LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

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-BP041823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014788.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	3	5	20	rVB	356014	383982	1.25%	0.368%
2	3.928	124	126	134	rBV	68456	97972	0.32%	0.094%
3	6.651	585	589	594	rBV	37943	59069	0.19%	0.057%
4	7.228	683	687	692	rVB	48620	68260	0.22%	0.065%
5	7.363	705	710	719	rVB	96016	144538	0.47%	0.138%
6	7.469	722	728	735	rBV	289014	449398	1.47%	0.430%
7	7.628	751	755	761	rVB	32645	47169	0.15%	0.045%
8	7.792	777	783	790	rVB	117773	187311	0.61%	0.179%
9	8.151	836	844	851	rBV	1003774	1564033	5.11%	1.498%
10	8.263	859	863	872	rVB	52056	88930	0.29%	0.085%
11	8.534	901	909	915	rBV	221550	356500	1.16%	0.341%
12	8.698	931	937	945	rVB2	38362	64091	0.21%	0.061%
13	9.322	1037	1043	1055	rVB2	268316	490535	1.60%	0.470%
14	9.522	1068	1077	1083	rBV2	33784	57699	0.19%	0.055%
15	9.645	1087	1098	1103	rBV2	54595	115926	0.38%	0.111%
16	10.222	1190	1196	1201	rVB	41107	62794	0.21%	0.060%
17	10.375	1214	1222	1233	rVB2	96161	195121	0.64%	0.187%
18	10.522	1244	1247	1253	rVB4	29148	44879	0.15%	0.043%
19	10.986	1317	1326	1329	rBV	1194218	2234108	7.30%	2.140%
20	11.039	1329	1335	1342	rVV	15416656	30610131	100.00%	29.319%
21	11.110	1342	1347	1350	rVV	137147	252648	0.83%	0.242%
22	11.151	1350	1354	1362	rVB	655728	1092532	3.57%	1.046%
23	11.586	1422	1428	1434	rBV5	33318	58459	0.19%	0.056%
24	12.139	1516	1522	1530	rVV	266378	454387	1.48%	0.435%
25	12.345	1551	1557	1565	rVB	266882	419446	1.37%	0.402%
26	12.522	1580	1587	1595	rBV	197708	316305	1.03%	0.303%
27	12.628	1596	1605	1611	rBV	4675143	7155305	23.38%	6.853%
28	12.739	1616	1624	1631	rVV	3079740	4824190	15.76%	4.621%
29	12.839	1631	1641	1650	rVB	2540374	4186479	13.68%	4.010%
30	13.163	1689	1696	1704	rBV	91494	155634	0.51%	0.149%
31	13.251	1704	1711	1717	rVV2	154763	255744	0.84%	0.245%
32	13.333	1717	1725	1734	rVV	176607	303741	0.99%	0.291%
33	13.557	1755	1763	1768	rBV	246746	373128	1.22%	0.357%
34	13.622	1768	1774	1781	rBV2	999804	1483994	4.85%	1.421%
35	13.769	1791	1799	1802	rBV3	44645	96276	0.31%	0.092%
36	13.816	1802	1807	1818	rVB5	146583	372303	1.22%	0.357%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

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-BP041823.M
Title : SVOA CALIBRATION

37	13.945	1825	1829	1830	rBV	119058	146177	0.48%	0.140%
38	14.098	1845	1855	1860	rBV	408232	785510	2.57%	0.752%
39	14.180	1860	1869	1875	rVB2	611544	1142316	3.73%	1.094%
40	14.298	1883	1889	1893	rBV	154154	253219	0.83%	0.243%
41	14.339	1893	1896	1899	rVV	90054	125858	0.41%	0.121%
42	14.369	1899	1901	1911	rVB4	38230	61765	0.20%	0.059%
43	14.474	1911	1919	1927	rBV	821345	1472474	4.81%	1.410%
44	14.533	1927	1929	1936	rVB	76767	110233	0.36%	0.106%
45	14.692	1950	1956	1961	rBV2	49022	90228	0.29%	0.086%
46	14.780	1961	1971	1977	rVV	1848688	2764425	9.03%	2.648%
47	14.845	1977	1982	1987	rVV	1975802	2852978	9.32%	2.733%
48	14.910	1987	1993	2001	rVV	1410777	2101126	6.86%	2.012%
49	15.045	2011	2016	2021	rVV	60273	98238	0.32%	0.094%
50	15.116	2021	2028	2032	rVV3	23939	58330	0.19%	0.056%
51	15.180	2032	2039	2047	rVV2	2295131	3665705	11.98%	3.511%
52	15.251	2047	2051	2062	rVB6	22552	47610	0.16%	0.046%
53	15.563	2096	2104	2108	rBV3	34046	63721	0.21%	0.061%
54	15.633	2113	2116	2120	rVV3	24578	46199	0.15%	0.044%
55	15.692	2120	2126	2133	rVV	392830	622393	2.03%	0.596%
56	15.769	2133	2139	2144	rVV	963147	1393873	4.55%	1.335%
57	15.821	2144	2148	2157	rVB	352353	537134	1.75%	0.514%
58	16.051	2182	2187	2194	rVV2	137826	225114	0.74%	0.216%
59	16.116	2194	2198	2203	rVV2	123830	196349	0.64%	0.188%
60	16.174	2204	2208	2211	rVV	46668	76400	0.25%	0.073%
61	16.221	2211	2216	2219	rVV	191037	273377	0.89%	0.262%
62	16.263	2219	2223	2230	rVV2	276635	502816	1.64%	0.482%
63	16.327	2230	2234	2244	rVB	316450	478987	1.56%	0.459%
64	16.486	2251	2261	2270	rBV4	71823	157717	0.52%	0.151%
65	16.604	2275	2281	2287	rVB3	32300	71356	0.23%	0.068%
66	16.751	2302	2306	2310	rBV	40630	52963	0.17%	0.051%
67	16.798	2310	2314	2318	rBV2	69800	96402	0.31%	0.092%
68	16.892	2325	2330	2334	rBV	226622	339856	1.11%	0.326%
69	16.933	2334	2337	2343	rVB2	80439	113740	0.37%	0.109%
70	17.145	2365	2373	2374	rVV3	66911	111747	0.37%	0.107%
71	17.180	2374	2379	2388	rVB	1282476	1804003	5.89%	1.728%
72	17.351	2403	2408	2416	rVB	201428	300125	0.98%	0.287%
73	17.492	2427	2432	2433	rBV	66135	84661	0.28%	0.081%
74	17.533	2433	2439	2442	rVV	1978092	2969903	9.70%	2.845%
75	17.574	2442	2446	2450	rVV	2248578	3111069	10.16%	2.980%
76	17.627	2450	2455	2465	rVV2	1221821	1911961	6.25%	1.831%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
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Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

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-BP041823.M
Title : SVOA CALIBRATION

77	17.710	2465	2469	2471	rVV	180462	268583	0.88%	0.257%
78	17.733	2471	2473	2481	rVV	169061	258035	0.84%	0.247%
79	17.833	2485	2490	2496	rVV4	40014	98995	0.32%	0.095%
80	17.921	2498	2505	2511	rVV	1424224	2019881	6.60%	1.935%
81	17.992	2511	2517	2524	rVV5	102683	257701	0.84%	0.247%
82	18.057	2524	2528	2532	rVV3	46697	75495	0.25%	0.072%
83	18.133	2537	2541	2546	rVV3	26536	58532	0.19%	0.056%
84	18.215	2550	2555	2560	rVB3	53642	85140	0.28%	0.082%
85	18.351	2574	2578	2581	rBV2	62443	84944	0.28%	0.081%
86	18.421	2586	2590	2594	rVV3	129907	174815	0.57%	0.167%
87	18.574	2610	2616	2619	rBV6	31714	64330	0.21%	0.062%
88	18.710	2635	2639	2643	rVB	49376	69415	0.23%	0.066%
89	18.798	2649	2654	2660	rVB	50960	74964	0.24%	0.072%
90	18.898	2667	2671	2676	rVB2	176131	228402	0.75%	0.219%
91	19.345	2742	2747	2751	rBV	69850	111818	0.37%	0.107%
92	19.392	2751	2755	2759	rVV2	77430	108156	0.35%	0.104%
93	19.515	2772	2776	2781	rVB	194889	241785	0.79%	0.232%
94	19.592	2785	2789	2800	rVB2	77651	142417	0.47%	0.136%
95	19.774	2817	2820	2826	rVB	109391	144378	0.47%	0.138%
96	19.839	2826	2831	2844	rBV	1107049	1623769	5.30%	1.555%
97	20.286	2902	2907	2920	rBV	277031	469759	1.53%	0.450%
98	21.598	3125	3130	3139	rBV	2124124	2859466	9.34%	2.739%
99	24.003	3533	3539	3553	rVB	693965	1410541	4.61%	1.351%
100	24.174	3560	3568	3579	rBV2	1411785	3032295	9.91%	2.904%

