LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

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-BP060723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015707.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	41	rVB3	9438	12658	0.36%	0.039%
2	3.840	108	111	112	rBV3	9762	9257	0.27%	0.029%
3	3.852	112	113	125	rVV	65729	105596	3.03%	0.326%
4	3.946	125	129	135	rVV	52001	74056	2.12%	0.229%
5	4.023	139	142	145	rVV2	9669	11139	0.32%	0.034%
6	4.070	145	150	156	rVB	18280	30808	0.88%	0.095%
7	4.170	163	167	170	rBV2	11444	14404	0.41%	0.045%
8	4.352	195	198	202	rVB6	3756	5774	0.17%	0.018%
9	4.405	203	207	215	rVB	61229	82506	2.36%	0.255%
10	4.746	262	265	271	rBV8	6250	9199	0.26%	0.028%
11	4.834	275	280	287	rVB	22848	35491	1.02%	0.110%
12	5.117	324	328	332	rBV6	4784	9164	0.26%	0.028%
13	5.240	344	349	358	rVB8	8493	17036	0.49%	0.053%
14	6.322	528	533	537	rBV7	3285	6408	0.18%	0.020%
15	6.922	631	635	640	rBV8	3221	5580	0.16%	0.017%
16	7.258	684	692	708	rBV2	71562	219407	6.29%	0.678%
17	7.405	712	717	730	rVB	77275	143465	4.11%	0.443%
18	7.611	746	752	761	rBV	107366	203200	5.82%	0.628%
19	8.075	824	831	849	rBV	645423	1145815	32.83%	3.542%
20	8.634	922	926	931	rVB8	2601	4139	0.12%	0.013%
21	8.816	949	957	970	rBV2	54115	159979	4.58%	0.495%
22	8.928	971	976	986	rVV	66565	133642	3.83%	0.413%
23	9.269	1027	1034	1053	rBV	86174	199368	5.71%	0.616%
24	9.622	1091	1094	1098	rVB6	3423	4935	0.14%	0.015%
25	9.999	1151	1158	1178	rBV2	64257	173704	4.98%	0.537%
26	10.381	1219	1223	1224	rBV4	5632	6003	0.17%	0.019%
27	10.575	1248	1256	1274	rBV3	59824	213007	6.10%	0.658%
28	10.905	1304	1312	1334	rBV	820078	1645364	47.15%	5.086%
29	11.099	1336	1345	1362	rVV3	42250	153401	4.40%	0.474%
30	11.510	1410	1415	1416	rBV5	4257	5102	0.15%	0.016%
31	11.534	1416	1419	1423	rVV6	2856	5330	0.15%	0.016%
32	12.116	1511	1518	1522	rBV9	3140	5602	0.16%	0.017%
33	12.516	1579	1586	1591	rVB10	3050	7120	0.20%	0.022%
34	12.593	1591	1599	1604	rBV4	10331	24193	0.69%	0.075%
35	12.799	1628	1634	1638	rBV4	9322	16101	0.46%	0.050%
36	13.322	1720	1723	1727	rBV6	2665	4177	0.12%	0.013%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
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Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFQ8

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-BP060723.MA.M
Title : SVOA CALIBRATION

