LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

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-BP101823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017849.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.705	101	105	125	rBV	360347	928580	1.41%	0.458%
2	3.993	147	154	160	rBV	25703148	65713467	100.00%	32.428%
3	4.034	160	161	180	rVB	19508559	17396832	26.47%	8.585%
4	4.346	209	214	235	rVB	1569786	2557630	3.89%	1.262%
5	4.975	314	321	338	rVB	3372042	5038708	7.67%	2.486%
6	6.040	496	502	515	rBV	1878431	2842685	4.33%	1.403%
7	6.287	538	544	553	rVB2	50536	85557	0.13%	0.042%
8	7.046	666	673	688	rBV	1729345	2957045	4.50%	1.459%
9	7.228	697	704	713	rVB	572984	897470	1.37%	0.443%
10	7.322	713	720	727	rVV	1132704	1647162	2.51%	0.813%
11	7.399	727	733	746	rVB	762563	1245124	1.89%	0.614%
12	7.881	807	815	825	rBV	560686	928534	1.41%	0.458%
13	8.605	929	938	948	rBV	827046	1391584	2.12%	0.687%
14	8.699	948	954	965	rVB	450270	716862	1.09%	0.354%
15	9.087	1009	1020	1024	rBV	705225	1144078	1.74%	0.565%
16	9.128	1024	1027	1045	rVB	254408	434850	0.66%	0.215%
17	9.340	1056	1063	1071	rBV	1545862	2357435	3.59%	1.163%
18	9.799	1134	1141	1144	rBV	610429	1010905	1.54%	0.499%
19	9.834	1144	1147	1157	rVB	456544	739644	1.13%	0.365%
20	10.328	1224	1231	1234	rBV	870617	1634047	2.49%	0.806%
21	10.710	1287	1296	1300	rBV	736924	1209951	1.84%	0.597%
22	10.757	1300	1304	1313	rVB	496550	835573	1.27%	0.412%
23	10.887	1319	1326	1335	rBV	459203	856783	1.30%	0.423%
24	10.981	1335	1342	1355	rVB	977840	1553154	2.36%	0.766%
25	12.246	1545	1557	1564	rBV	229511	393990	0.60%	0.194%
26	12.381	1573	1580	1590	rVV	1144698	1746892	2.66%	0.862%
27	12.498	1595	1600	1605	rVV3	47389	95529	0.15%	0.047%
28	12.598	1606	1617	1624	rVV	1830476	2874395	4.37%	1.418%
29	12.669	1624	1629	1635	rVV	1070446	1625519	2.47%	0.802%
30	12.734	1635	1640	1648	rVB	470569	696519	1.06%	0.344%
31	12.993	1677	1684	1697	rBV	1297844	2031059	3.09%	1.002%
32	13.404	1743	1754	1758	rBV	2614094	3834183	5.83%	1.892%
33	13.445	1758	1761	1773	rVB	528002	812628	1.24%	0.401%
34	13.992	1848	1854	1865	rBV	1343695	1886723	2.87%	0.931%
35	14.198	1879	1889	1896	rBV	1178652	1569592	2.39%	0.775%
36	14.275	1896	1902	1905	rVV	1537474	2419414	3.68%	1.194%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

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-BP101823.MA.M
Title : SVOA CALIBRATION

37	14.304	1905	1907	1917	rVB	811267	958309	1.46%	0.473%
38	14.575	1944	1953	1959	rBV	987142	1447429	2.20%	0.714%
39	14.640	1959	1964	1974	rVB	677324	985110	1.50%	0.486%
40	14.751	1974	1983	1991	rBV	667573	1036339	1.58%	0.511%
41	14.828	1991	1996	1998	rVV	393834	656665	1.00%	0.324%
42	14.869	1998	2003	2016	rVV2	3159284	5333887	8.12%	2.632%
43	14.981	2017	2022	2028	rVB	625239	867583	1.32%	0.428%
44	15.581	2117	2124	2129	rBV	1904407	2727209	4.15%	1.346%
45	15.634	2129	2133	2142	rVB2	1636966	2407818	3.66%	1.188%
46	15.745	2144	2152	2162	rBV2	1370710	2484574	3.78%	1.226%
47	16.622	2292	2301	2315	rVB	1724461	2380177	3.62%	1.175%
48	16.998	2359	2365	2379	rBV	1907497	2716749	4.13%	1.341%
49	17.186	2389	2397	2411	rVB	2353133	3300391	5.02%	1.629%
50	17.369	2422	2428	2432	rBV	1158542	1632363	2.48%	0.806%
51	17.416	2432	2436	2441	rVV	839167	1116643	1.70%	0.551%
52	17.475	2441	2446	2449	rVV	2004998	2814487	4.28%	1.389%
53	17.510	2449	2452	2463	rVB	1207921	1624346	2.47%	0.802%
54	17.804	2493	2502	2516	rBV	2548001	3579855	5.45%	1.767%
55	18.028	2533	2540	2546	rBV	78806	116609	0.18%	0.058%
56	19.404	2765	2774	2783	rVV	1778566	2311871	3.52%	1.141%
57	19.733	2824	2830	2833	rBV	2439836	3432740	5.22%	1.694%
58	19.763	2833	2835	2845	rVB	1870129	2041448	3.11%	1.007%
59	21.504	3126	3131	3137	rBV2	2783840	4983802	7.58%	2.459%
60	21.557	3137	3140	3147	rVB	937890	1202907	1.83%	0.594%
61	22.339	3269	3273	3278	rBV	59398	90237	0.14%	0.045%
62	23.280	3427	3433	3443	rVB	1320168	2369523	3.61%	1.169%
63	23.910	3533	3540	3545	rBV2	1482118	2926913	4.45%	1.444%
64	23.963	3545	3549	3560	rVV	624570	1283494	1.95%	0.633%
65	24.080	3562	3569	3585	rVB	714756	1536656	2.34%	0.758%
66	26.815	4022	4034	4051	rVB3	1237078	5024787	7.65%	2.480%
67	27.645	4167	4175	4191	rVB2	334422	1142574	1.74%	0.564%

