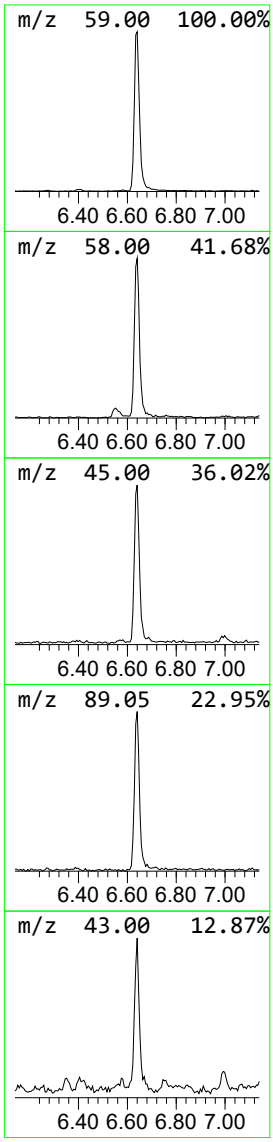
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethane, 1,1'-oxybis[2-methoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.640	2.85 ng/ul	181538	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	83
2	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	78
3	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	74
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	344	C11H15F7O4	1000364-27-7	42
5	Tetraglyme	222	C10H22O5	000143-24-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
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Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

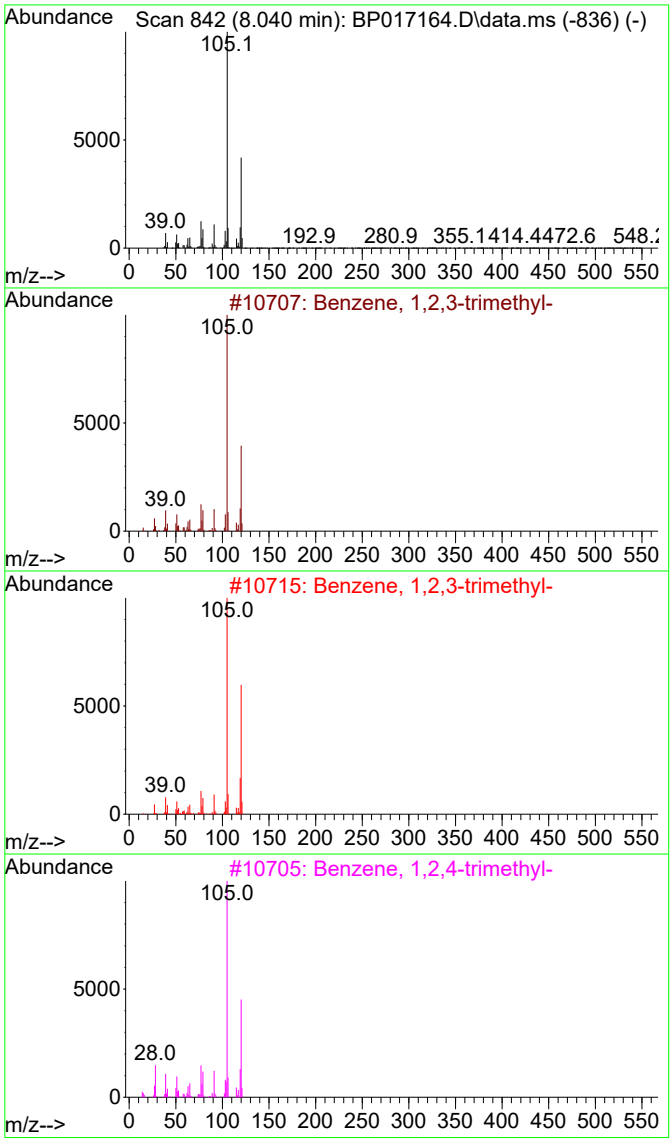
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