37	13.604	1763	1771	1779	rVV6	16898	38266	1.10%	0.118%
38	13.775	1799	1800	1806	rVB6	3130	4197	0.12%	0.013%
39	13.904	1816	1822	1823	rBV6	5566	8787	0.25%	0.027%
40	14.051	1842	1847	1851	rBV6	9150	17313	0.50%	0.054%
41	14.140	1853	1862	1876	rVV	215081	381685	10.94%	1.180%
42	14.287	1883	1887	1889	rBV4	3974	4747	0.14%	0.015%
43	14.422	1901	1910	1926	rBV	271930	491171	14.08%	1.518%
44	14.604	1936	1941	1943	rBV6	3696	4883	0.14%	0.015%
45	14.728	1955	1962	1969	rBV	1207213	1880047	53.88%	5.812%
46	14.793	1969	1973	1983	rVB2	75826	128213	3.67%	0.396%
47	14.910	1989	1993	1995	rBV5	2933	4117	0.12%	0.013%
48	14.946	1997	1999	2004	rVB6	4400	5726	0.16%	0.018%
49	15.028	2004	2013	2019	rBV7	20216	61296	1.76%	0.189%
50	15.140	2027	2032	2040	rVV2	39781	69413	1.99%	0.215%
51	15.204	2040	2043	2051	rVB10	9393	15489	0.44%	0.048%
52	15.345	2063	2067	2073	rBV9	5268	9531	0.27%	0.029%
53	15.728	2126	2132	2138	rBV	291408	496093	14.22%	1.534%
54	15.787	2138	2142	2154	rVB2	81669	143110	4.10%	0.442%
55	15.887	2154	2159	2166	rBV5	41267	99566	2.85%	0.308%
56	16.040	2182	2185	2187	rVB4	5482	5539	0.16%	0.017%
57	16.087	2188	2193	2199	rBV4	22122	53123	1.52%	0.164%
58	16.228	2214	2217	2225	rVB2	16936	34135	0.98%	0.106%
59	16.763	2302	2308	2309	rBV6	14106	26349	0.76%	0.081%
60	16.792	2310	2313	2318	rVV3	17881	31021	0.89%	0.096%
61	17.016	2345	2351	2355	rBV8	15300	27460	0.79%	0.085%
62	17.057	2355	2358	2361	rVB4	13685	14342	0.41%	0.044%
63	17.157	2371	2375	2381	rVV2	44936	72643	2.08%	0.225%
64	17.234	2381	2388	2392	rVV6	18677	44290	1.27%	0.137%
65	17.310	2396	2401	2408	rVB	54593	82330	2.36%	0.255%
66	17.487	2425	2431	2435	rBV	1312287	1996318	57.21%	6.171%
67	17.534	2435	2439	2444	rVV	1134674	1660249	47.58%	5.132%
68	17.592	2444	2449	2452	rVV2	323310	516400	14.80%	1.596%
69	17.628	2452	2455	2464	rVB	249262	379938	10.89%	1.175%
70	17.904	2496	2502	2513	rBV	165853	292682	8.39%	0.905%
71	18.004	2516	2519	2522	rVV3	10696	10548	0.30%	0.033%
72	18.351	2573	2578	2582	rBV	128374	199188	5.71%	0.616%
73	18.398	2582	2586	2593	rVV	140496	218464	6.26%	0.675%
74	18.481	2596	2600	2604	rVV2	41864	65660	1.88%	0.203%
75	18.545	2605	2611	2614	rVV3	158389	279445	8.01%	0.864%
76	18.575	2614	2616	2622	rVB2	61423	81629	2.34%	0.252%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Title : SVOA CALIBRATION

77	18.834	2656	2660	2664	rBV	75948	104008	2.98%	0.322%
78	18.886	2665	2669	2673	rBV	85198	126606	3.63%	0.391%
79	19.075	2697	2701	2703	rBV4	35563	61101	1.75%	0.189%
80	19.228	2725	2727	2731	rVB	61377	72779	2.09%	0.225%
81	19.386	2750	2754	2760	rVB	83984	138164	3.96%	0.427%
82	19.492	2766	2772	2779	rBV	2047902	2715479	77.82%	8.394%
83	19.816	2822	2827	2829	rBV3	712306	997820	28.59%	3.085%
84	19.845	2829	2832	2839	rVB	1516435	1965588	56.33%	6.076%
85	19.916	2840	2844	2850	rBV	70752	143136	4.10%	0.442%
86	20.022	2859	2862	2871	rVB	106286	157561	4.52%	0.487%
87	20.163	2881	2886	2893	rVB2	86726	206860	5.93%	0.639%
88	20.328	2911	2914	2918	rVB2	148746	192150	5.51%	0.594%
89	20.422	2927	2930	2934	rBV	92446	110559	3.17%	0.342%
90	21.063	3036	3039	3045	rBV	192717	265234	7.60%	0.820%
91	21.222	3062	3066	3069	rBV2	225461	334326	9.58%	1.034%
92	21.363	3087	3090	3098	rVB	194598	265389	7.61%	0.820%
93	21.580	3120	3127	3131	rBV2	1824727	3489634	100.00%	10.788%
94	21.622	3131	3134	3139	rVB	733943	924190	26.48%	2.857%
95	23.357	3423	3429	3435	rBV	659771	1723767	49.40%	5.329%
96	23.910	3519	3523	3528	rBV	290172	480035	13.76%	1.484%
97	24.027	3538	3543	3553	rVB	477964	993344	28.47%	3.071%
98	24.139	3556	3562	3568	rVV	949595	2023591	57.99%	6.256%