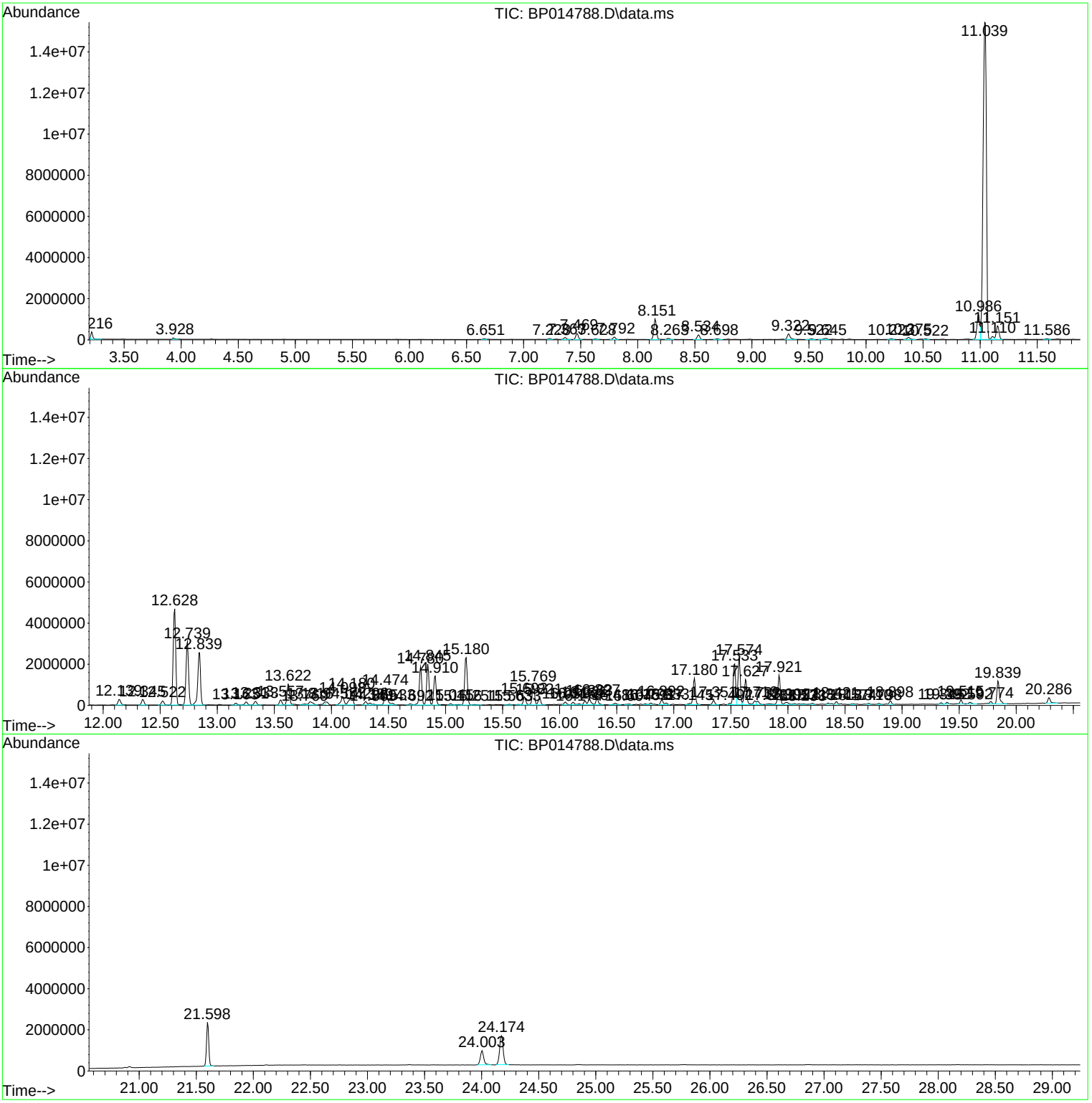
Sum of corrected areas: 104404691

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

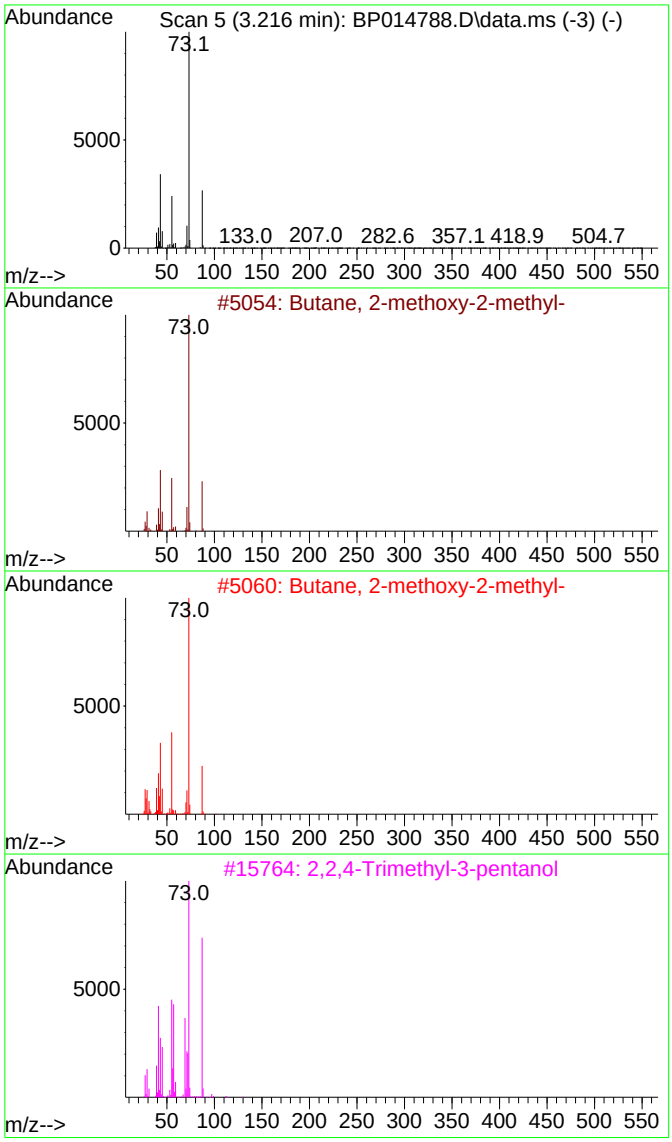
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

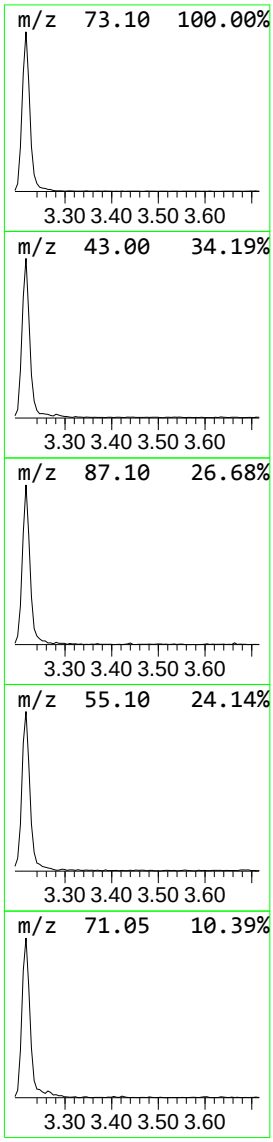
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.216	4.91 ng/ul	383982	1,4-Dichlorobenzene-d4	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

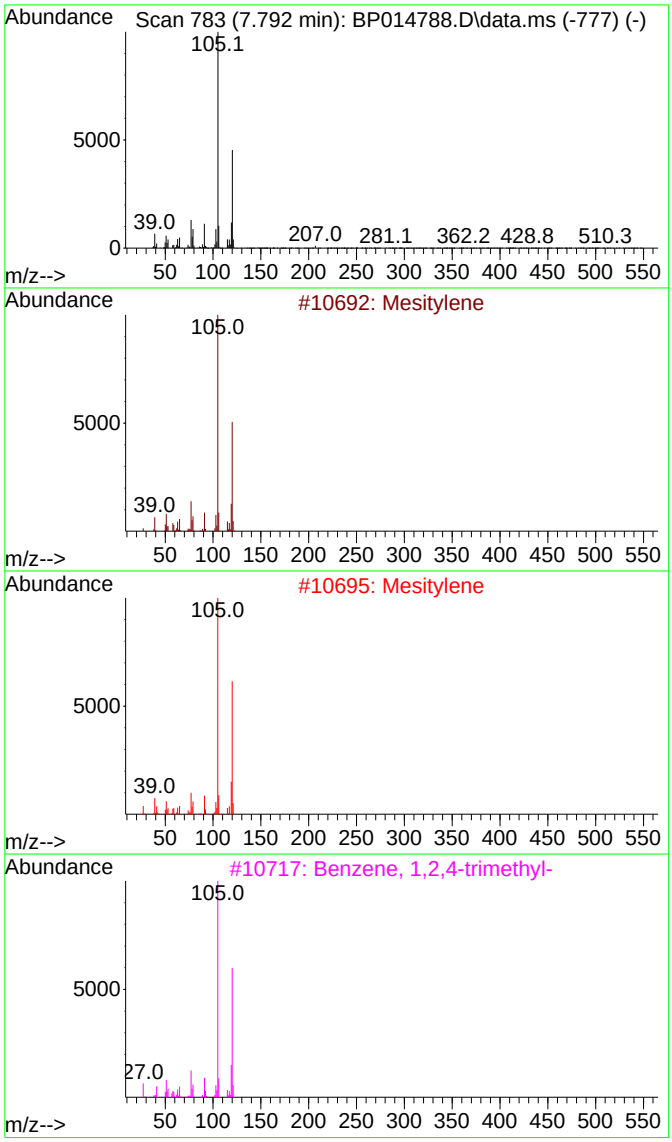
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

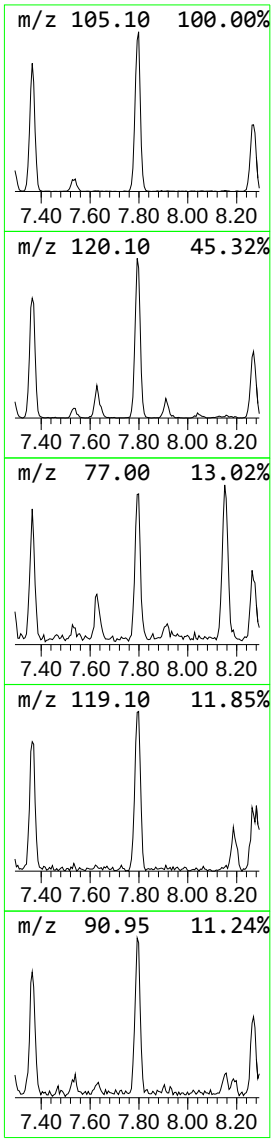
****

Peak Number 2 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.792	2.40 ng/ul	187311	1,4-Dichlorobenzene-d4	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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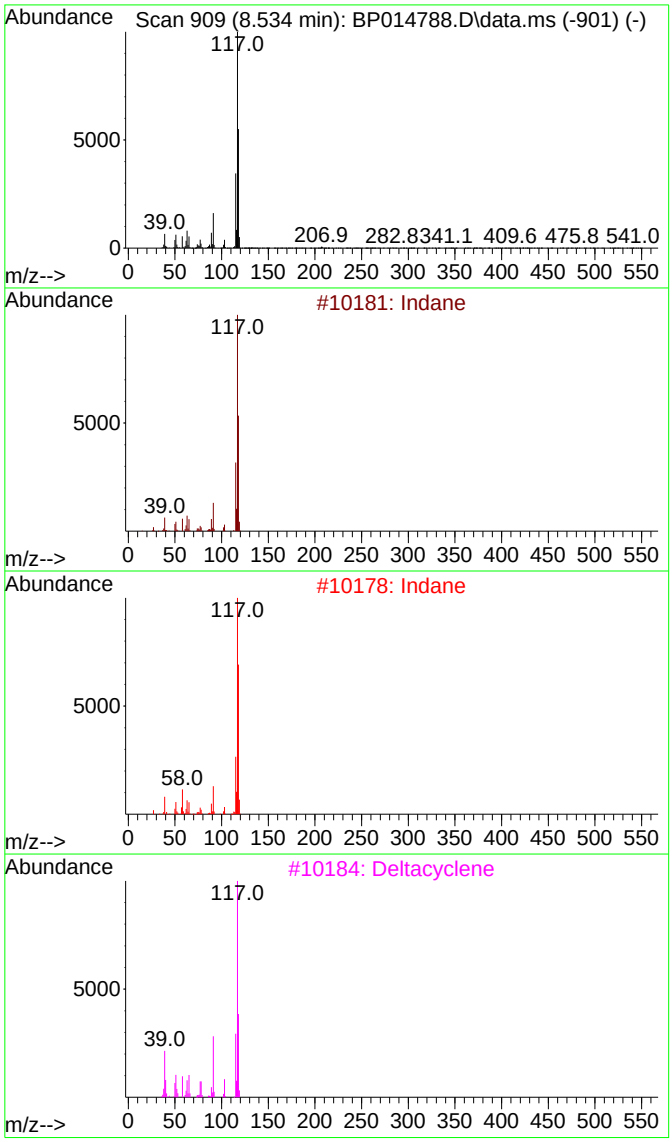
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

