LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

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-BP010824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019436.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	4	7	12	rVB	970225	1032519	11.92%	2.001%
2	3.469	62	65	69	rVB	30163	34352	0.40%	0.067%
3	3.946	142	146	151	rVB	24294	31217	0.36%	0.060%
4	4.787	285	289	293	rVB2	10148	14570	0.17%	0.028%
5	5.269	367	371	379	rVB	32329	46812	0.54%	0.091%
6	5.399	388	393	401	rBV	22376	41988	0.48%	0.081%
7	5.769	449	456	464	rVB2	25929	43003	0.50%	0.083%
8	6.022	491	499	505	rBV2	7152	15789	0.18%	0.031%
9	6.246	532	537	542	rBV3	13611	21350	0.25%	0.041%
10	6.740	618	621	626	rVB3	9817	16645	0.19%	0.032%
11	6.852	634	640	644	rBV	27792	43688	0.50%	0.085%
12	6.910	644	650	657	rVB3	28052	58177	0.67%	0.113%
13	6.987	658	663	668	rBV2	17400	25961	0.30%	0.050%
14	7.152	683	691	693	rBV3	19650	40342	0.47%	0.078%
15	7.234	700	705	712	rVB8	9561	24202	0.28%	0.047%
16	7.310	712	718	725	rVV6	11208	20212	0.23%	0.039%
17	7.410	725	735	741	rVB2	42563	77894	0.90%	0.151%
18	7.669	771	779	784	rBV2	7944	20473	0.24%	0.040%
19	7.769	784	796	808	rBV	715776	1157133	13.36%	2.242%
20	7.893	808	817	822	rBV2	37523	80975	0.93%	0.157%
21	8.134	850	858	866	rBV2	33922	57194	0.66%	0.111%
22	8.305	881	887	893	rVV5	17493	42581	0.49%	0.083%
23	8.405	898	904	916	rVB3	24942	60195	0.69%	0.117%
24	8.863	973	982	989	rVB4	24343	51947	0.60%	0.101%
25	8.952	989	997	999	rBV5	8859	16390	0.19%	0.032%
26	8.987	999	1003	1013	rVB	23475	43950	0.51%	0.085%
27	9.116	1019	1025	1031	rVB9	14014	30475	0.35%	0.059%
28	9.204	1031	1040	1044	rBV7	8755	22259	0.26%	0.043%
29	9.393	1067	1072	1078	rVV5	12309	27715	0.32%	0.054%
30	9.446	1078	1081	1091	rVB2	17760	39294	0.45%	0.076%
31	9.628	1107	1112	1117	rBV6	7376	16520	0.19%	0.032%
32	9.816	1139	1144	1151	rVB5	8271	20487	0.24%	0.040%
33	9.957	1163	1168	1177	rVV5	26351	59112	0.68%	0.115%
34	10.257	1213	1219	1227	rBV6	8569	20942	0.24%	0.041%
35	10.434	1243	1249	1254	rBV9	12453	25914	0.30%	0.050%
36	10.563	1259	1271	1275	rVV	930213	1610441	18.59%	3.121%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

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-BP010824.MA.M
Title : SVOA CALIBRATION

37	10.610	1275	1279	1286	rVV	656191	1068137	12.33%	2.070%
38	10.675	1286	1290	1294	rVV7	11001	20327	0.23%	0.039%
39	10.716	1294	1297	1304	rVB6	14522	27578	0.32%	0.053%
40	11.469	1419	1425	1432	rVB9	15585	35209	0.41%	0.068%
41	11.581	1440	1444	1448	rBV3	24091	42973	0.50%	0.083%
42	11.981	1508	1512	1516	rBV4	17580	27572	0.32%	0.053%
43	12.228	1548	1554	1560	rVB	339602	533312	6.16%	1.033%
44	12.445	1583	1591	1601	rBV	266495	461294	5.32%	0.894%
45	12.616	1614	1620	1622	rBV7	15744	30399	0.35%	0.059%
46	12.757	1640	1644	1648	rVB6	13119	21215	0.24%	0.041%
47	12.834	1654	1657	1663	rVB4	28127	38878	0.45%	0.075%
48	12.893	1663	1667	1668	rBV4	15819	20739	0.24%	0.040%
49	12.940	1671	1675	1679	rVV2	40098	61161	0.71%	0.119%
50	12.998	1680	1685	1690	rVB8	19138	34899	0.40%	0.068%
51	13.175	1712	1715	1718	rBV2	20559	27202	0.31%	0.053%
52	13.245	1722	1727	1732	rVB2	120775	189982	2.19%	0.368%
53	13.440	1756	1760	1763	rBV	50655	74168	0.86%	0.144%
54	13.569	1778	1782	1784	rBV	93581	131125	1.51%	0.254%
55	13.734	1804	1810	1815	rBV	184834	347191	4.01%	0.673%
56	13.787	1815	1819	1822	rVV	132166	214081	2.47%	0.415%
57	13.816	1822	1824	1829	rVV	104226	126670	1.46%	0.245%
58	13.887	1833	1836	1840	rVV3	99278	132272	1.53%	0.256%
59	13.934	1840	1844	1846	rVV5	41246	64171	0.74%	0.124%
60	13.969	1847	1850	1853	rVV	94517	133072	1.54%	0.258%
61	13.998	1853	1855	1860	rVB3	49524	65366	0.75%	0.127%
62	14.134	1874	1878	1885	rBV	128873	206733	2.39%	0.401%
63	14.228	1890	1894	1902	rVB3	107890	184700	2.13%	0.358%
64	14.310	1902	1908	1912	rBV2	61425	109646	1.27%	0.212%
65	14.410	1914	1925	1933	rBV	1382043	2375439	27.42%	4.603%
66	14.475	1933	1936	1944	rVB2	176217	307012	3.54%	0.595%
67	14.622	1957	1961	1970	rVB2	68937	159734	1.84%	0.310%
68	14.810	1988	1993	1999	rVB	560852	817730	9.44%	1.585%
69	14.892	2003	2007	2010	rVB	54776	70788	0.82%	0.137%
70	14.928	2010	2013	2022	rVB9	70112	127255	1.47%	0.247%
71	15.034	2026	2031	2035	rBV	99226	181270	2.09%	0.351%
72	15.087	2037	2040	2042	rVB	45684	45604	0.53%	0.088%
73	15.192	2053	2058	2063	rBV5	111050	237383	2.74%	0.460%
74	15.463	2098	2104	2109	rBV	1053607	1533126	17.70%	2.971%
75	15.587	2122	2125	2128	rBV2	60898	67688	0.78%	0.131%
76	15.622	2128	2131	2135	rBV5	75195	109554	1.26%	0.212%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