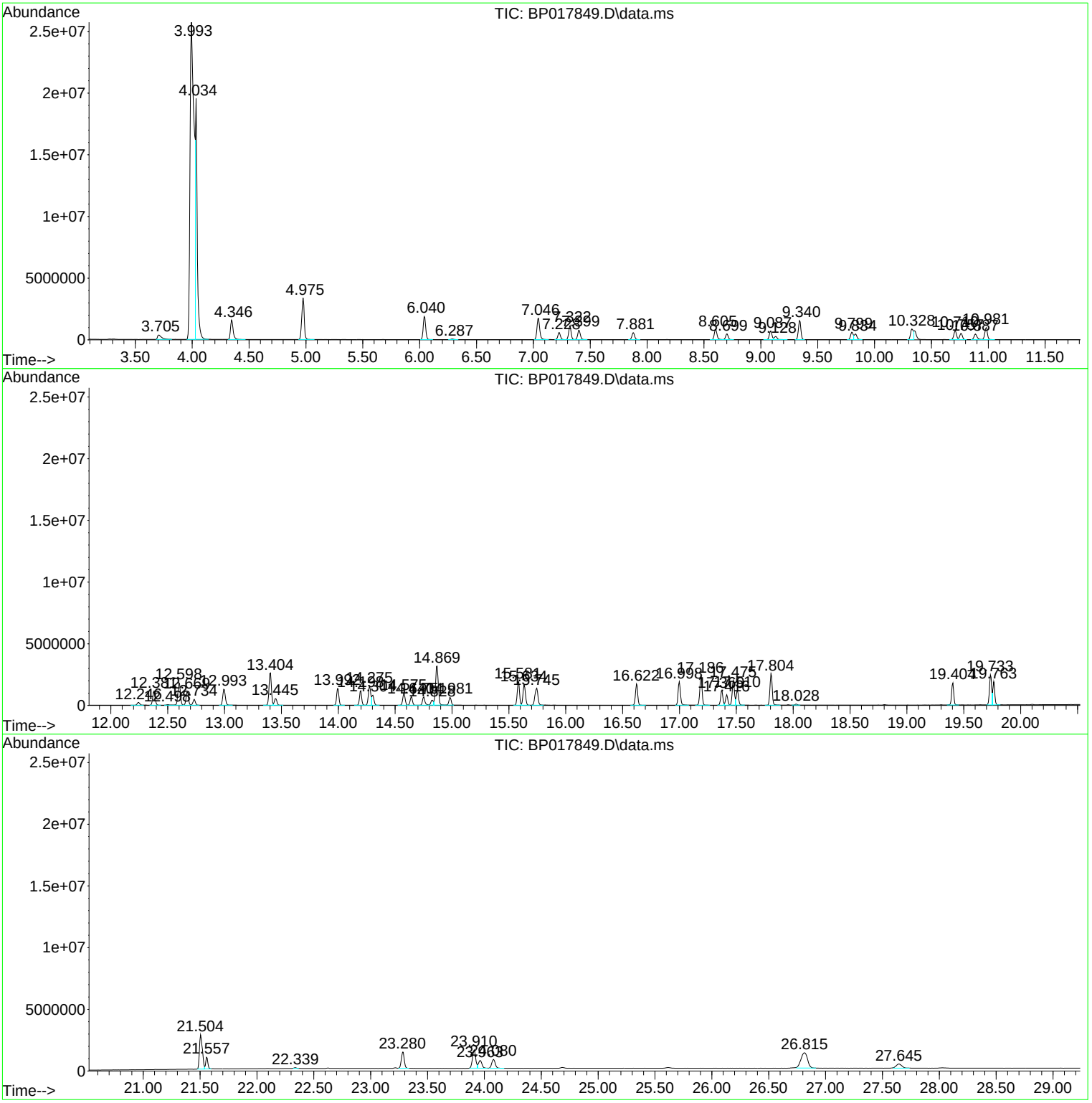
Sum of corrected areas: 202643598

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
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Quant Title : SVOA CALIBRATION