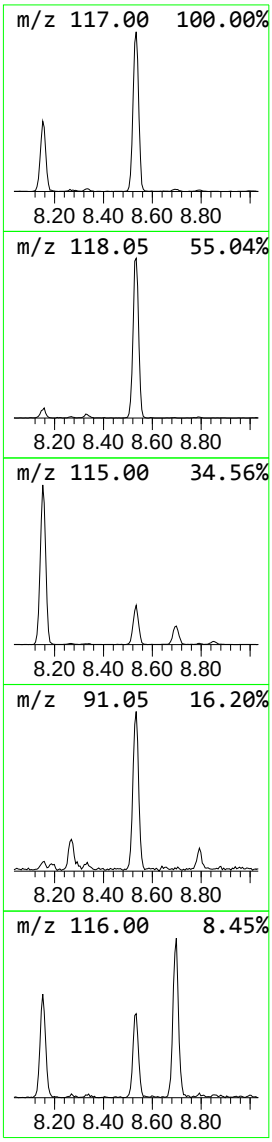
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.534	4.56 ng/ul	356500	1,4-Dichlorobenzene-d4	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

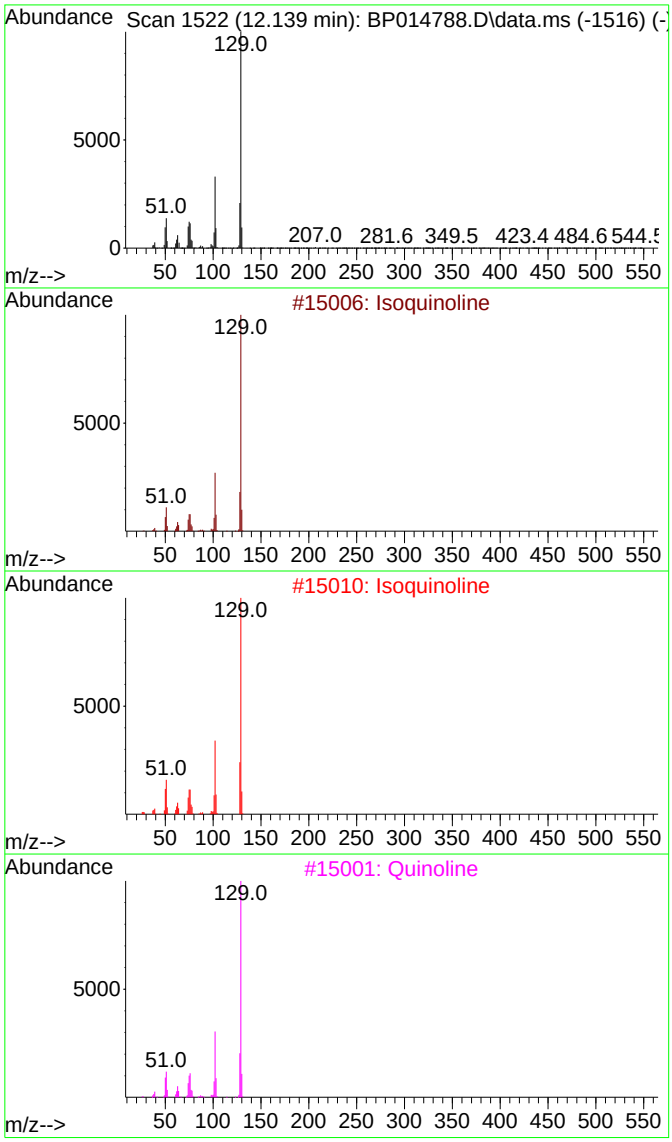
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

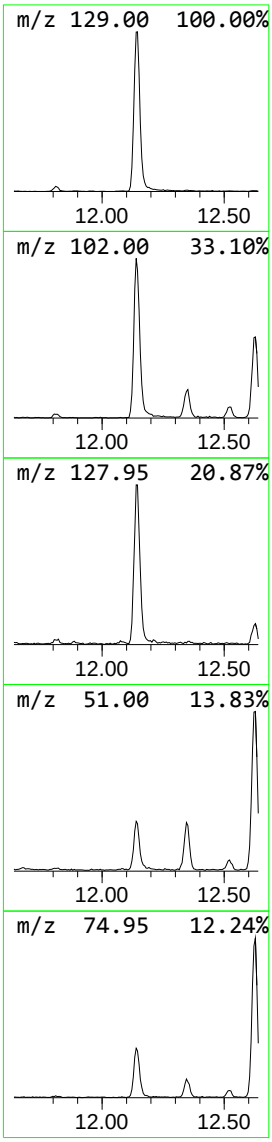
****

Peak Number 4 Isoquinoline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	4.07 ng/ul	454387	Naphthalene-d8	10.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	97
2	Isoquinoline	129	C9H7N	000119-65-3	96
3	Quinoline	129	C9H7N	000091-22-5	96
4	Isoquinoline	129	C9H7N	000119-65-3	95
5	Isoquinoline	129	C9H7N	000119-65-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

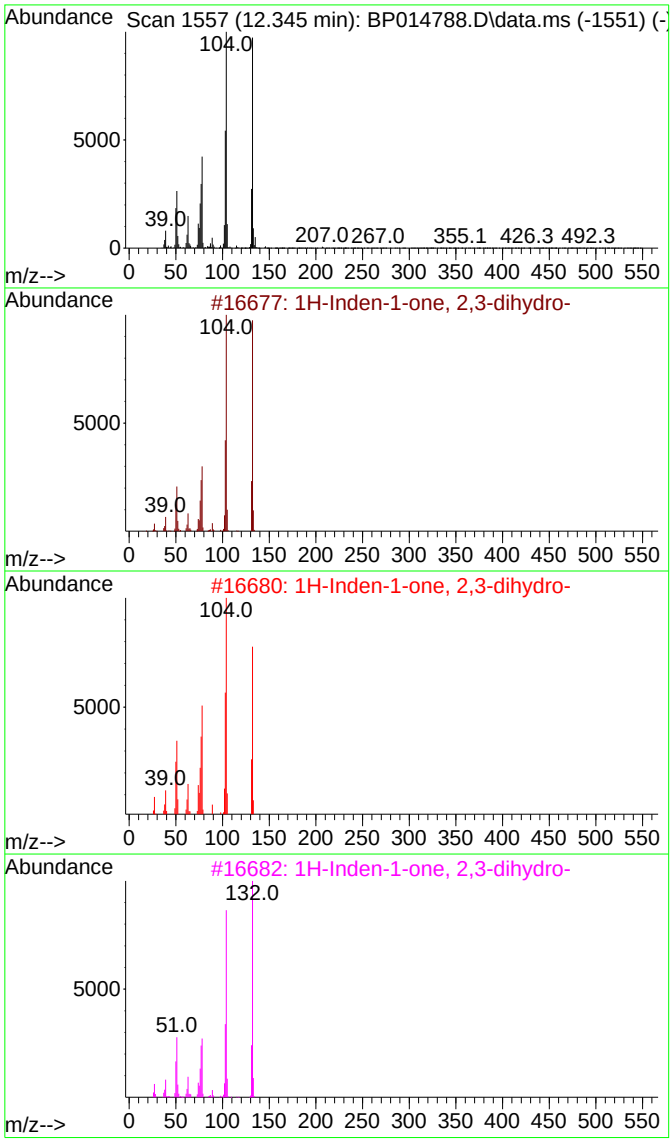
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

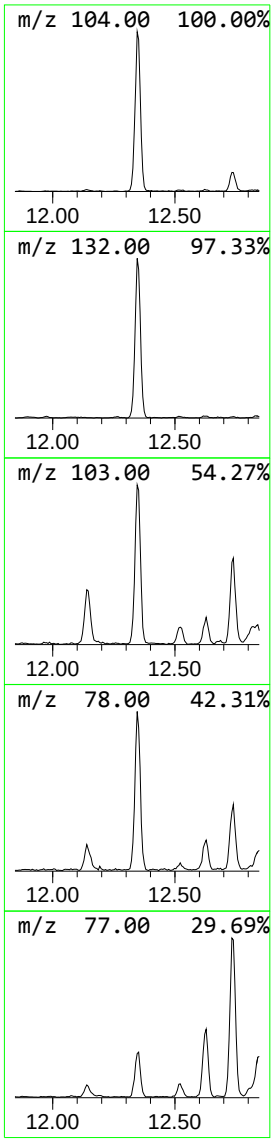
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	3.75 ng/ul	419446	Naphthalene-d8	10.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
4	Styrene	104	C8H8	000100-42-5	91
5	Styrene	104	C8H8	000100-42-5	60





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Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