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-BP010824.MA.M
Title : SVOA CALIBRATION

77	15.669	2135	2139	2144	rVB2	138210	202168	2.33%	0.392%
78	15.757	2150	2154	2161	rVB	215380	353905	4.08%	0.686%
79	15.910	2176	2180	2187	rVB2	157473	295075	3.41%	0.572%
80	16.145	2213	2220	2229	rBV3	351854	680034	7.85%	1.318%
81	16.469	2273	2275	2279	rVB2	144269	160120	1.85%	0.310%
82	16.981	2357	2362	2370	rVB2	442436	801759	9.25%	1.554%
83	17.169	2389	2394	2397	rBV	1396108	2067632	23.87%	4.006%
84	17.216	2397	2402	2408	rVB	6097806	8663777	100.00%	16.788%
85	17.304	2414	2417	2421	rVB	144158	175804	2.03%	0.341%
86	17.769	2491	2496	2501	rVB3	231564	506030	5.84%	0.981%
87	18.039	2539	2542	2546	rBV	436992	582123	6.72%	1.128%
88	18.086	2547	2550	2557	rVB	672128	920492	10.62%	1.784%
89	18.228	2570	2574	2578	rBV2	964198	1424460	16.44%	2.760%
90	18.263	2578	2580	2588	rVB2	312958	570114	6.58%	1.105%
91	18.528	2622	2625	2629	rVB	383599	443663	5.12%	0.860%
92	18.933	2691	2694	2697	rBV	220222	286240	3.30%	0.555%
93	19.027	2707	2710	2712	rBV2	259774	314431	3.63%	0.609%
94	19.192	2733	2738	2742	rBV	5422101	6777787	78.23%	13.133%
95	19.239	2742	2746	2751	rBV2	949134	1254239	14.48%	2.430%
96	19.327	2757	2761	2765	rBV2	404925	528608	6.10%	1.024%
97	19.510	2788	2792	2794	rBV	605051	832839	9.61%	1.614%
98	19.539	2794	2797	2806	rVB	1833028	2737536	31.60%	5.304%
99	21.269	3086	3091	3095	rBV2	1737932	3541877	40.88%	6.863%
100	21.310	3095	3098	3104	rVB	1596511	2031729	23.45%	3.937%

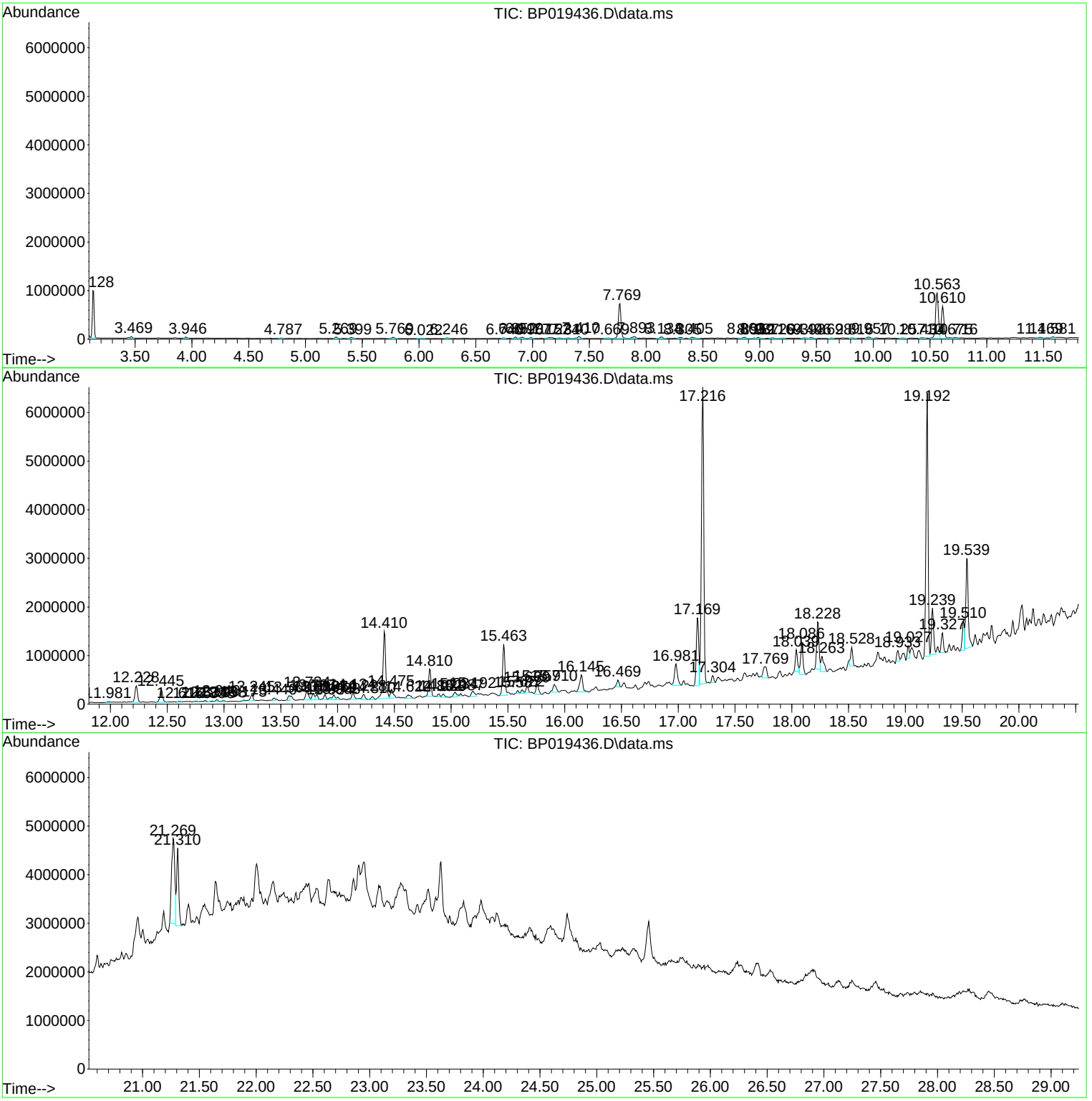
Sum of corrected areas: 51607815

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.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\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