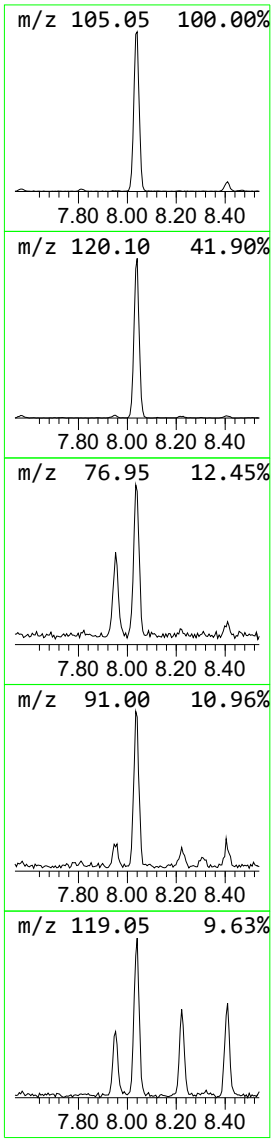
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.040	5.40 ng/ul	343629	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

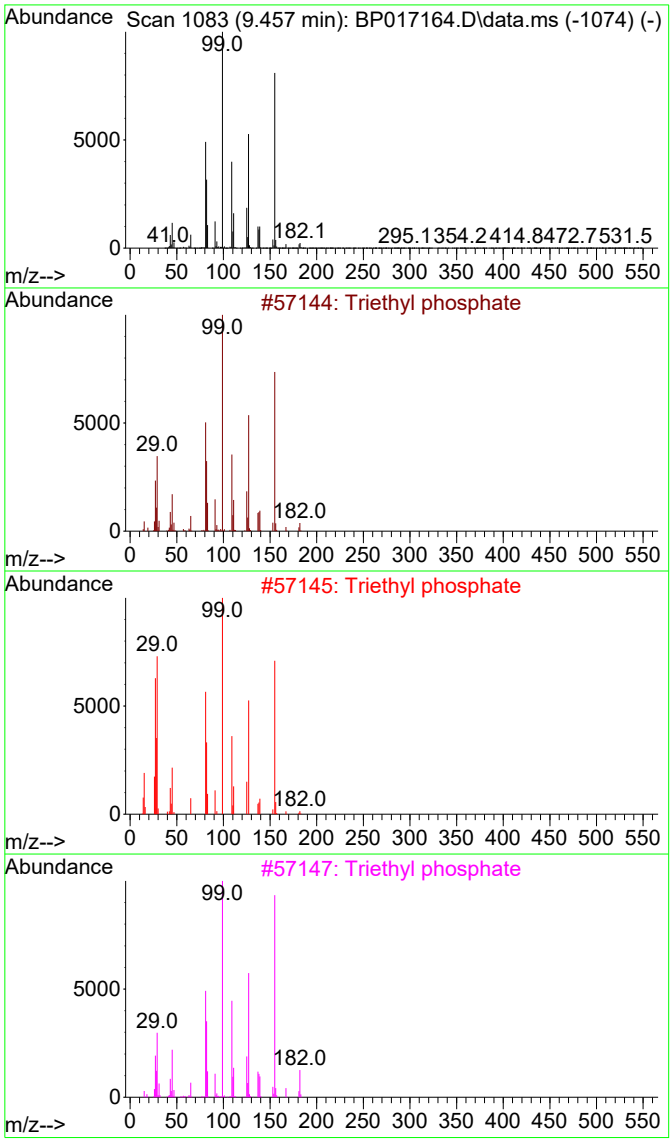
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

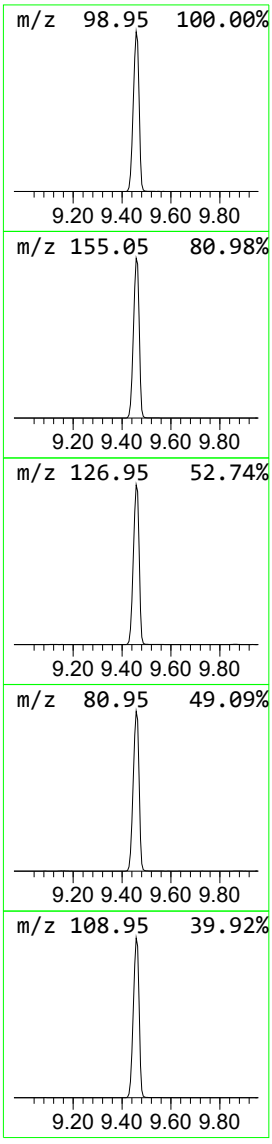
****

Peak Number 5 Triethyl phosphate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	161.68 ng/ul	16123500	Naphthalene-d8	10.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	95
2	Triethyl phosphate	182	C6H15O4P	000078-40-0	94
3	Triethyl phosphate	182	C6H15O4P	000078-40-0	91
4	Triethyl phosphate	182	C6H15O4P	000078-40-0	80
5	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