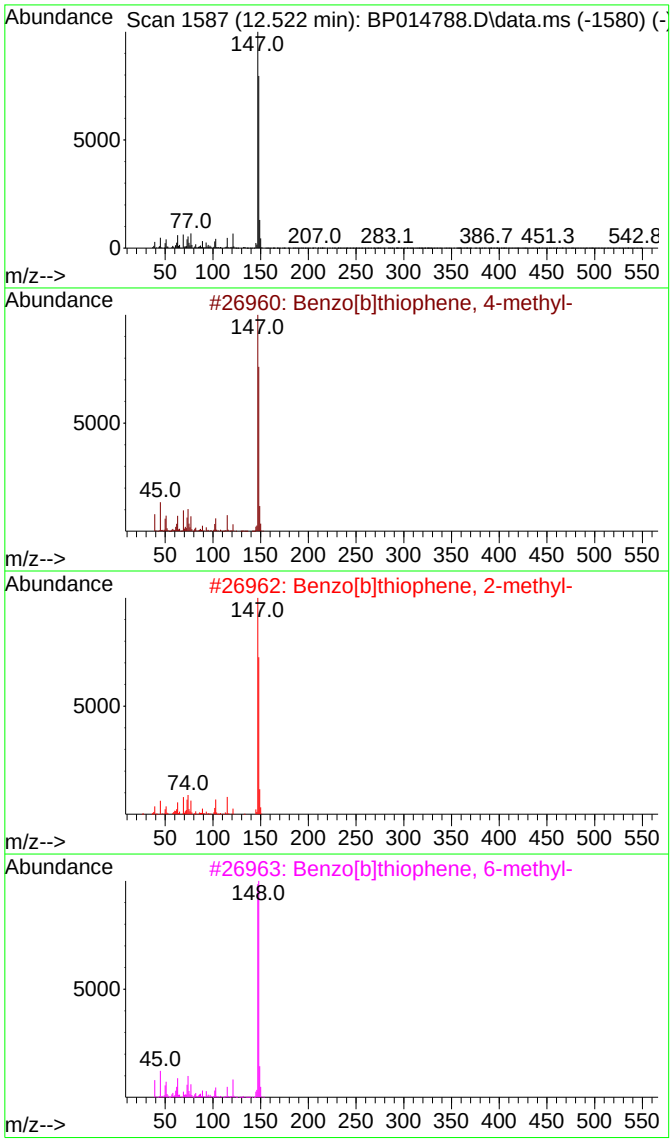
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

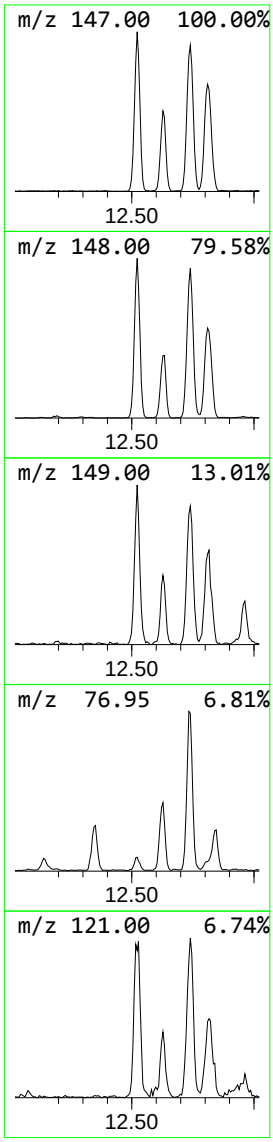
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzo[b]thiophene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	2.83 ng/ul	316305	Naphthalene-d8	10.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87





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Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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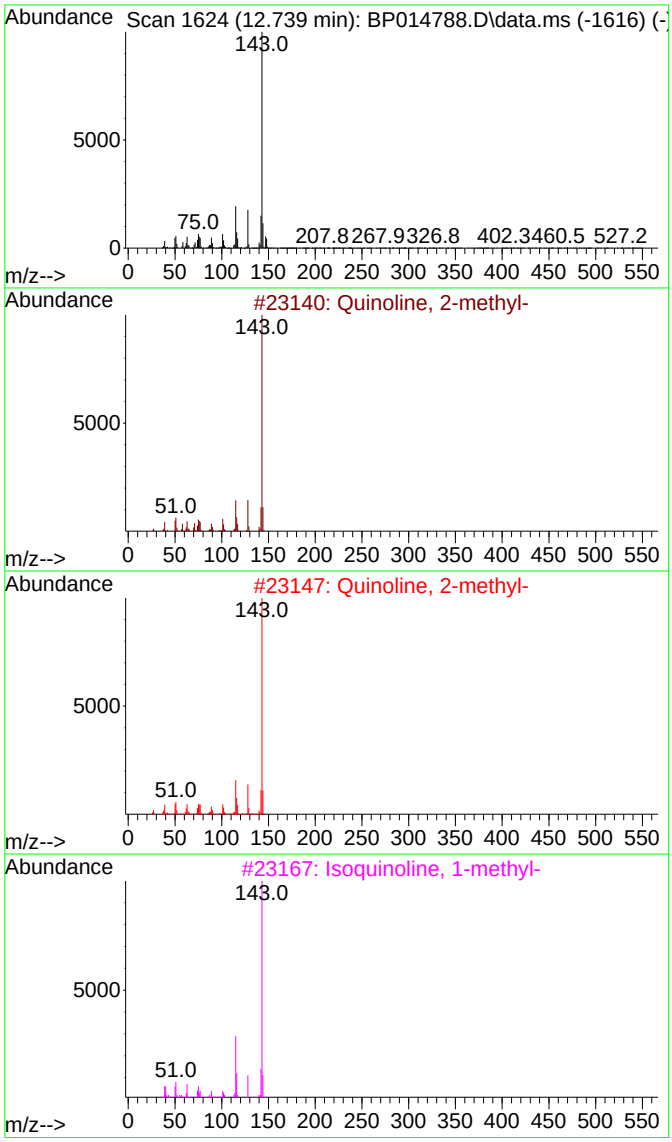
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

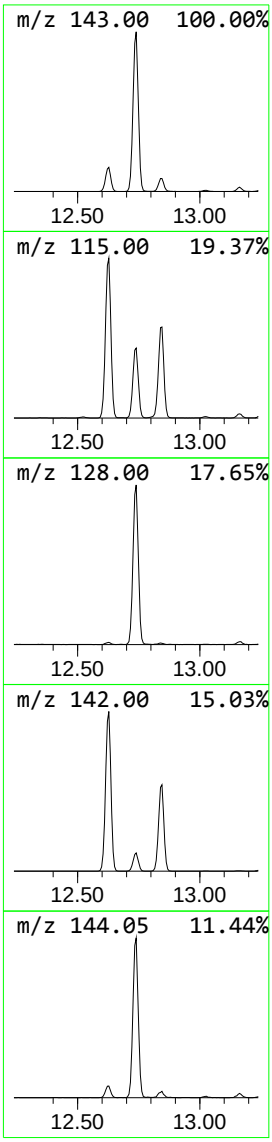
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Quinoline, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	43.19 ng/ul	4824190	Naphthalene-d8	10.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	87
4	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87





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Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

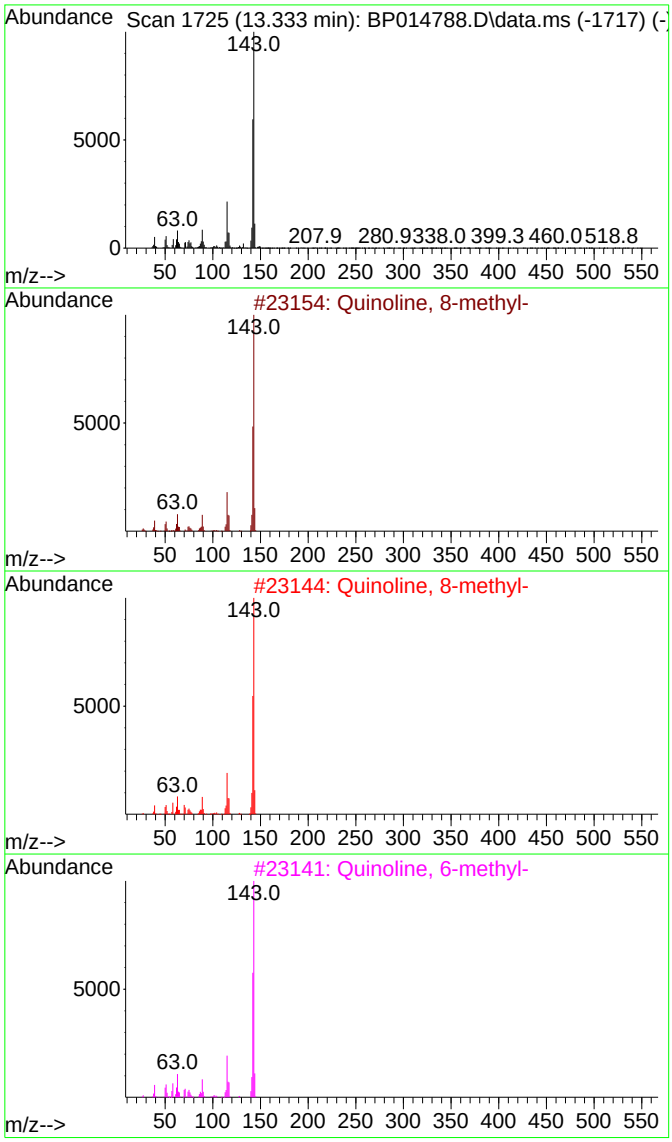
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

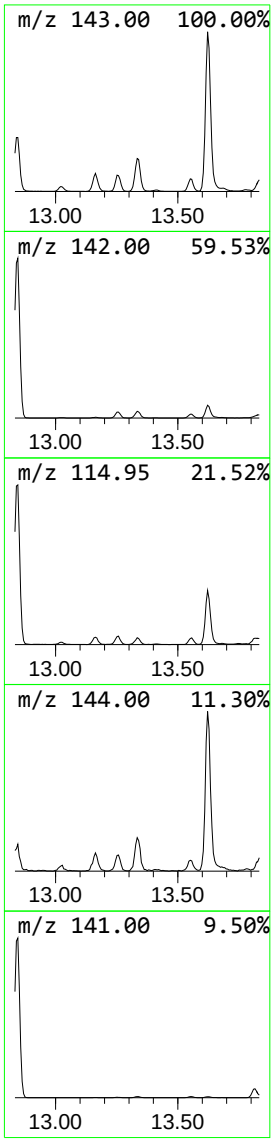
****

Peak Number 8 Quinoline, 8-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	2.20 ng/ul	303741	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	97
2	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	96
3	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	96
4	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	96
5	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	96