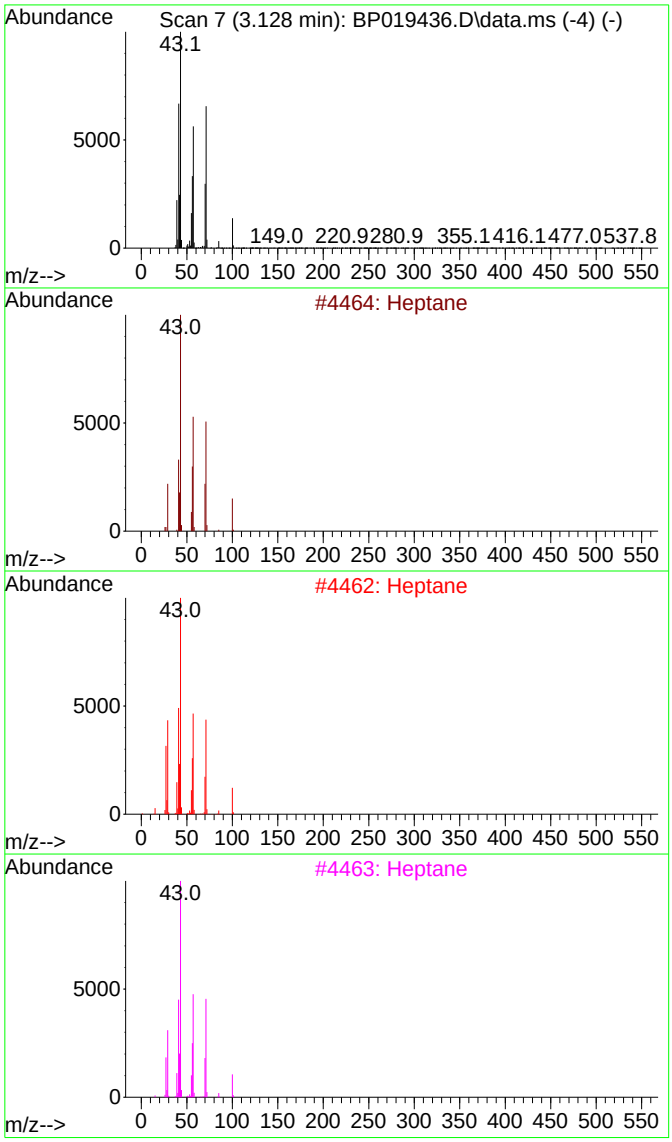
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

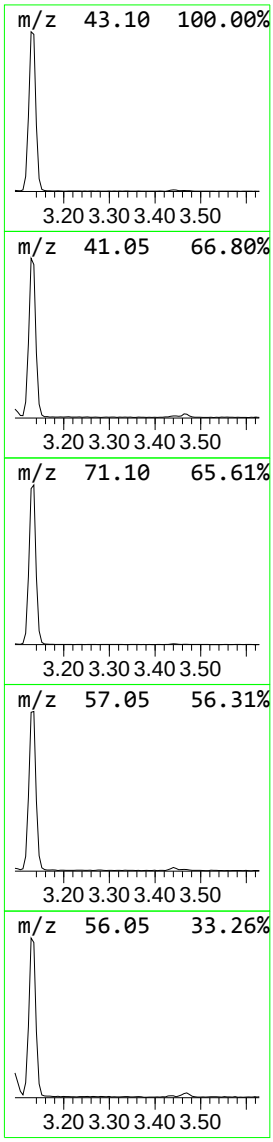
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	17.85 ng/ul	1032520	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	86
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

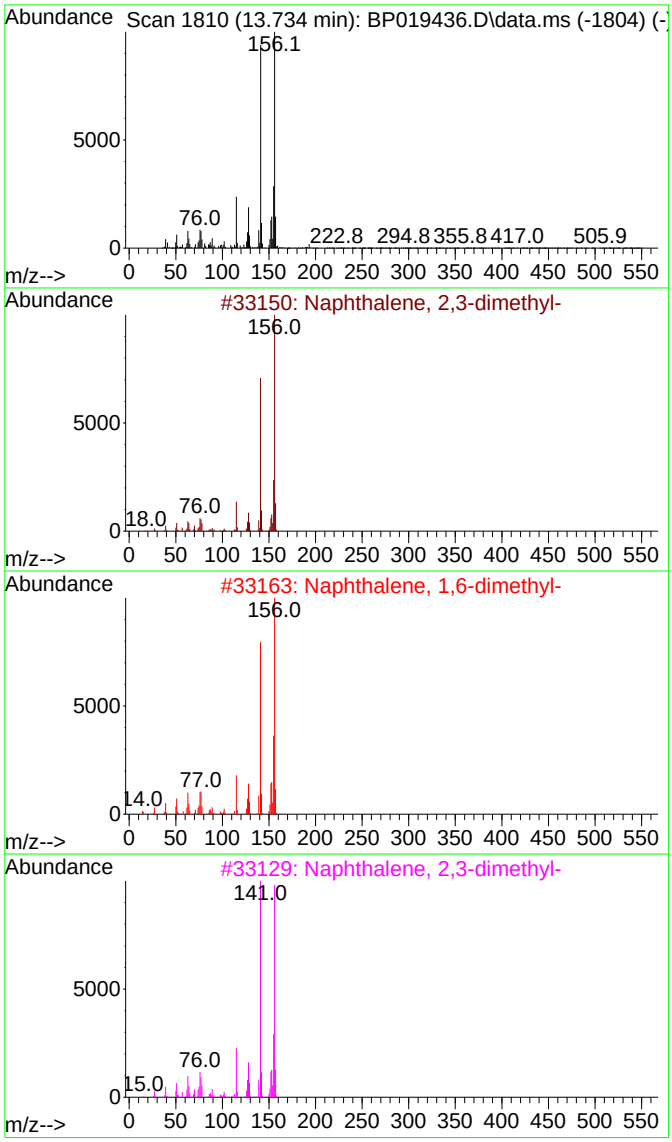
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

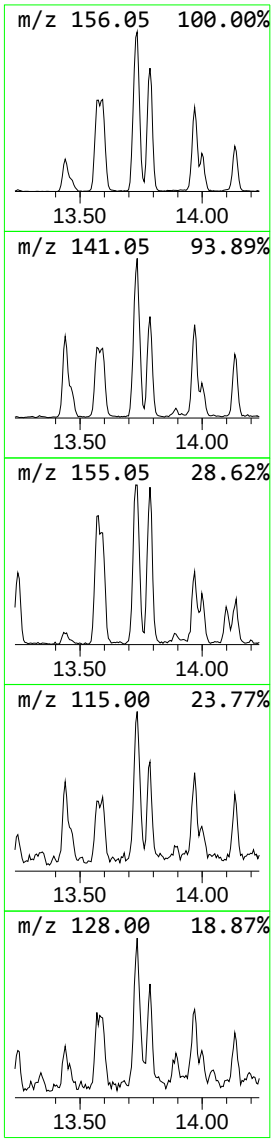
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.734	2.92 ng/ul	347191	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