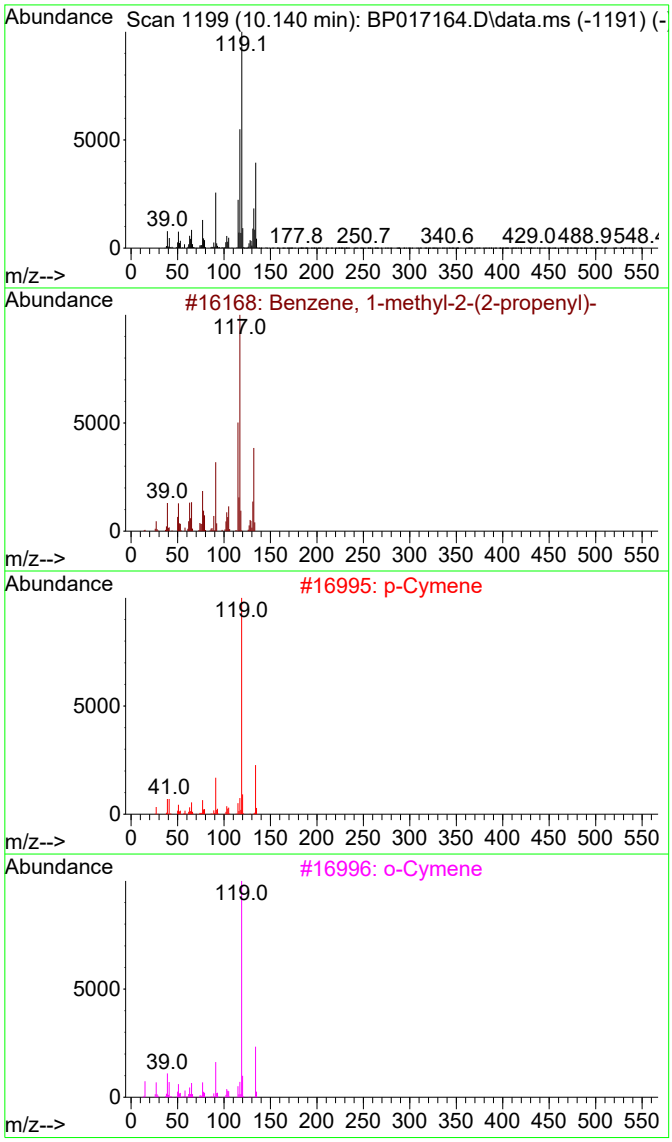
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

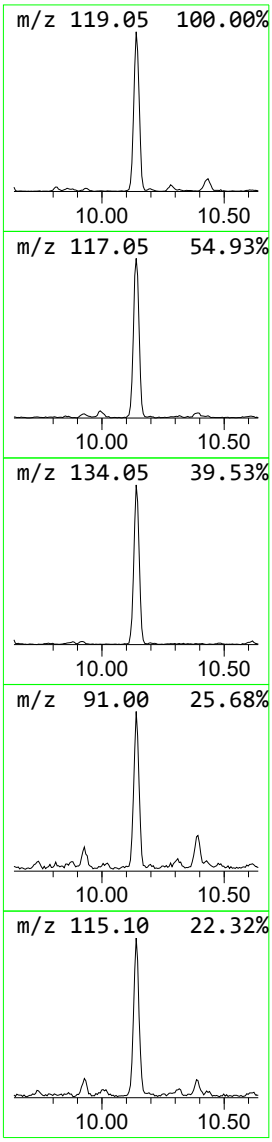
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.140	5.00 ng/ul	498254	Naphthalene-d8	10.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	p-Cymene	134	C10H14	000099-87-6	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