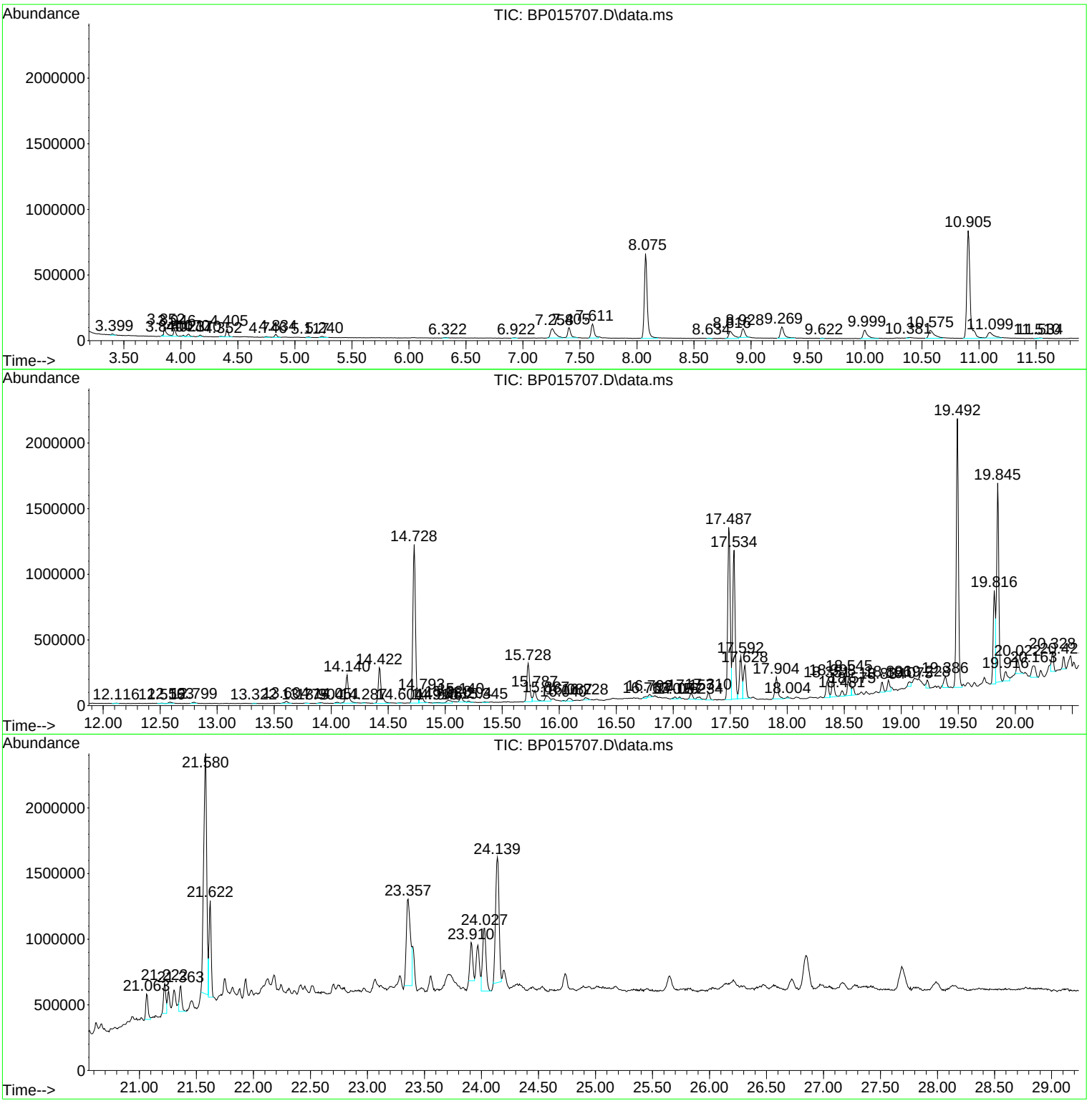
Sum of corrected areas: 32348854

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
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ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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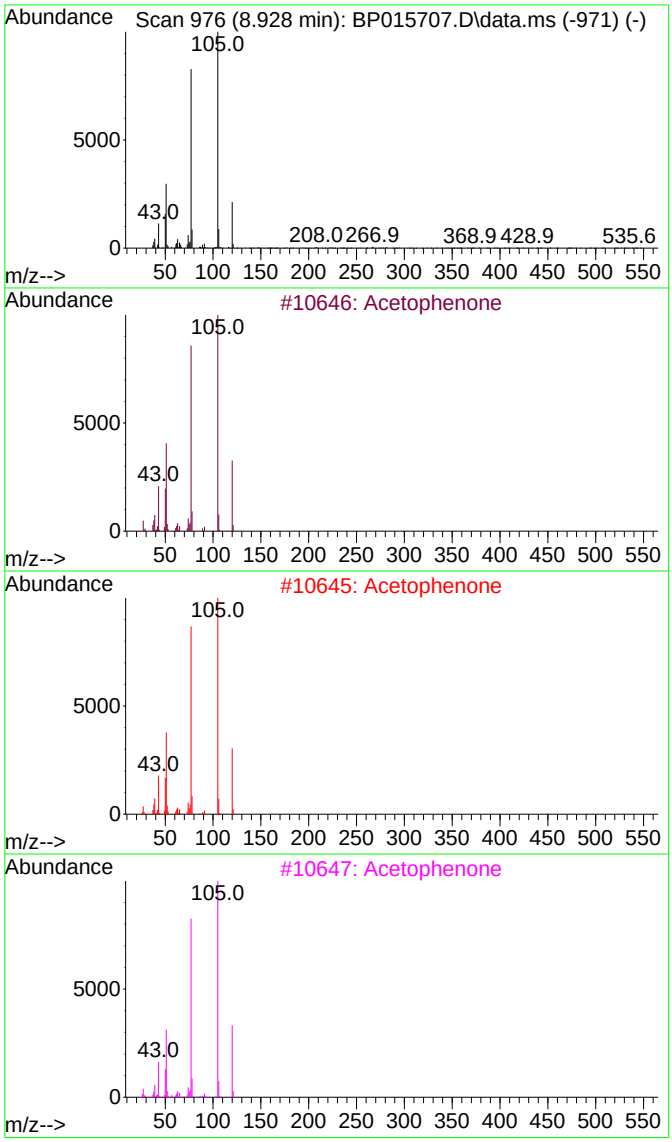
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