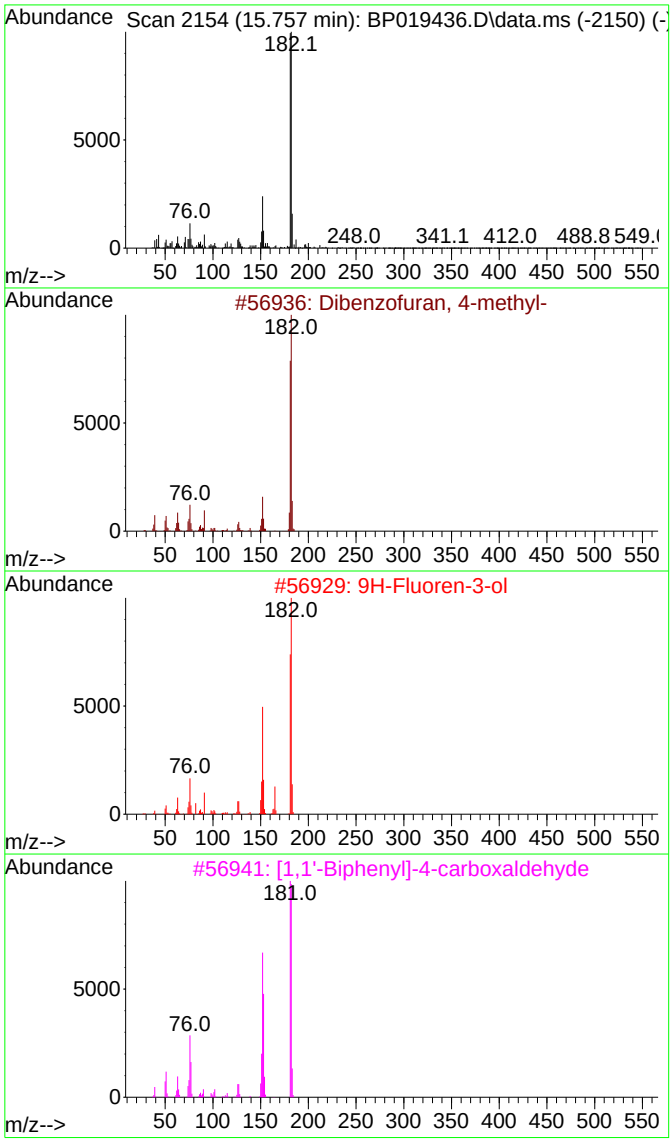
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

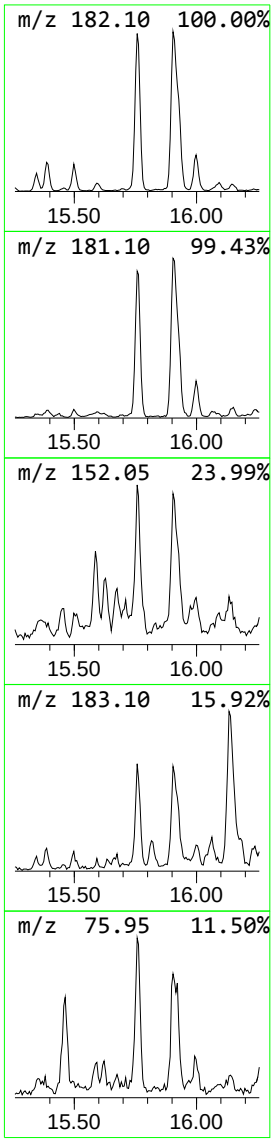
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	2.98 ng/ul	353905	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

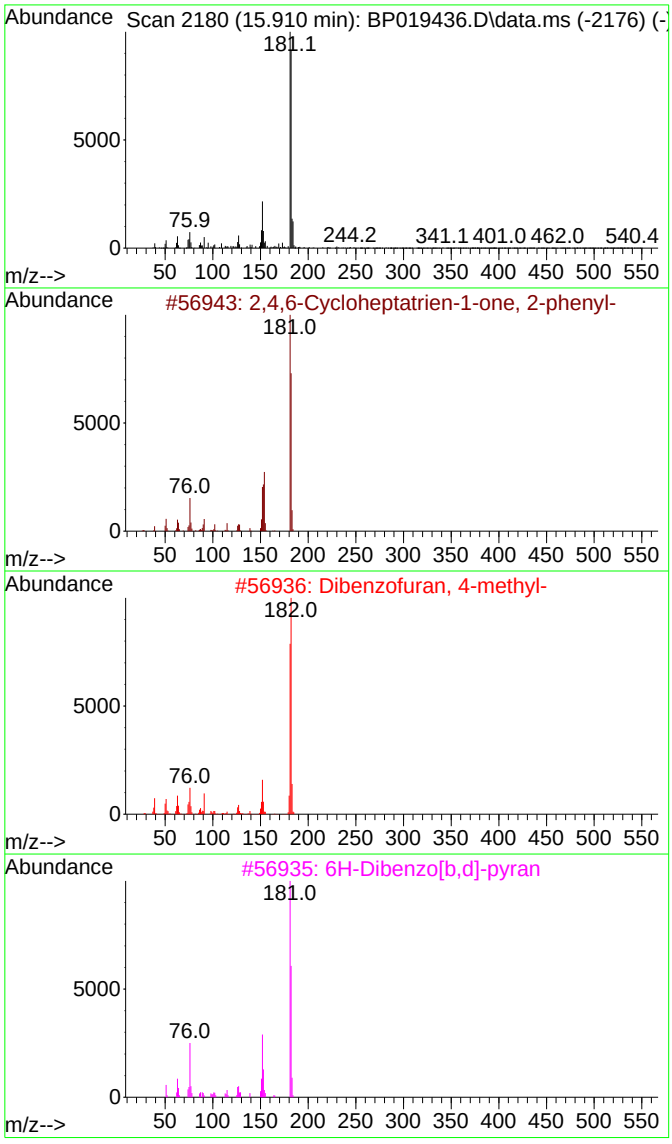
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