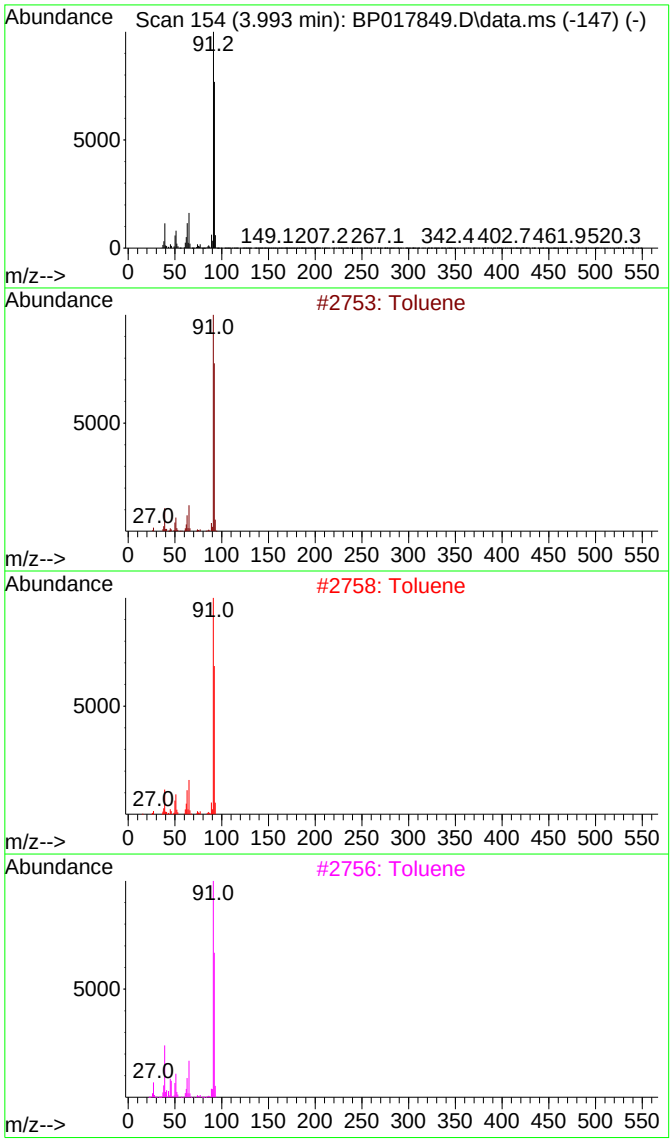
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

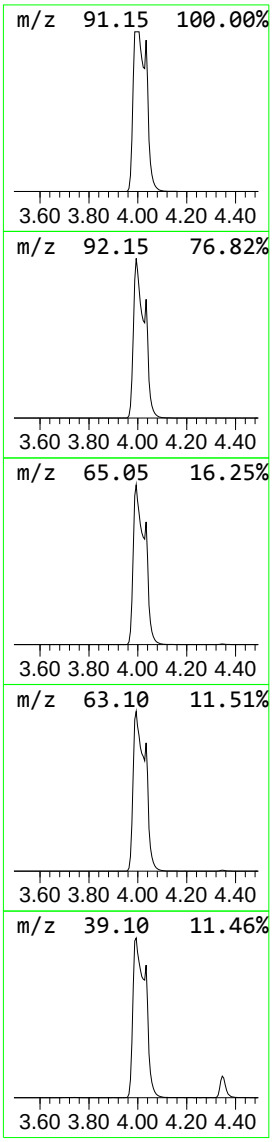
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	1415.42 ng/ul	65713500	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

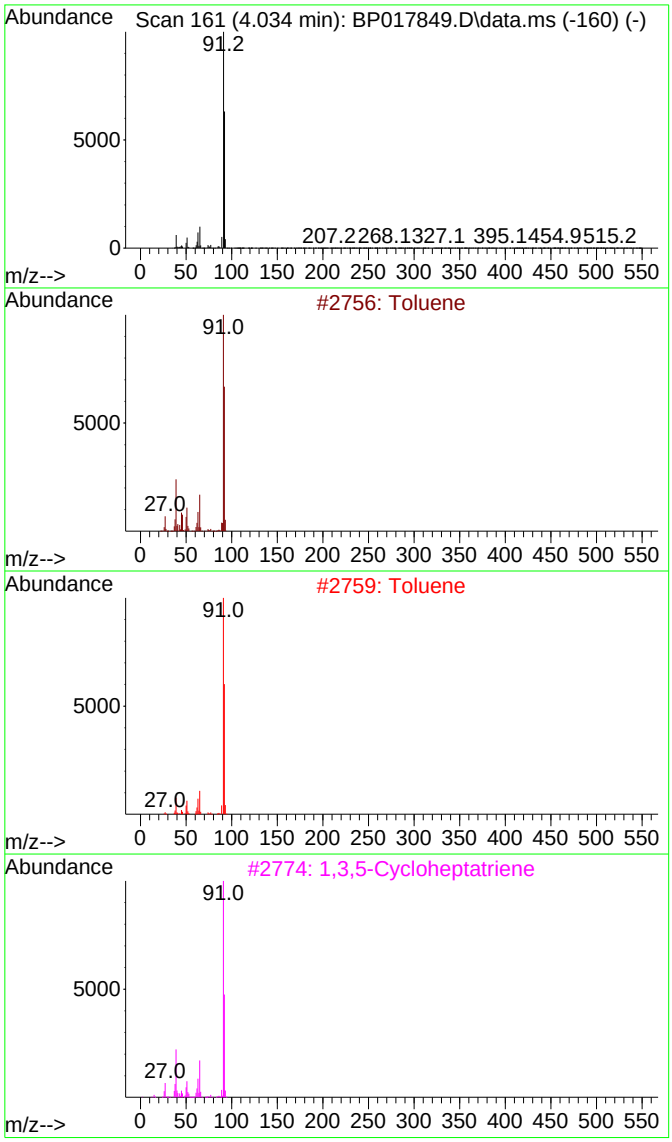
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