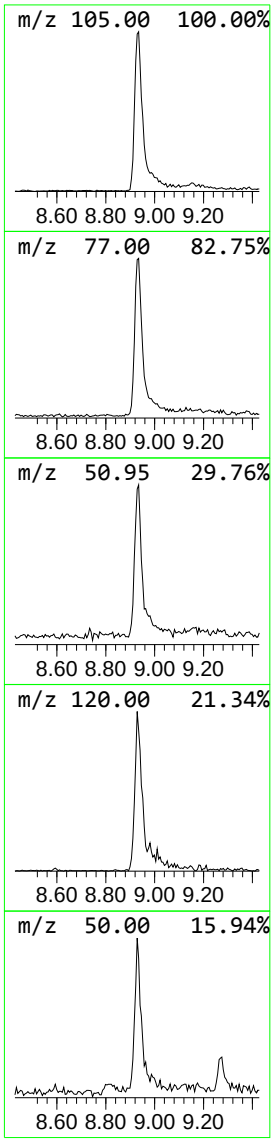
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	2.33 ng/ul	133642	1,4-Dichlorobenzene-d4	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	93
2	Acetophenone	120	C8H8O	000098-86-2	90
3	Acetophenone	120	C8H8O	000098-86-2	90
4	Acetophenone	120	C8H8O	000098-86-2	90
5	Acetophenone	120	C8H8O	000098-86-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

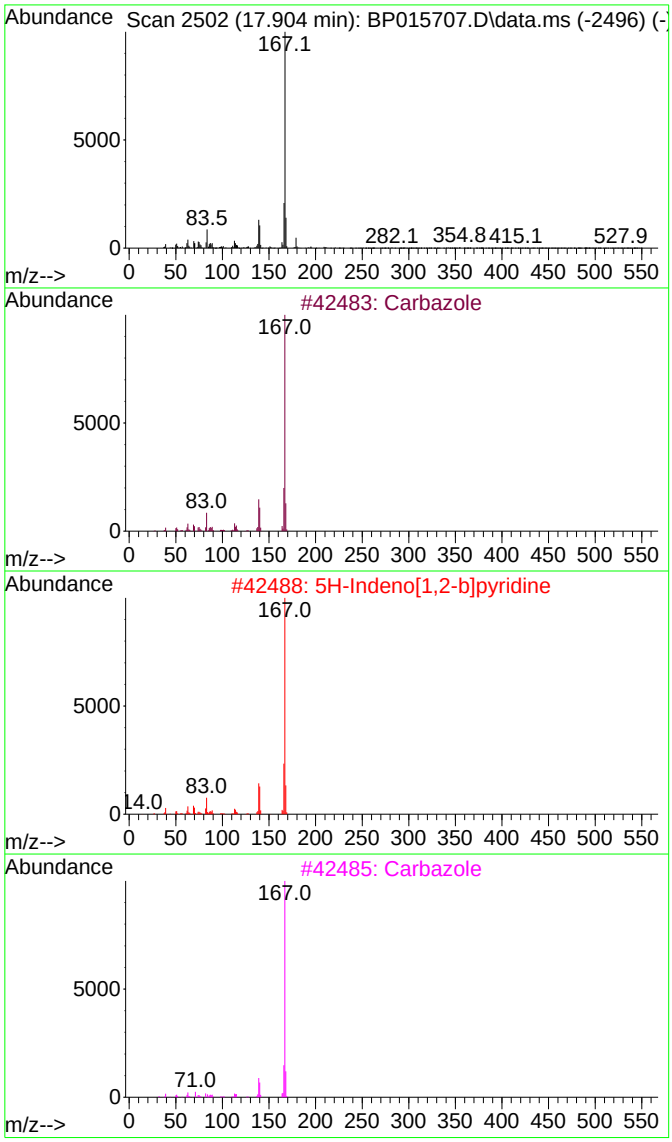
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

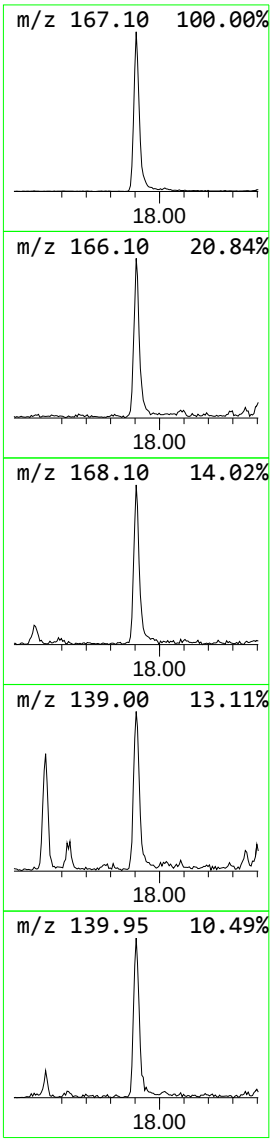
****

Peak Number 2 Carba zole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	2.93 ng/ul	292682	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
3	Carbazole	167	C12H9N	000086-74-8	90
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