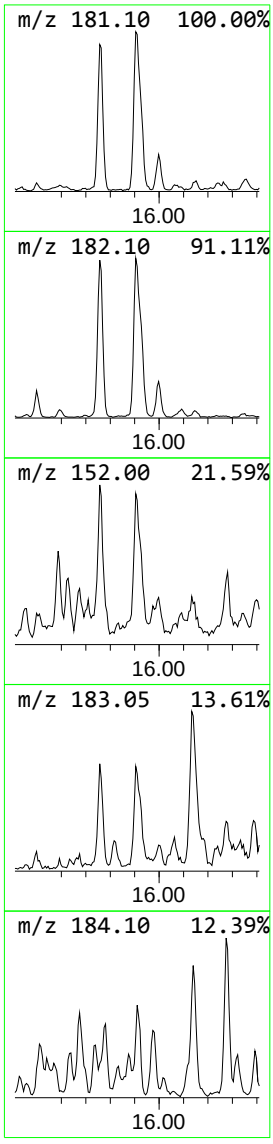
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.910	2.85 ng/ul	295075	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

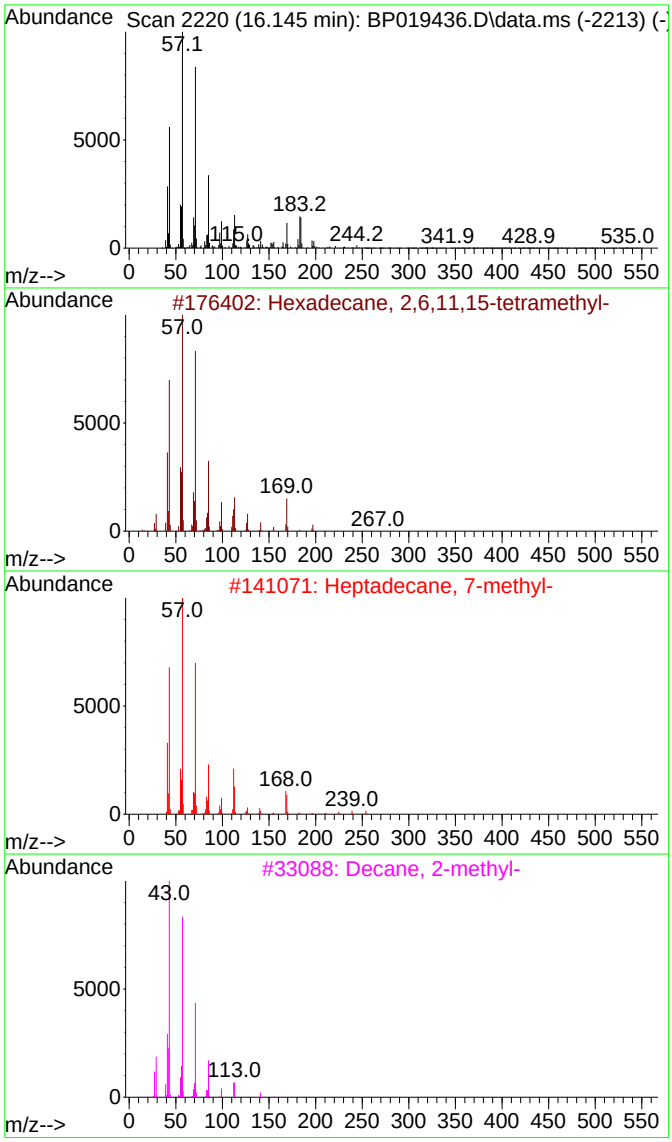
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

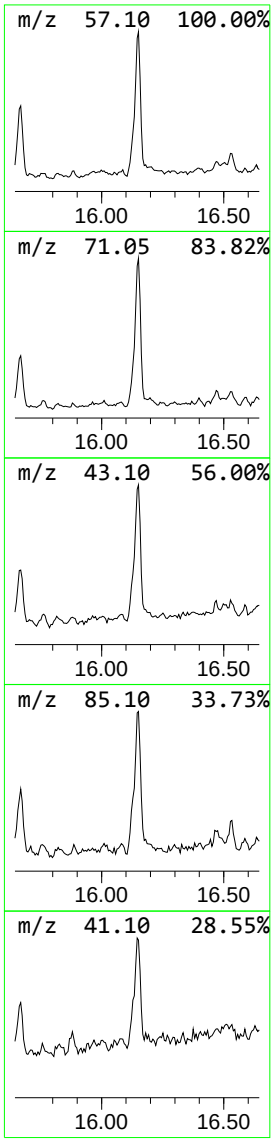
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	6.58 ng/ul	680034	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	83
3	Decane, 2-methyl-	156	C11H24	006975-98-0	81
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	76
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

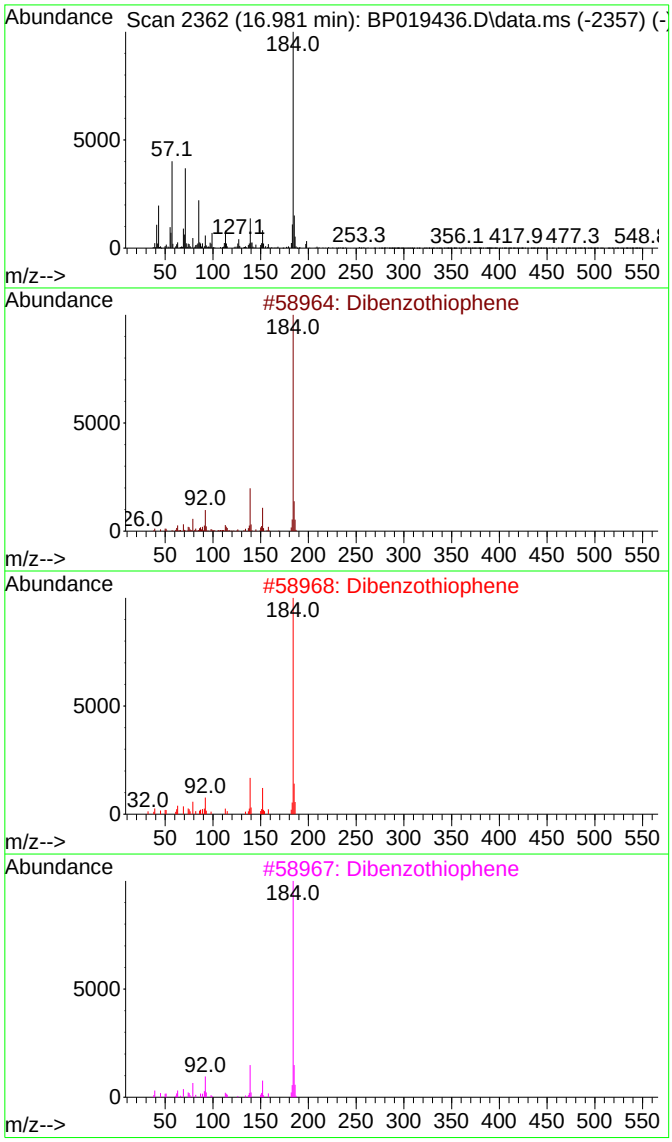
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