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Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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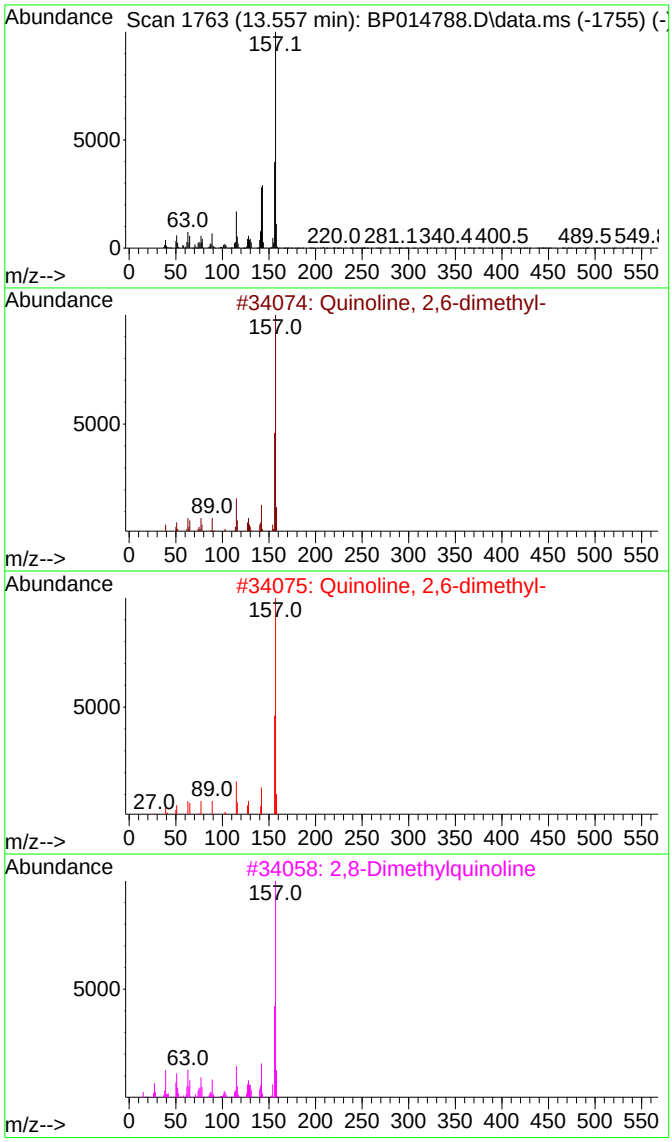
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

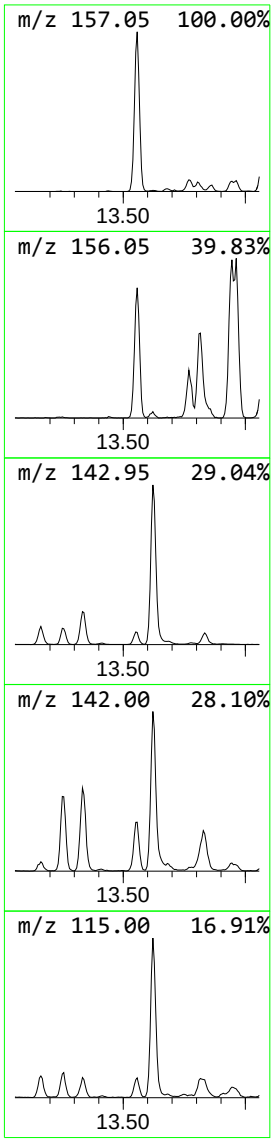
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Quinoline, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	2.70 ng/ul	373128	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	96
2	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	95
3	2,8-Dimethylquinoline	157	C11H11N	001463-17-8	94
4	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	94
5	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	93





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Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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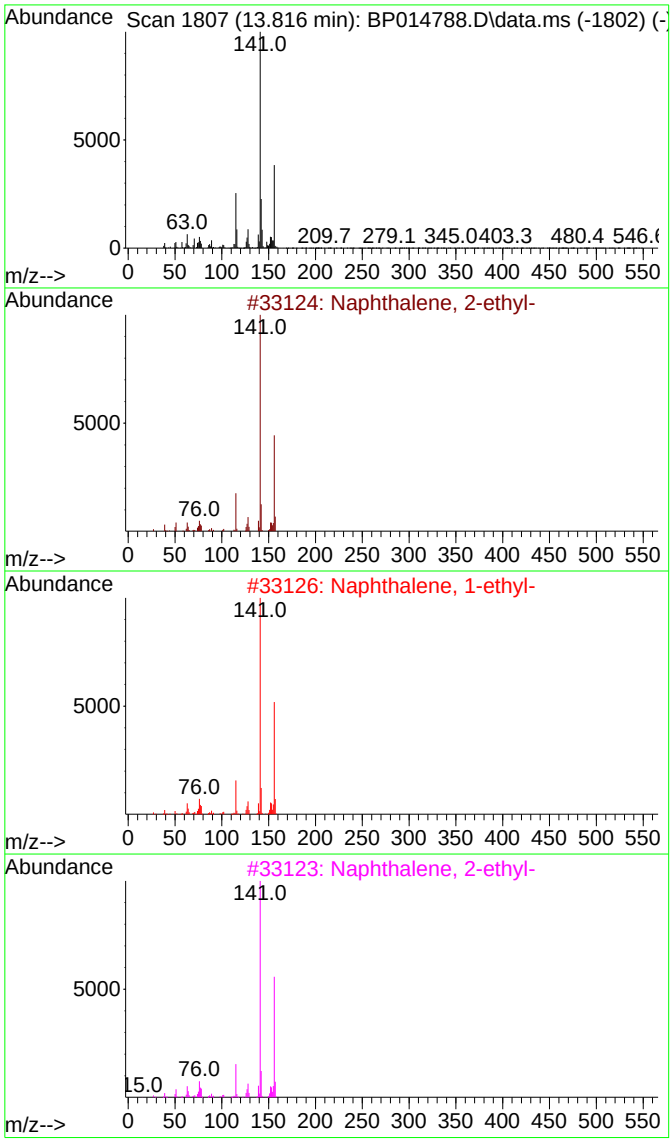
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

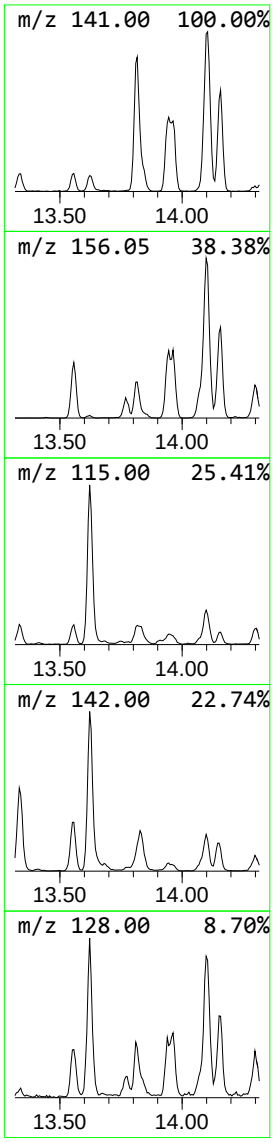
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	2.69 ng/ul	372303	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	74
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	49





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Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

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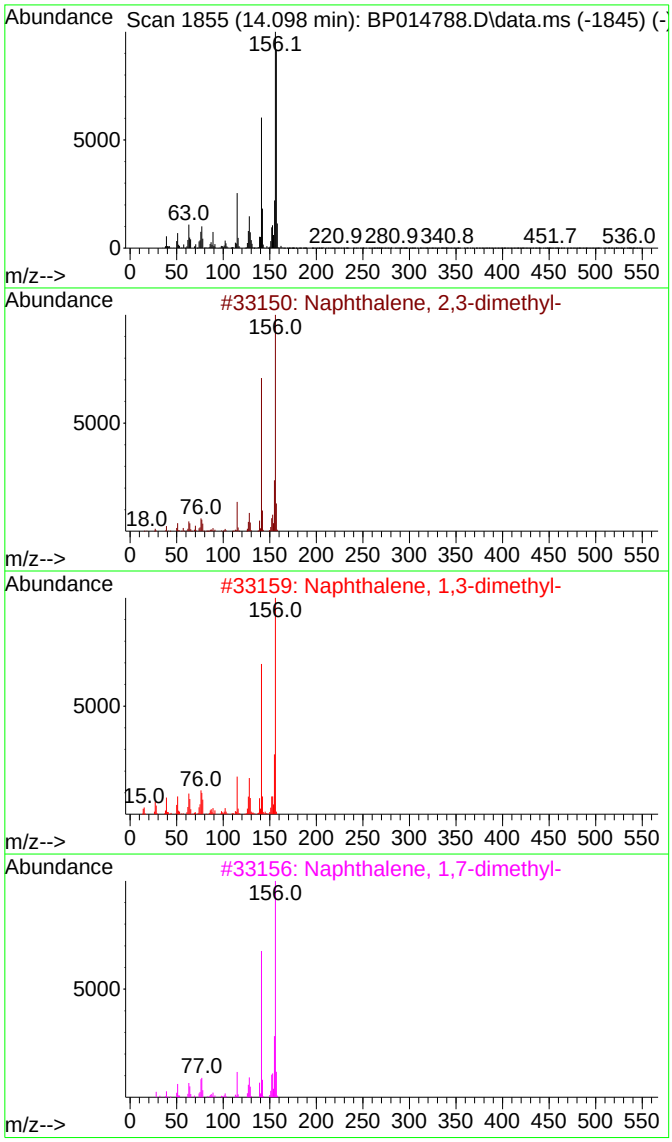
Quant Title : SVOA CALIBRATION

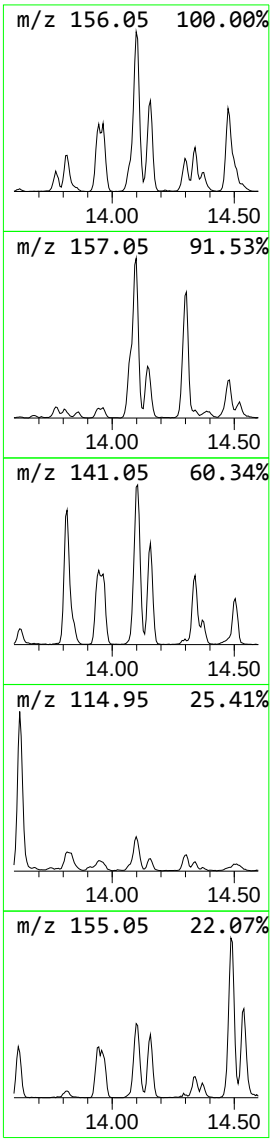
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	5.68 ng/ul	785510	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	83
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78