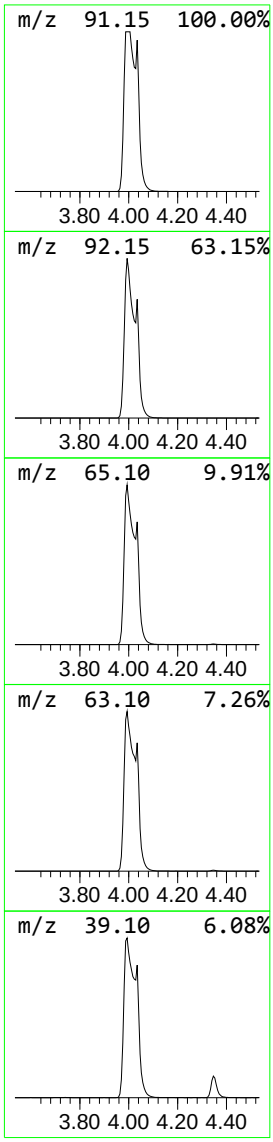
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.034	374.72 ng/ul	17396800	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	91
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

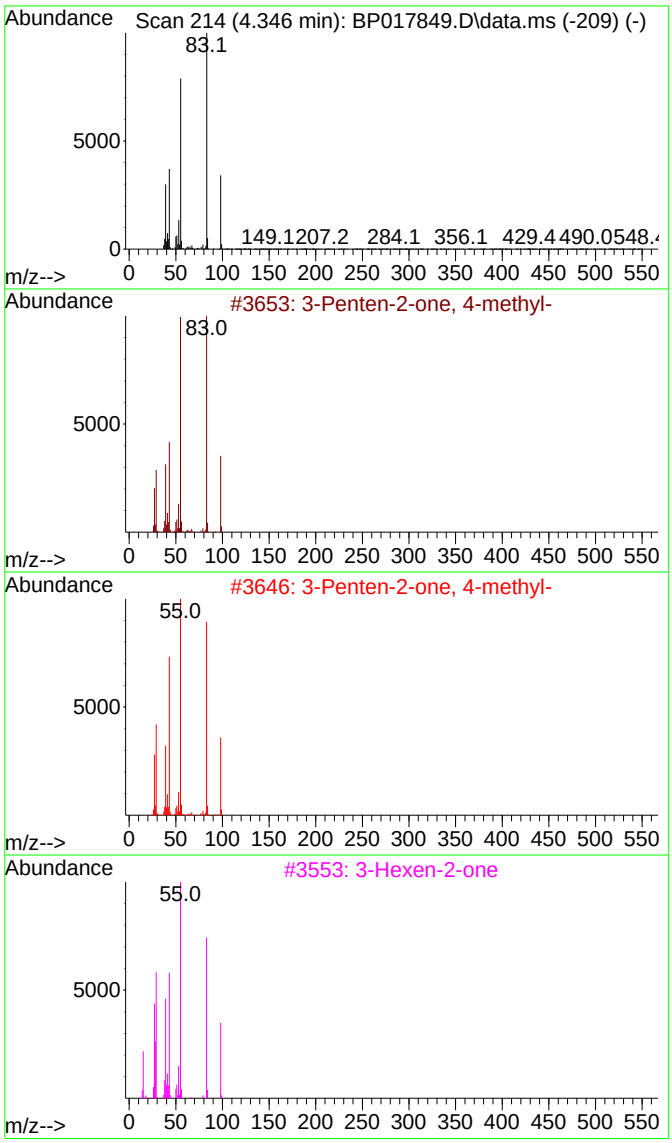
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