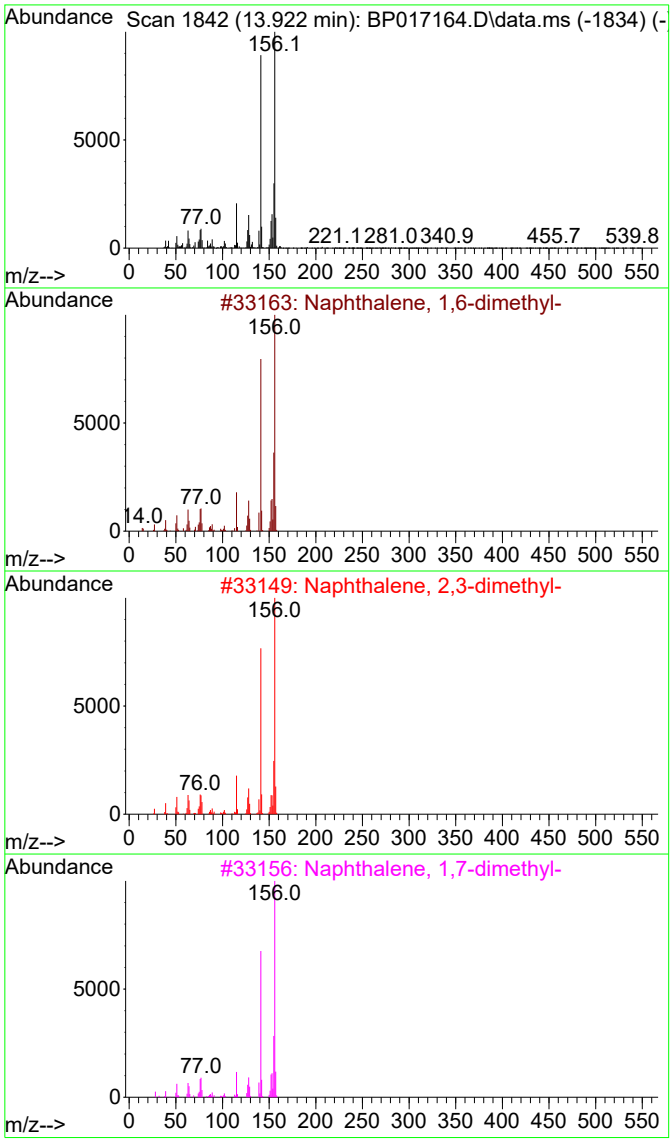
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

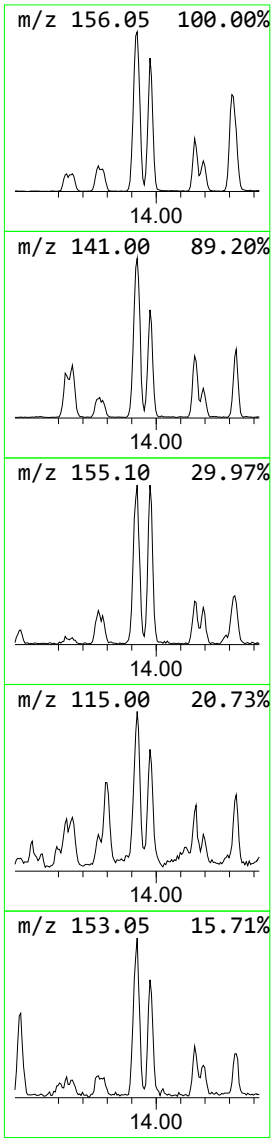
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	3.62 ng/ul	452057	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