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Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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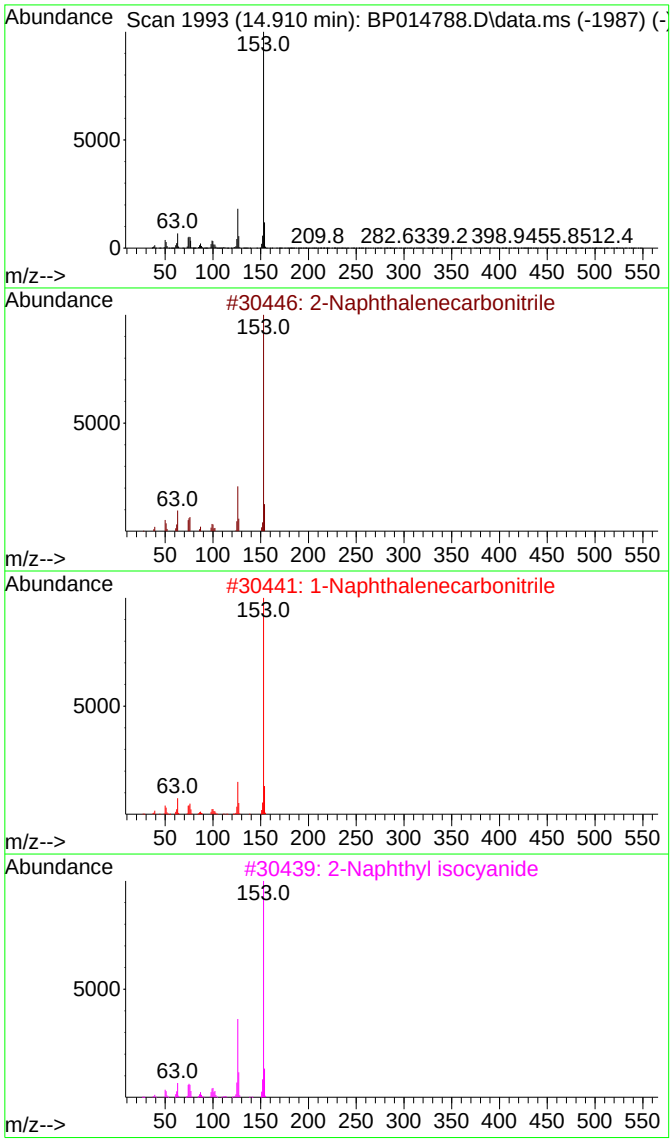
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

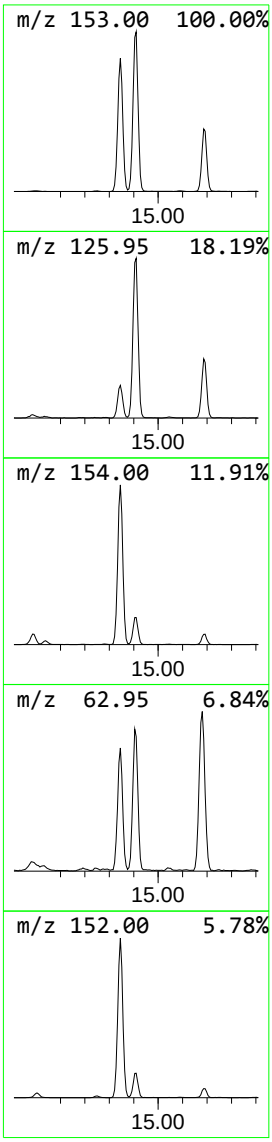
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	15.20 ng/ul	2101130	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

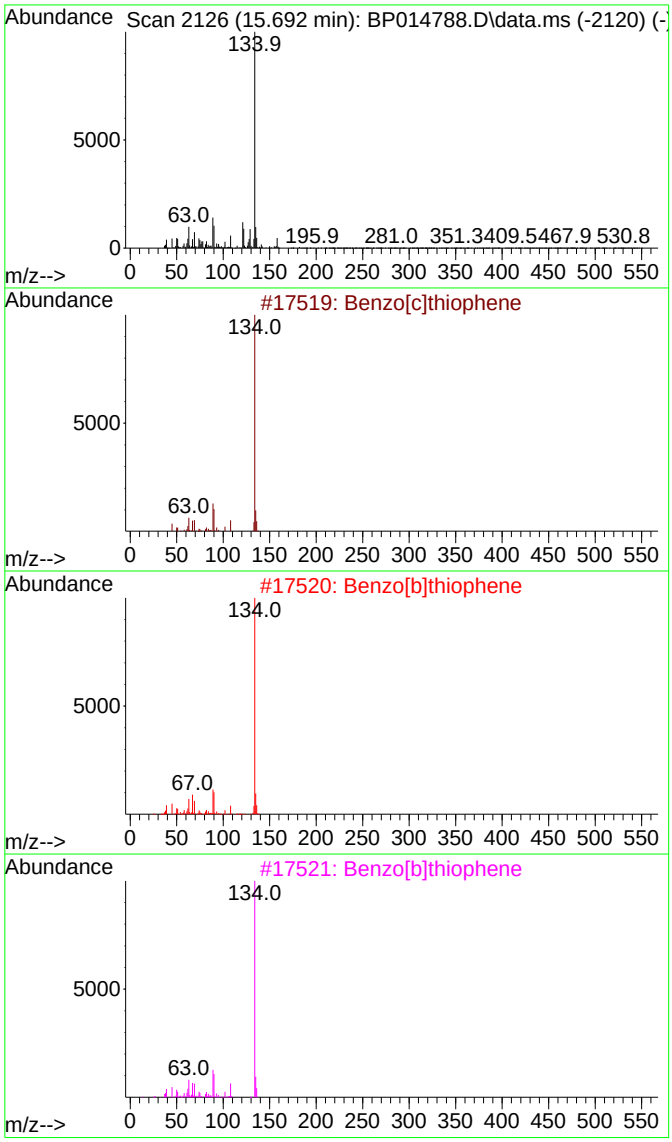
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

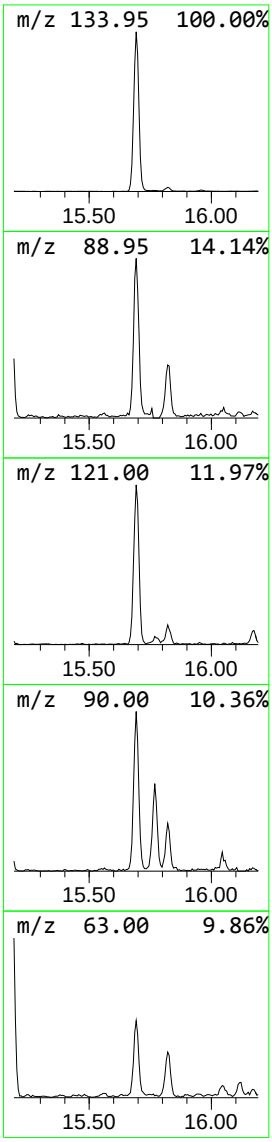
****

Peak Number 13 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	4.50 ng/ul	622393	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	81
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	81
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	74





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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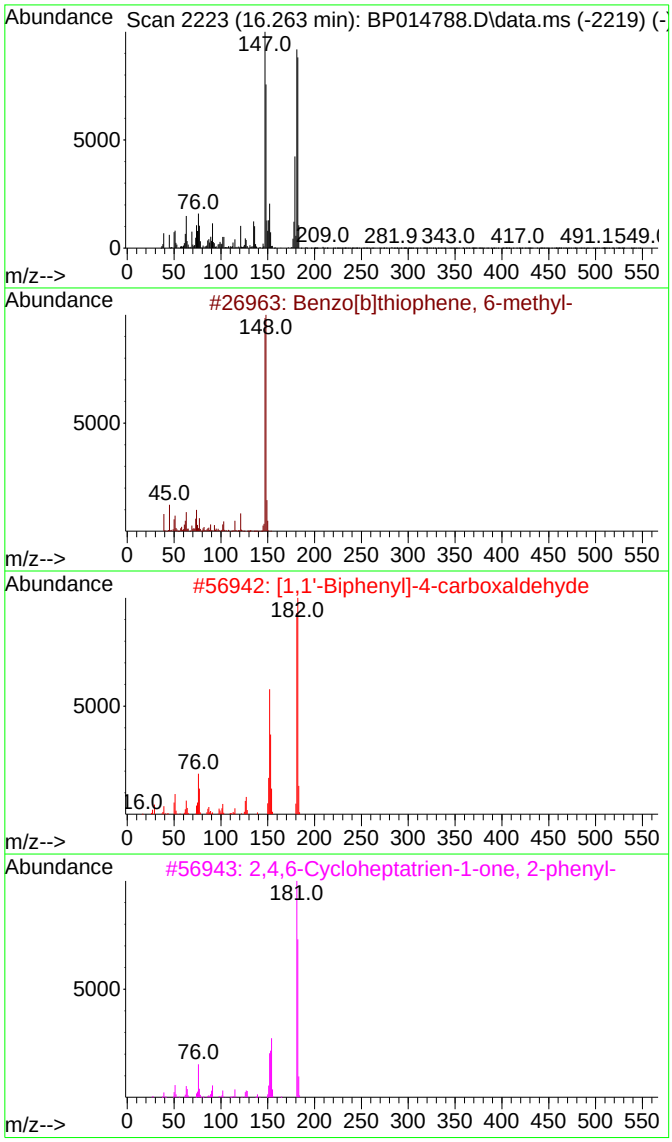
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