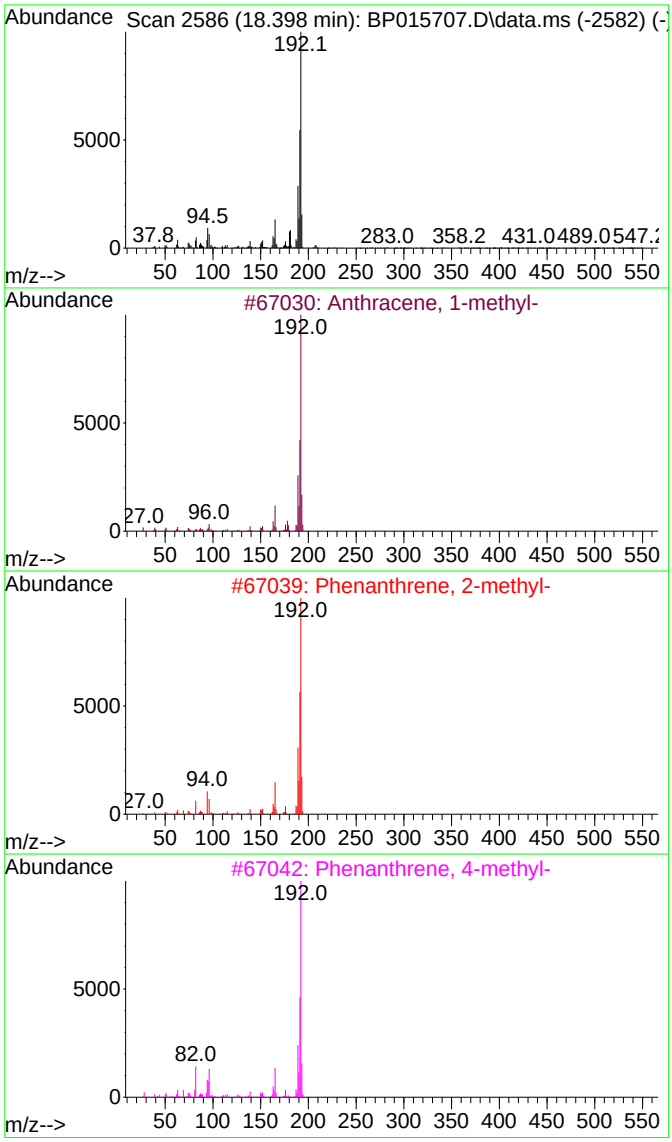
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

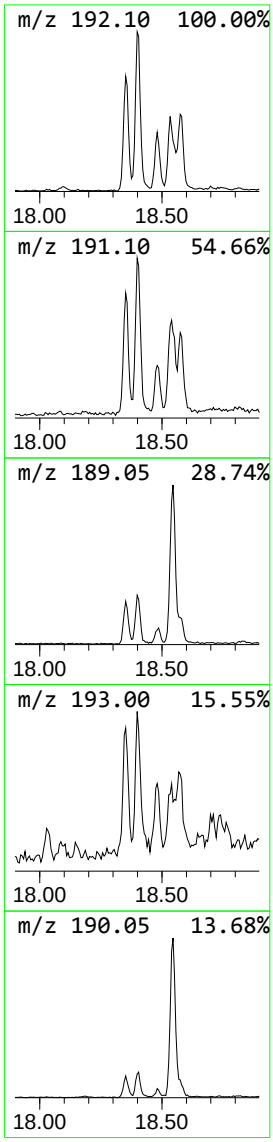
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	2.19 ng/ul	218464	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
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Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