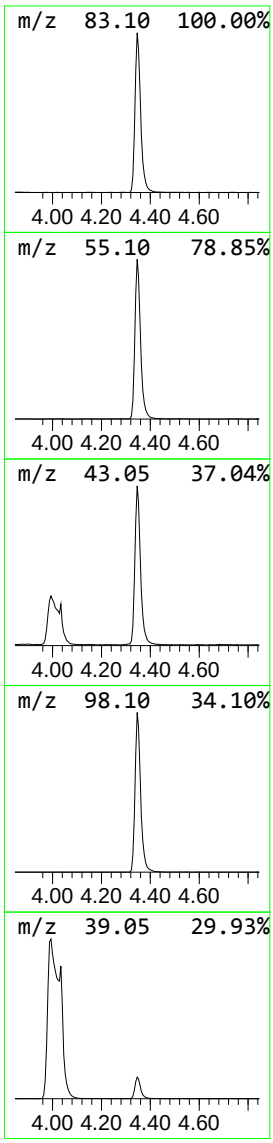
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.346	55.09 ng/ul	2557630	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	91
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
5	3-Hexen-2-one	98	C6H10O	000763-93-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

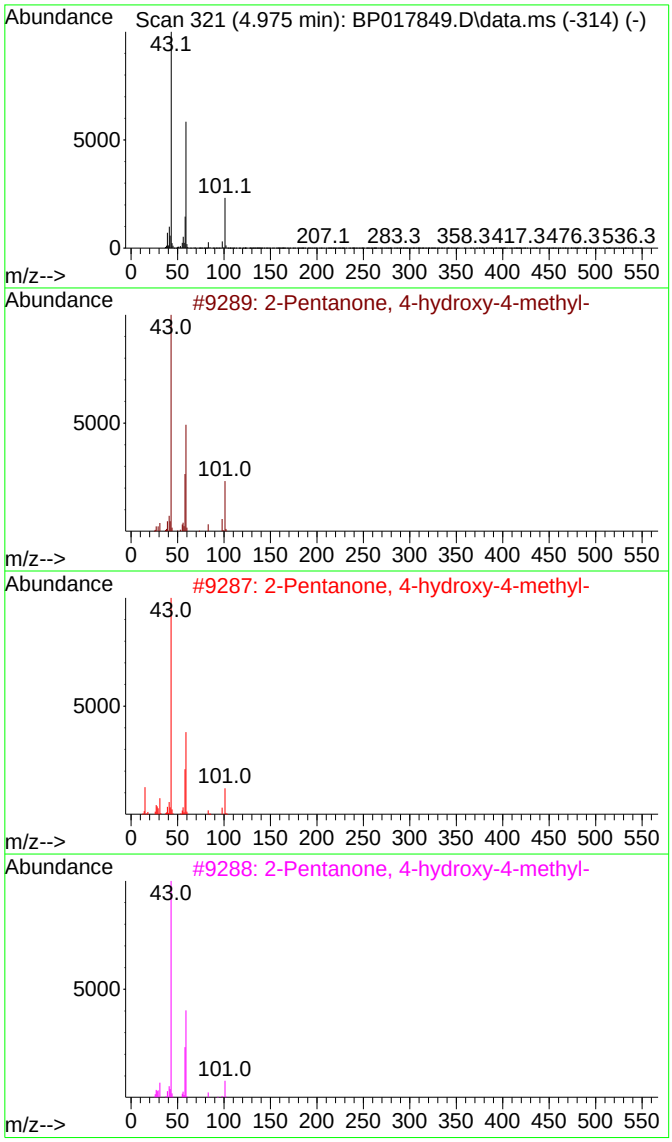
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

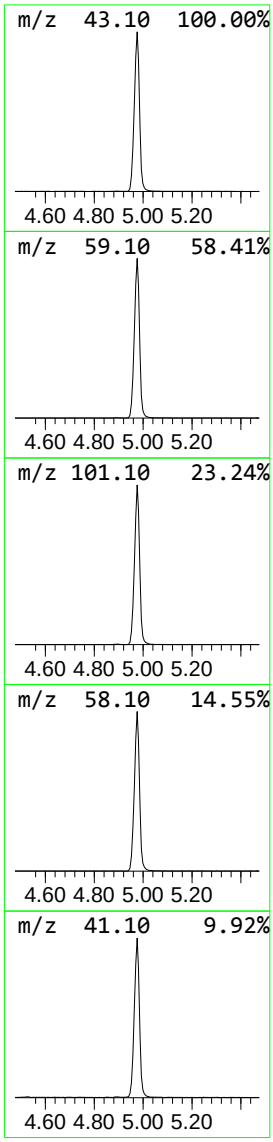
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	108.53 ng/ul	5038710	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