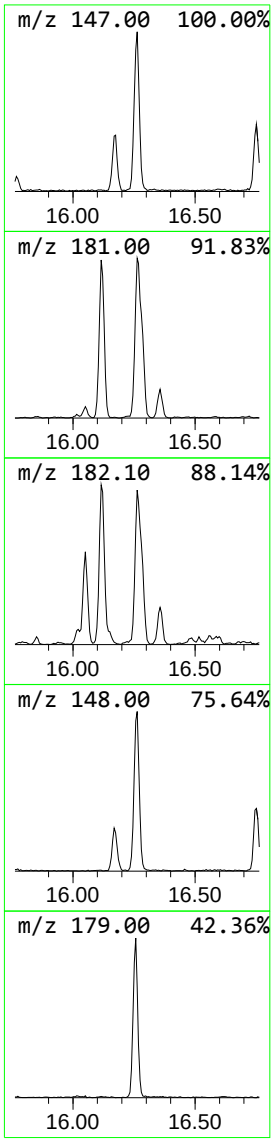
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]thiophene, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	3.39 ng/ul	502816	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	56
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	51
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	41
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	38
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	38





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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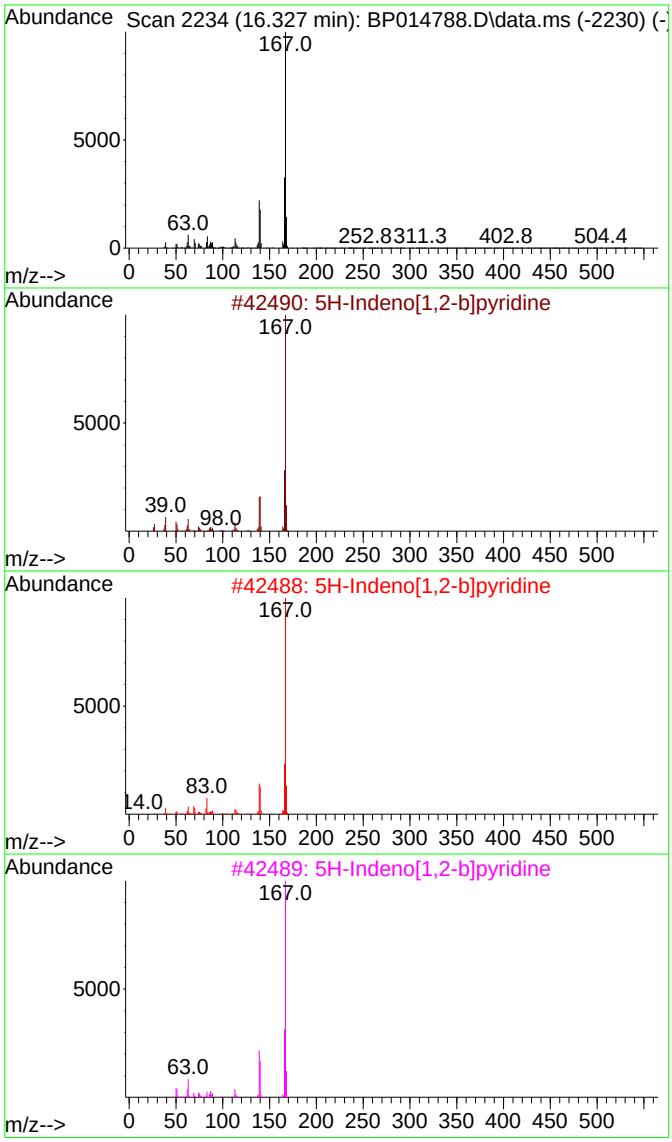
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

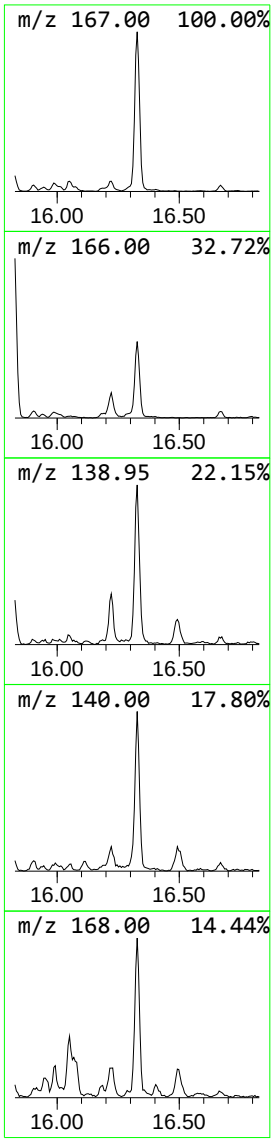
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	3.23 ng/ul	478987	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	90
5	Carbazole	167	C12H9N	000086-74-8	90





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ALS Vial : 43 Sample Multiplier: 1

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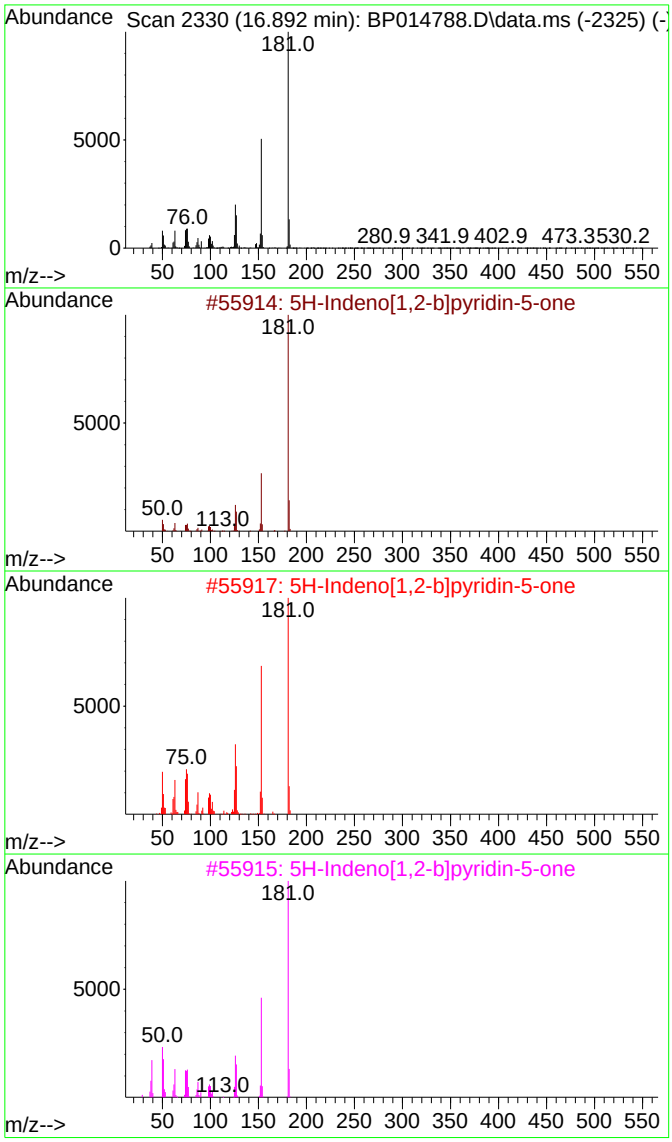
Quant Title : SVOA CALIBRATION

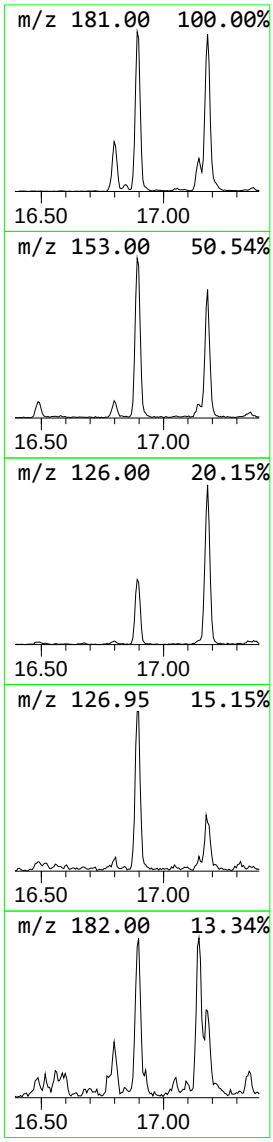
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5H-Indeno[1,2-b]pyridin-5-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	2.29 ng/ul	339856	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	97
2	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	97
3	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	96
4	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	91
5	2-Azafluorenone	181	C12H7NO	005061-91-6	62





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

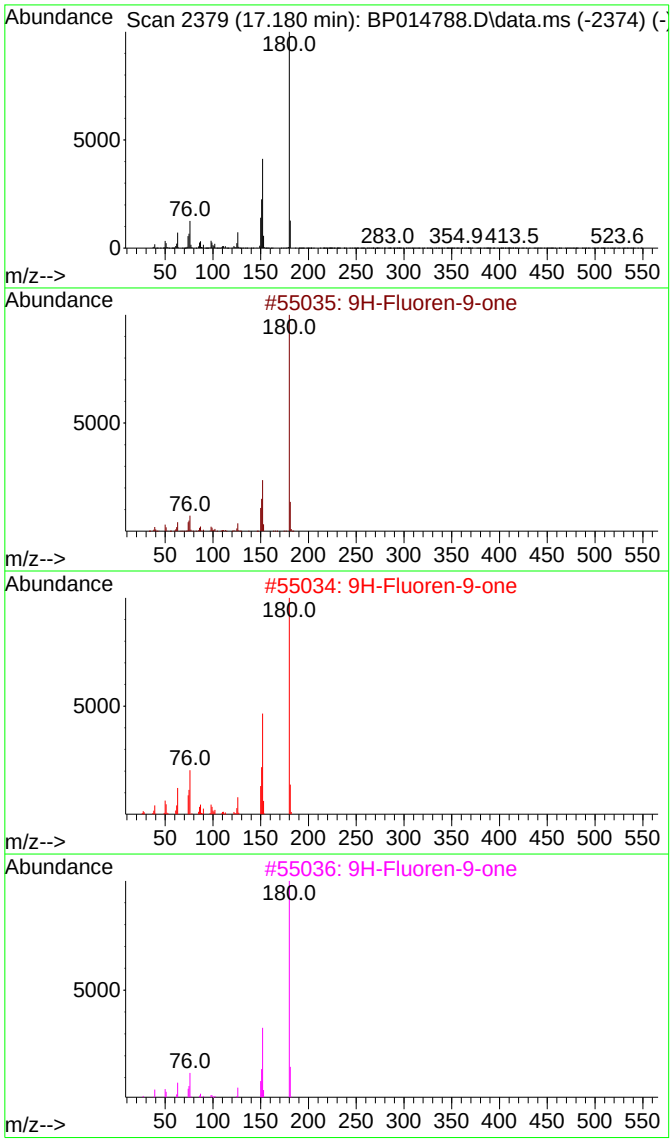
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