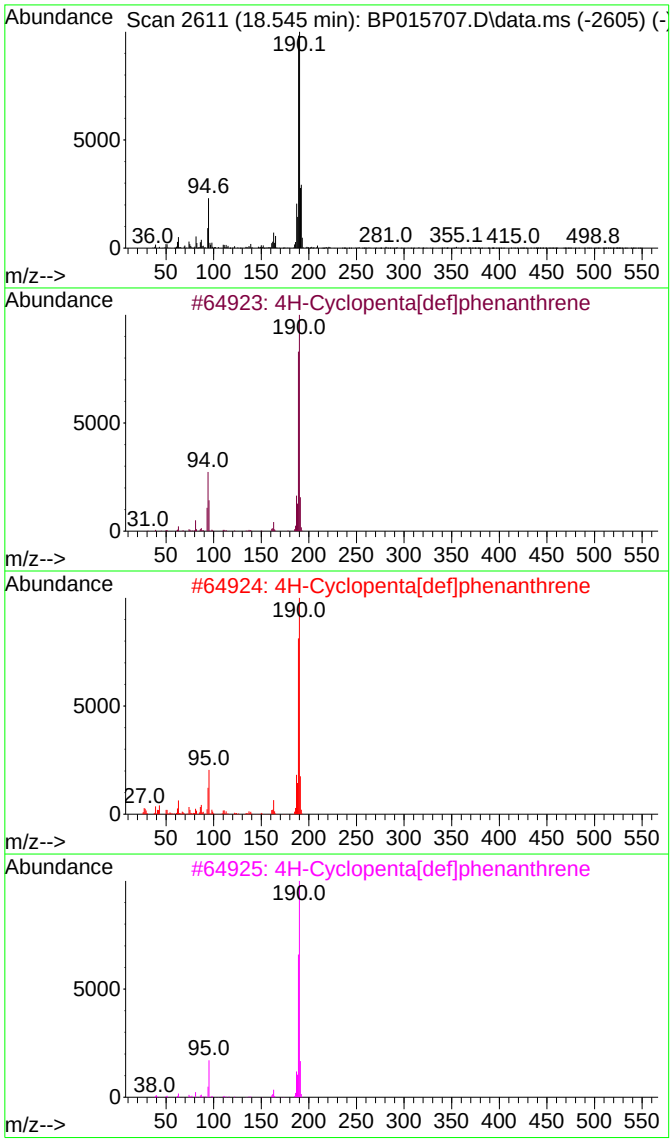
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

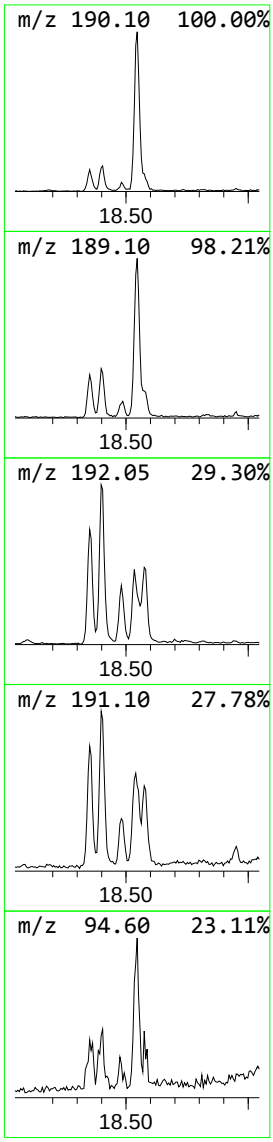
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	2.80 ng/ul	279445	Phenanthrene-d10	17.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