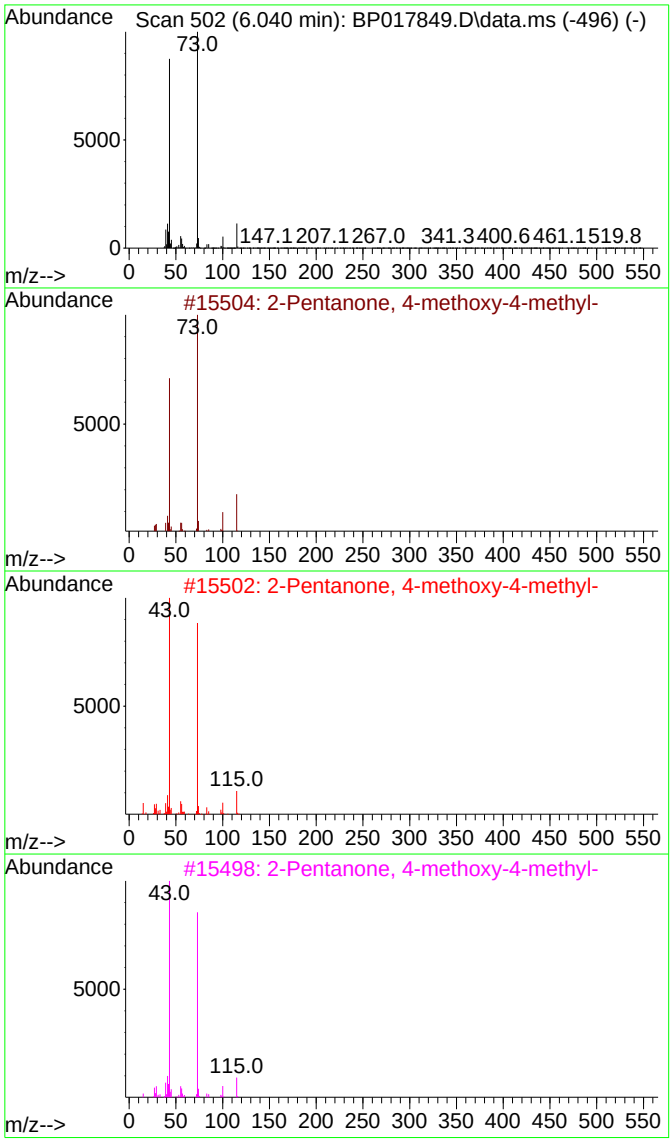
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

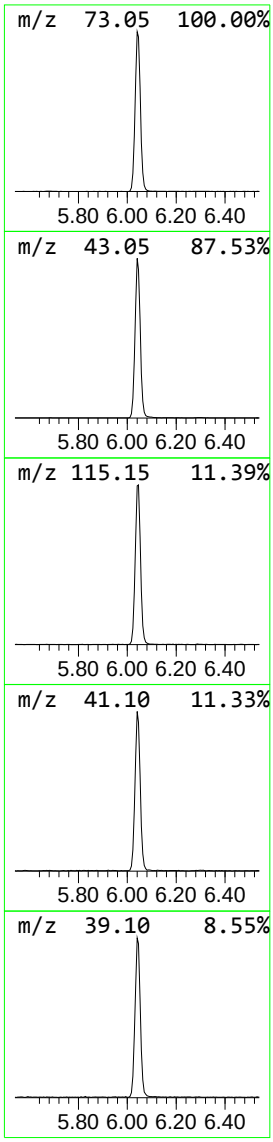
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.040	61.23 ng/ul	2842690	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
3	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
4	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	40
5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

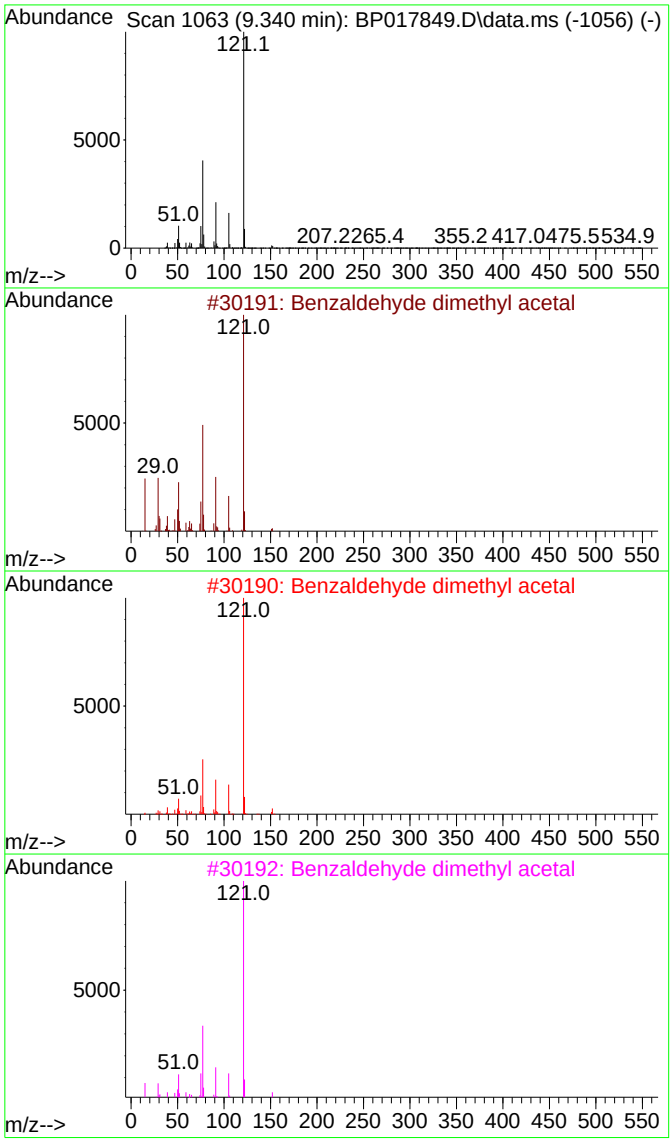
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