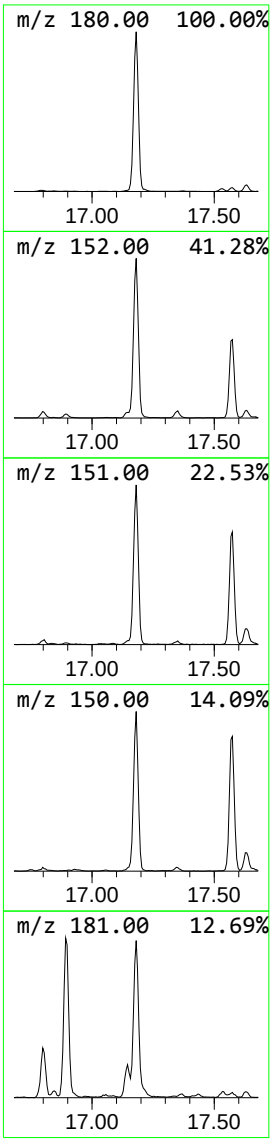
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9H-Fluoren-9-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	12.15 ng/ul	1804000	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





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Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

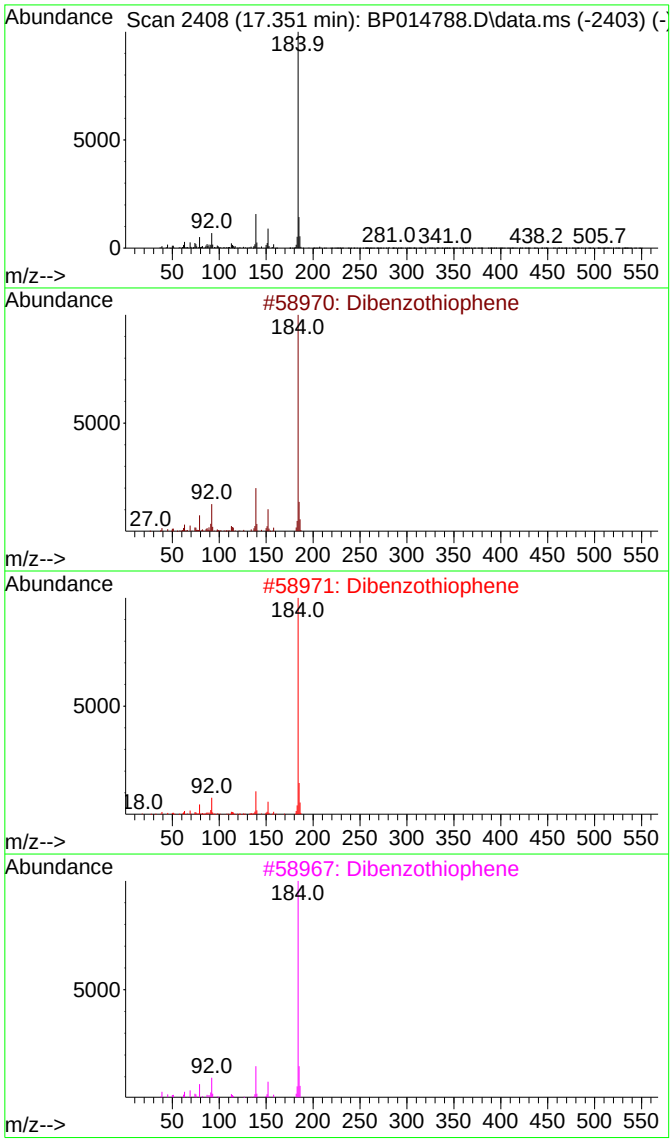
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

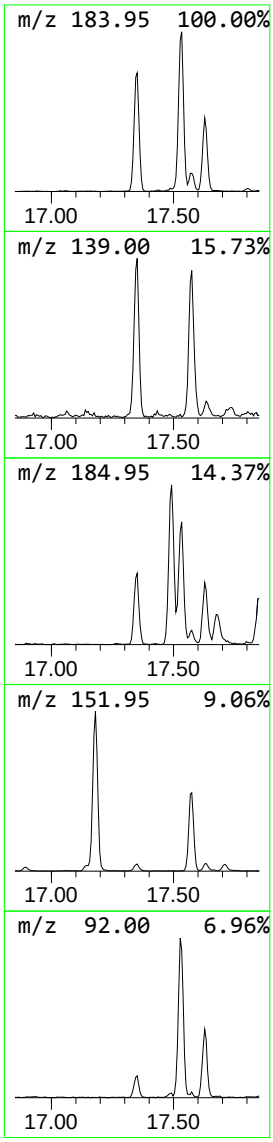
****

Peak Number 18 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.351	2.02 ng/ul	300125	Phenanthrene-d10	17.533

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

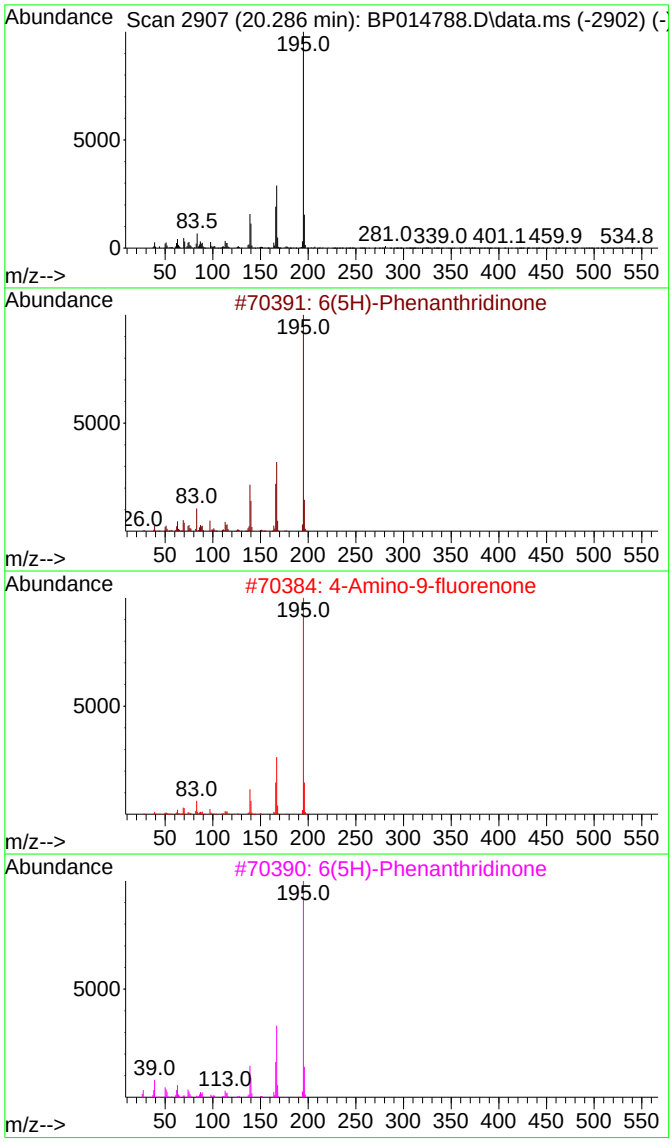
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

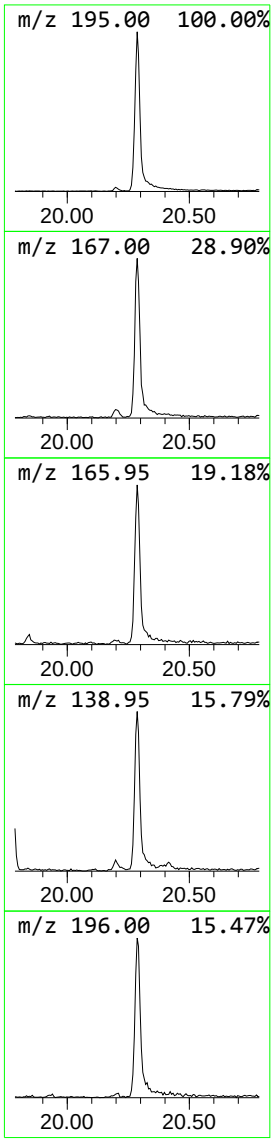
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 6(5H)-Phenanthridinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	3.29 ng/ul	469759	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	97
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
4	3-Acridinol	195	C13H9NO	007132-70-9	96
5	9-Acridinol	195	C13H9NO	000643-62-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014788.D
Acq On : 21 Apr 2023 13:33
Operator : CG/JU
Sample : 02296-20DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBN0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.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
Butane, 2-metho...	3.216	4.9	ng/ul	383982	1	8.151	1564030	20.0
Mesitylene	7.792	2.4	ng/ul	187311	1	8.151	1564030	20.0
Indane	8.534	4.6	ng/ul	356500	1	8.151	1564030	20.0
Isoquinoline	12.139	4.1	ng/ul	454387	2	10.986	2234110	20.0
1H-Inden-1-one,...	12.345	3.8	ng/ul	419446	2	10.986	2234110	20.0
Benzo[b]thiophe...	12.522	2.8	ng/ul	316305	2	10.986	2234110	20.0
Quinoline, 2-me...	12.739	43.2	ng/ul	4824190	2	10.986	2234110	20.0
Quinoline, 8-me...	13.333	2.2	ng/ul	303741	3	14.780	2764430	20.0
Quinoline, 2,6-...	13.557	2.7	ng/ul	373128	3	14.780	2764430	20.0
Naphthalene, 2-...	13.816	2.7	ng/ul	372303	3	14.780	2764430	20.0
Naphthalene, 2,...	14.098	5.7	ng/ul	785510	3	14.780	2764430	20.0
2-Naphthaleneca...	14.910	15.2	ng/ul	2101130	3	14.780	2764430	20.0
Benzo[c]thiophene	15.692	4.5	ng/ul	622393	3	14.780	2764430	20.0
Benzo[b]thiophe...	16.263	3.4	ng/ul	502816	4	17.533	2969900	20.0
5H-Indeno[1,2-b...	16.327	3.2	ng/ul	478987	4	17.533	2969900	20.0
5H-Indeno[1,2-b...	16.892	2.3	ng/ul	339856	4	17.533	2969900	20.0
9H-Fluoren-9-one	17.180	12.2	ng/ul	1804000	4	17.533	2969900	20.0
Dibenzothiophene	17.351	2.0	ng/ul	300125	4	17.533	2969900	20.0
6(5H)-Phenanthr...	20.286	3.3	ng/ul	469759	5	21.598	2859470	20.0