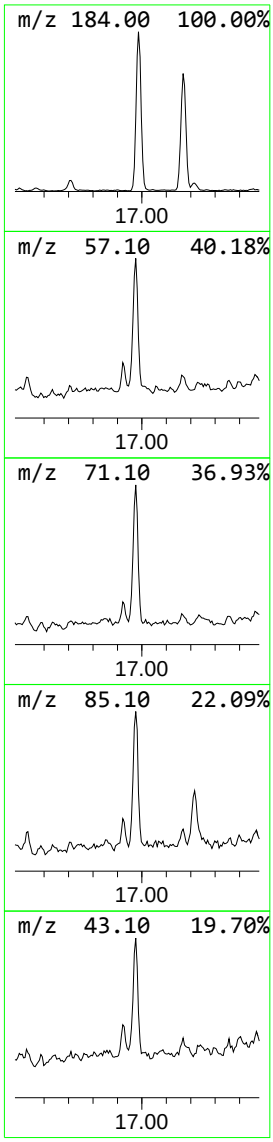
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	7.76 ng/ul	801759	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	86
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	86
5	Dibenzothiophene	184	C12H8S	000132-65-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

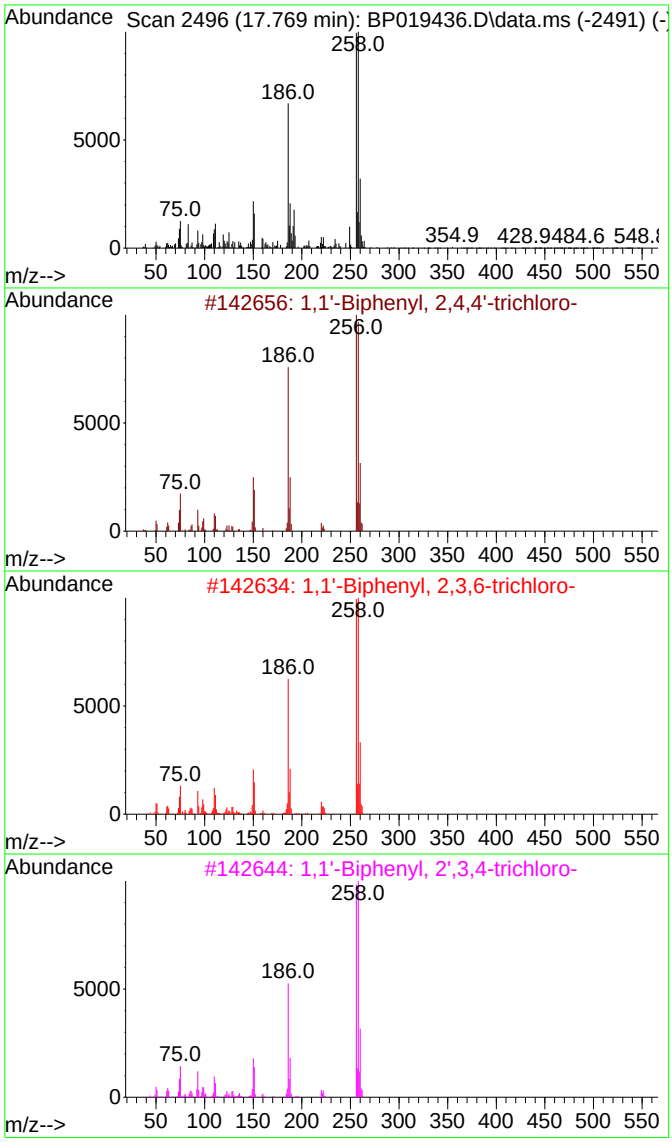
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

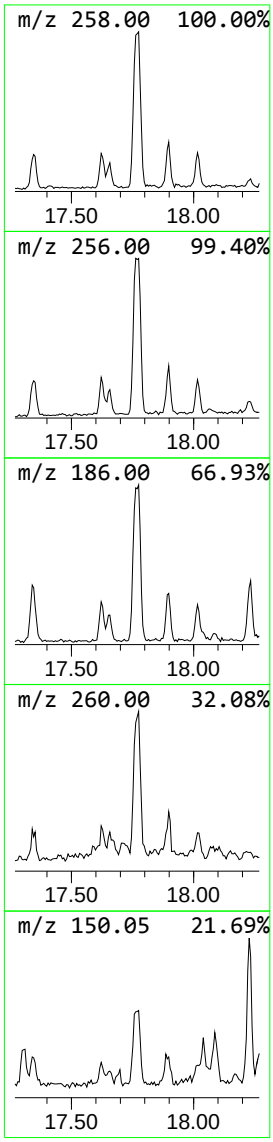
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	4.89 ng/ul	506030	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