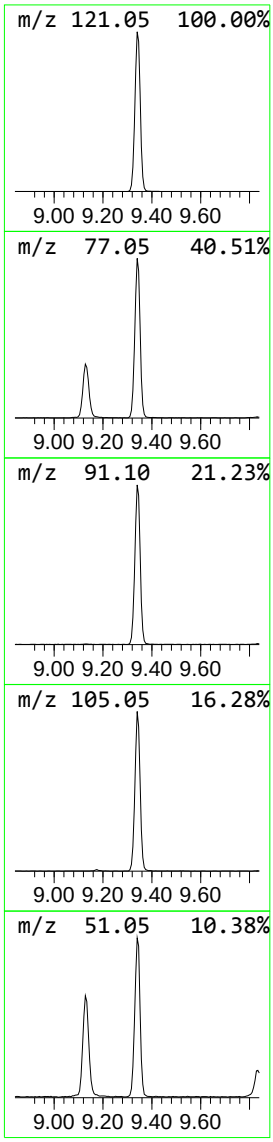
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde dimethyl acetal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.340	38.97 ng/ul	2357440	Naphthalene-d8	10.710

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	91
3	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
4	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	83
5	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

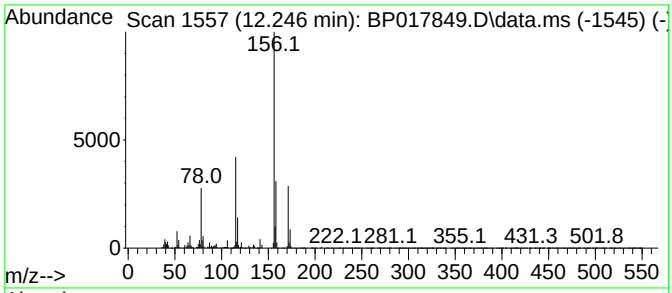
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

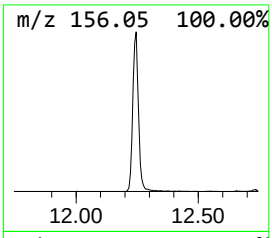
****

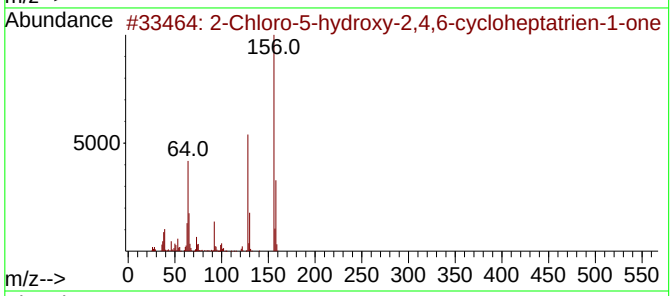
Peak Number 7 unknown-01 Concentration Rank 8

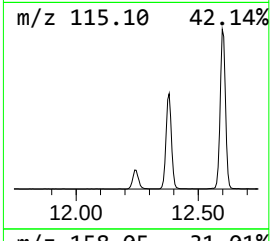
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	6.51 ng/ul	393990	Naphthalene-d8	10.710

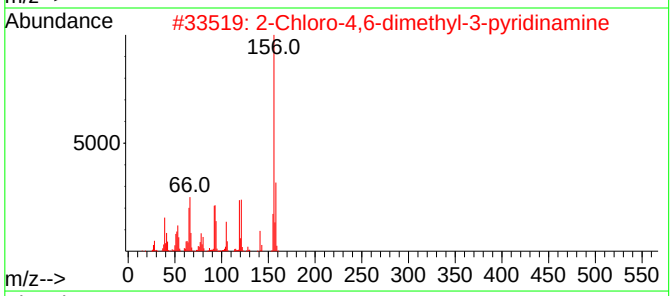
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38
2	2-Chloro-4,6-dimethyl-3-pyridina...	156	C7H9ClN2	140413-40-7	32
3	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28
4	Chloroxylenol	156	C8H9ClO	000088-04-0	25
5	2-Piperidinone, 1-(trimethylsilyl)-	171	C8H17NOSi	003553-93-3	25