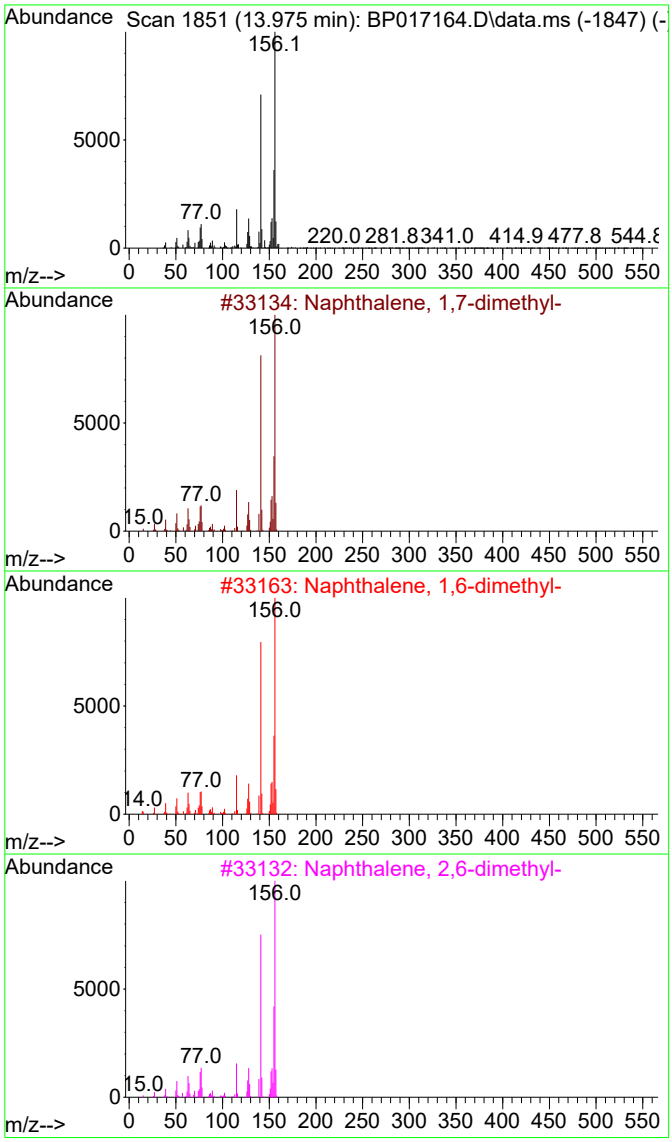
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

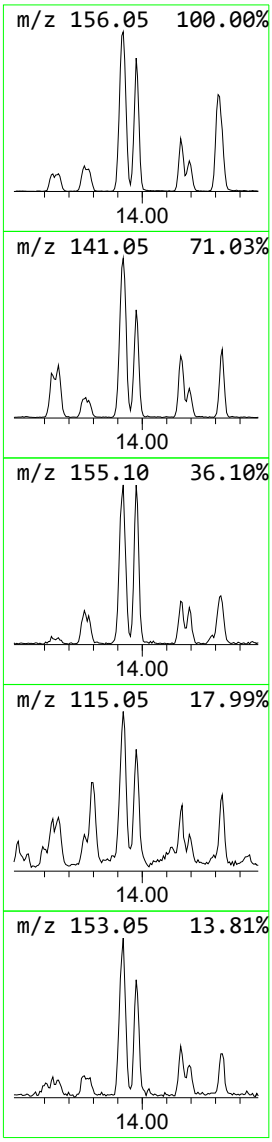
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	2.20 ng/ul	275223	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017164.D
Acq On : 13 Sep 2023 23:46
Operator : MA/JU
Sample : 04227-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH9X5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.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
Tetrachloroethy...	4.587	396.8	ng/ul	25237500	1	7.952	1272020	20.0
p-Xylene	5.916	6.3	ng/ul	399930	1	7.952	1272020	20.0
Ethane, 1,1'-ox...	6.640	2.9	ng/ul	181538	1	7.952	1272020	20.0
Benzene, 1,2,3-...	8.040	5.4	ng/ul	343629	1	7.952	1272020	20.0
Triethyl phosphate	9.457	161.7	ng/ul	16123500	2	10.775	1994500	20.0
Benzene, 1-meth...	10.140	5.0	ng/ul	498254	2	10.775	1994500	20.0
Naphthalene, 1,...	13.922	3.6	ng/ul	452057	3	14.610	2496920	20.0
Naphthalene, 1,...	13.975	2.2	ng/ul	275223	3	14.610	2496920	20.0