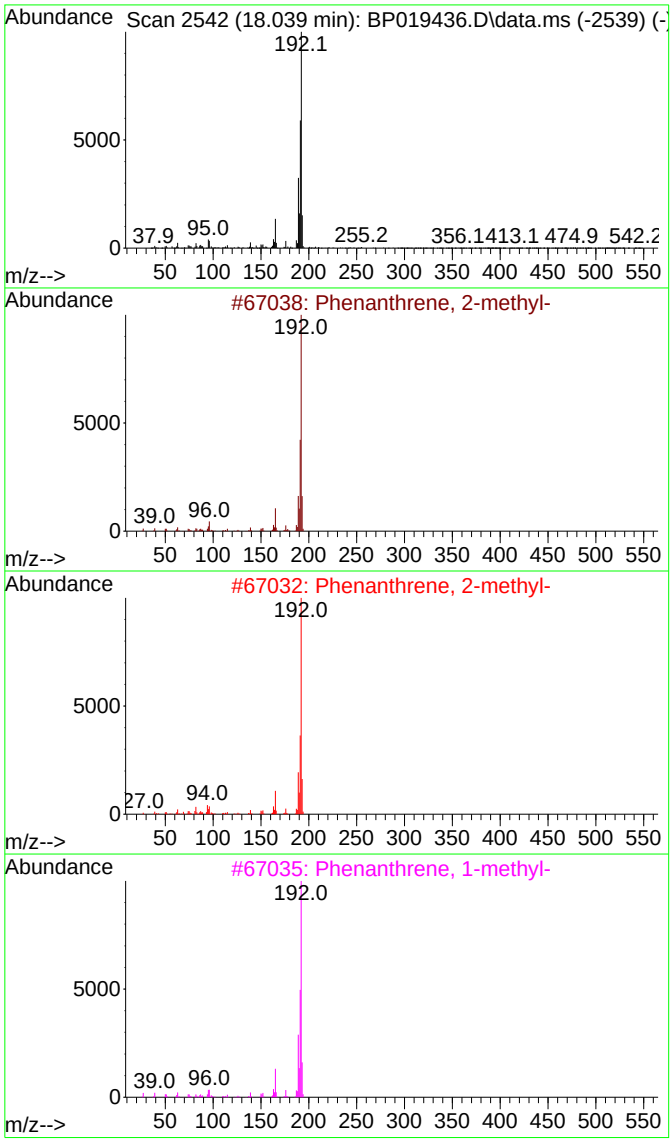
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

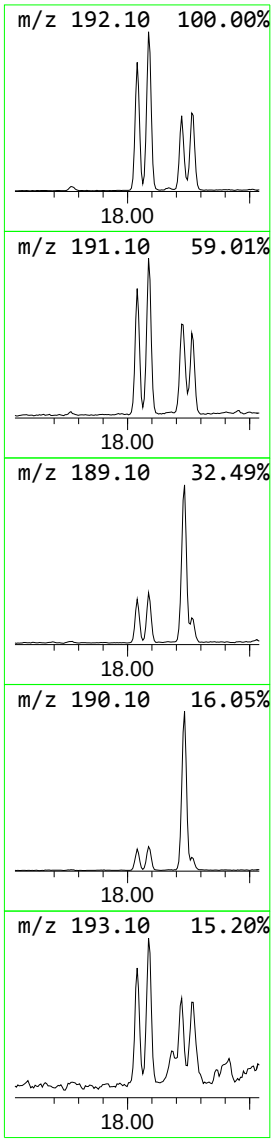
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	5.63 ng/ul	582123	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

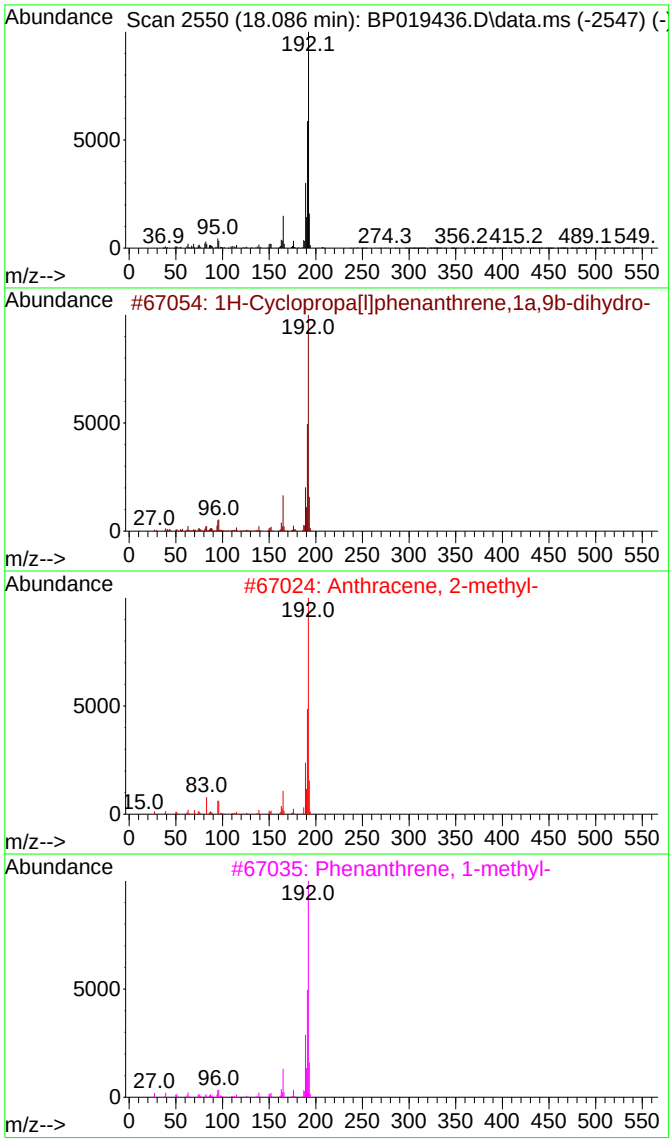
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

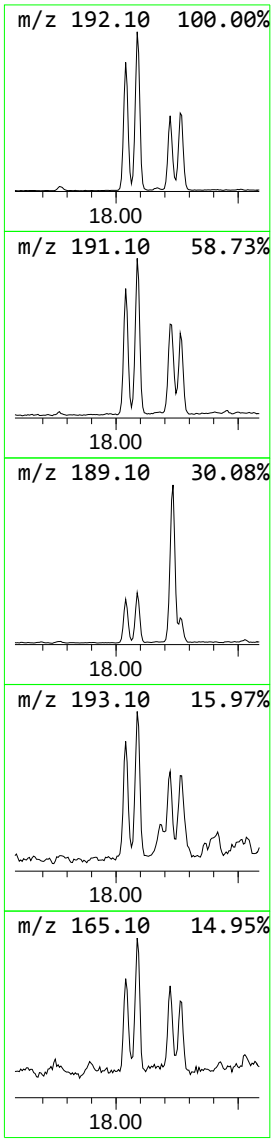
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	8.90 ng/ul	920492	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