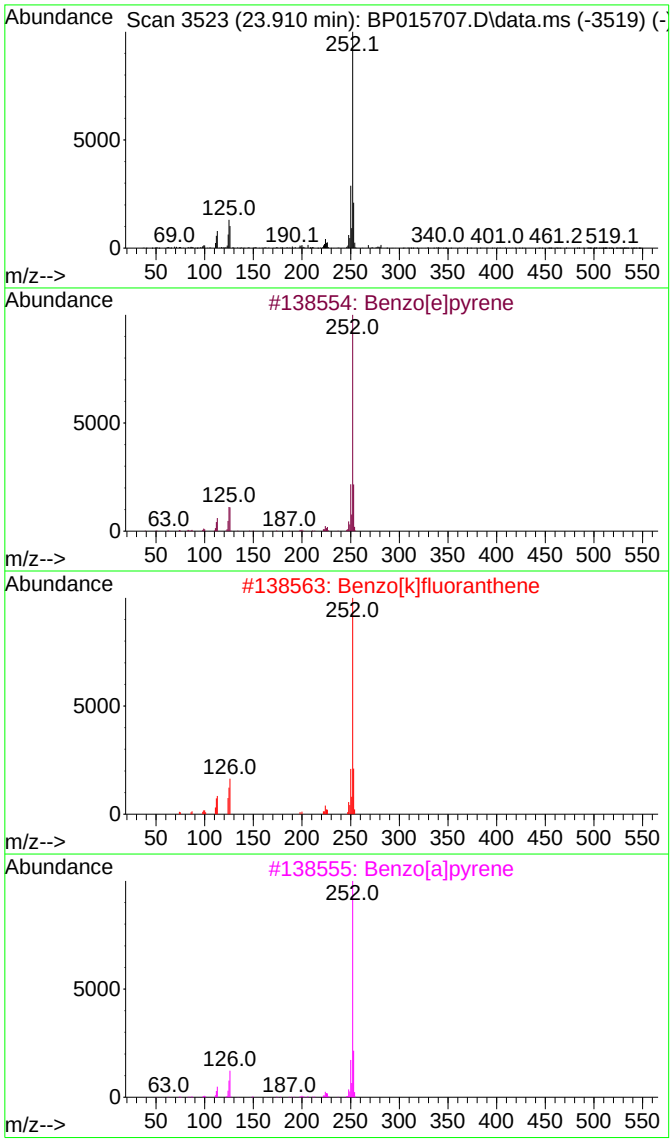
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

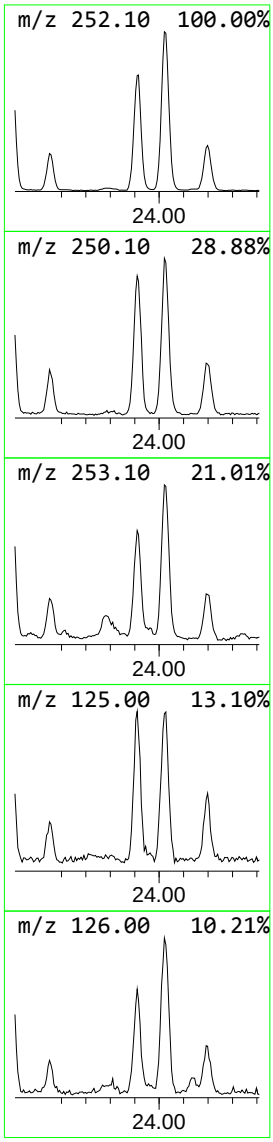
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.910	4.74 ng/ul	480035	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015707.D
Acq On : 24 Jun 2023 14:02
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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
Aceto phenone	8.928	2.3	ng/ul	133642	1	8.075	1145820	20.0
Carba zole	17.904	2.9	ng/ul	292682	4	17.487	1996320	20.0
Anthracene, 1-m...	18.398	2.2	ng/ul	218464	4	17.487	1996320	20.0
4H-Cyclopenta[d...	18.545	2.8	ng/ul	279445	4	17.487	1996320	20.0
Benzo[e]pyrene	23.910	4.7	ng/ul	480035	6	24.139	2023590	20.0