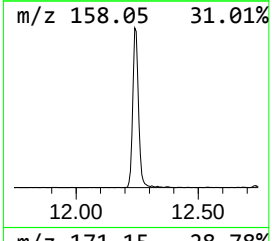


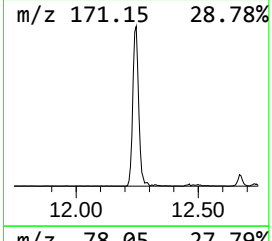


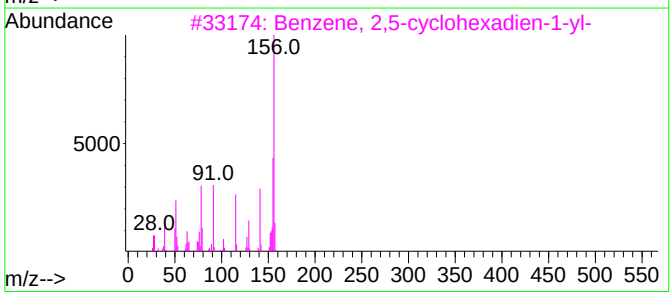


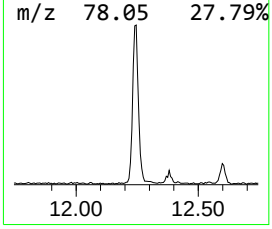












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

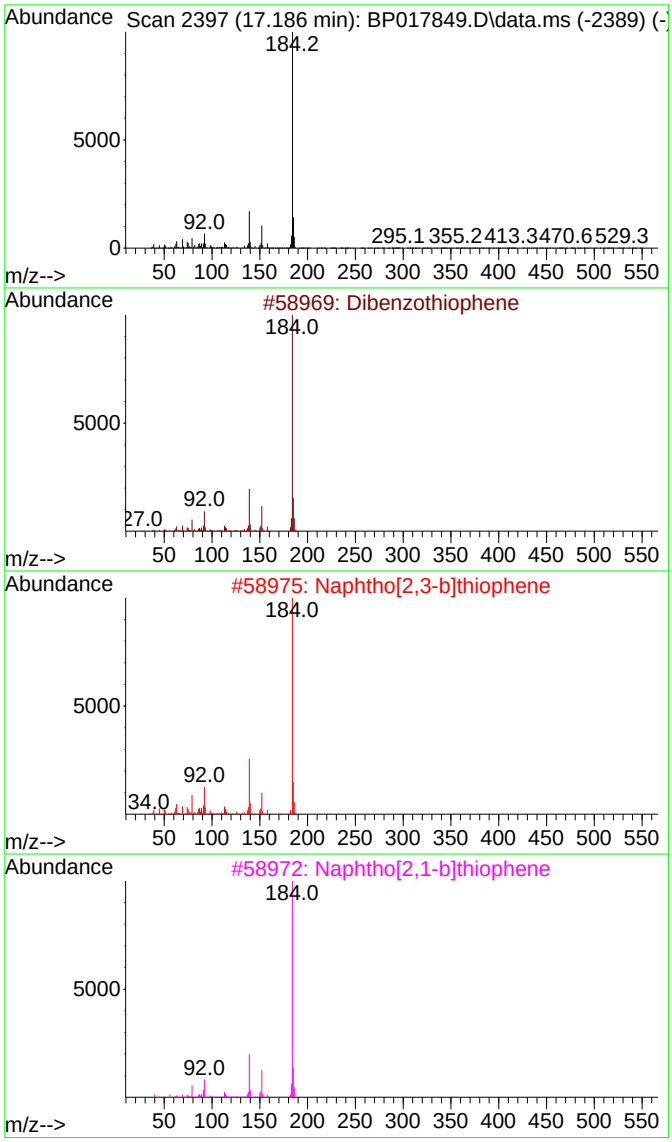
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

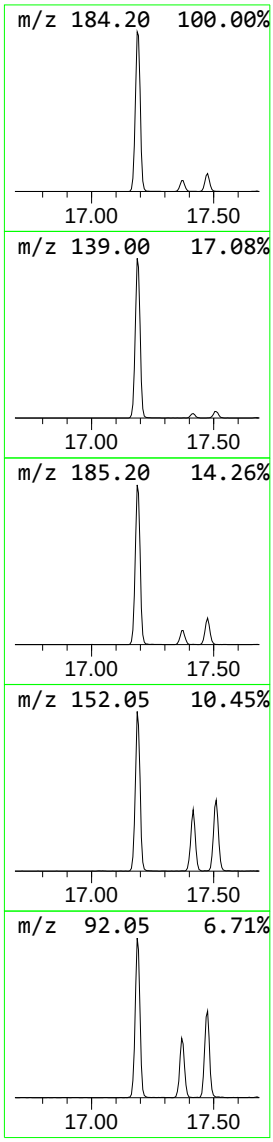
****

Peak Number 8 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	40.44 ng/ul	3300390	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017849.D
Acq On : 01 Nov 2023 13:27
Operator : MA/JU
Sample : 04950-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4A85

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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
Toluene	3.993	1415.4	ng/ul	65713500	1	7.881	928534	20.0
1,3,5-Cyclohept...	4.034	374.7	ng/ul	17396800	1	7.881	928534	20.0
3-Penten-2-one,...	4.346	55.1	ng/ul	2557630	1	7.881	928534	20.0
2-Pentanone, 4-...	4.975	108.5	ng/ul	5038710	1	7.881	928534	20.0
2-Pentanone, 4-...	6.040	61.2	ng/ul	2842690	1	7.881	928534	20.0
Benzaldehyde di...	9.340	39.0	ng/ul	2357440	2	10.710	1209950	20.0
unknown-01	12.246	6.5	ng/ul	393990	2	10.710	1209950	20.0
Dibenzothiophene	17.186	40.4	ng/ul	3300390	4	17.369	1632360	20.0