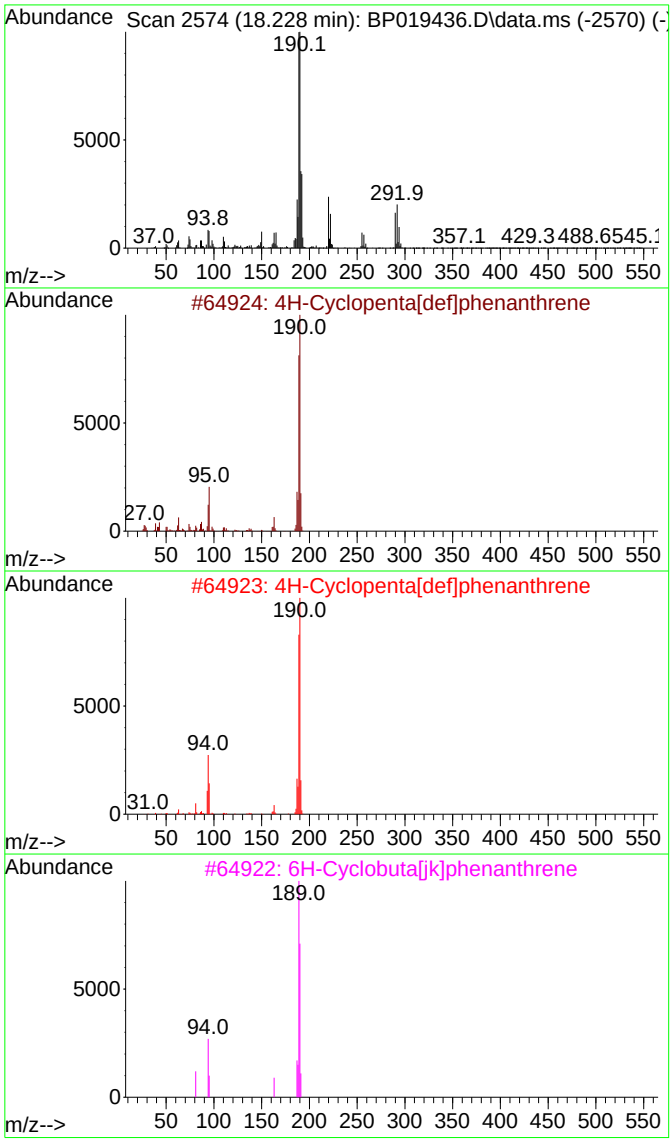
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

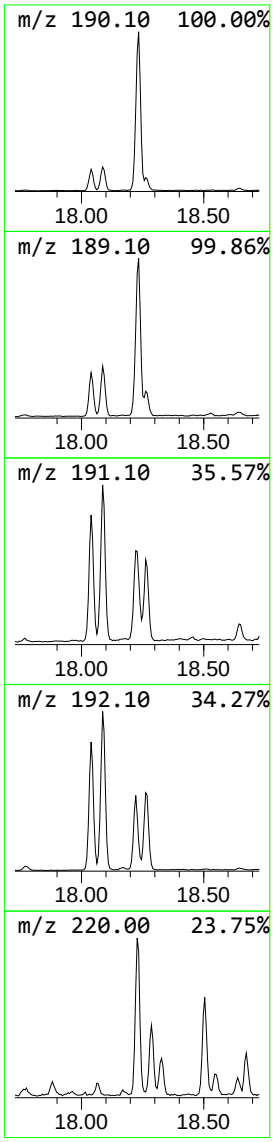
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	13.78 ng/ul	1424460	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	49
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

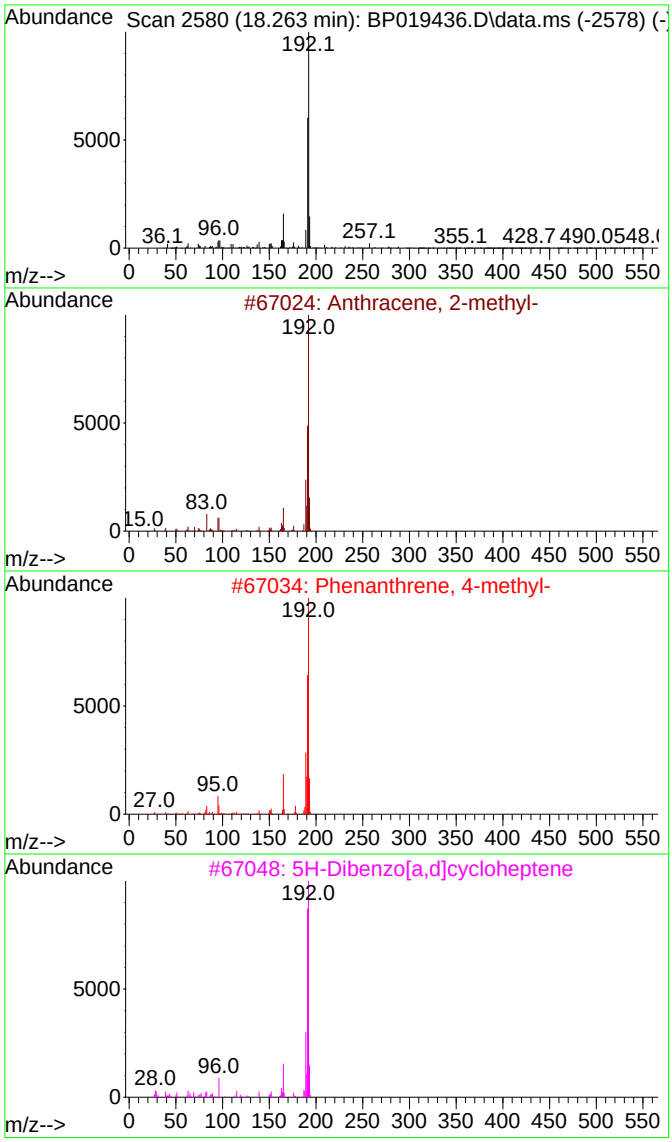
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

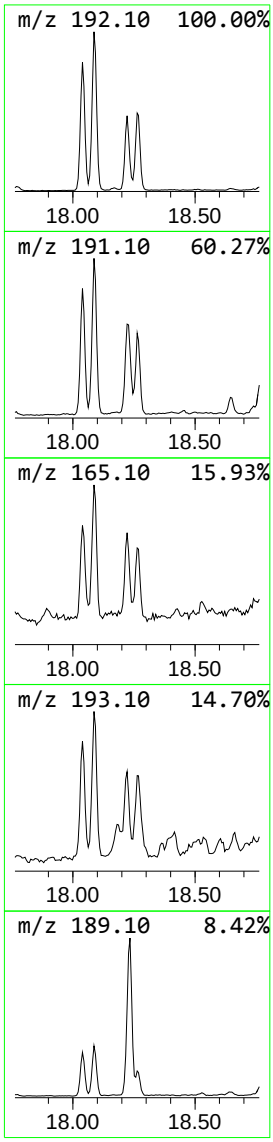
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	5.51 ng/ul	570114	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

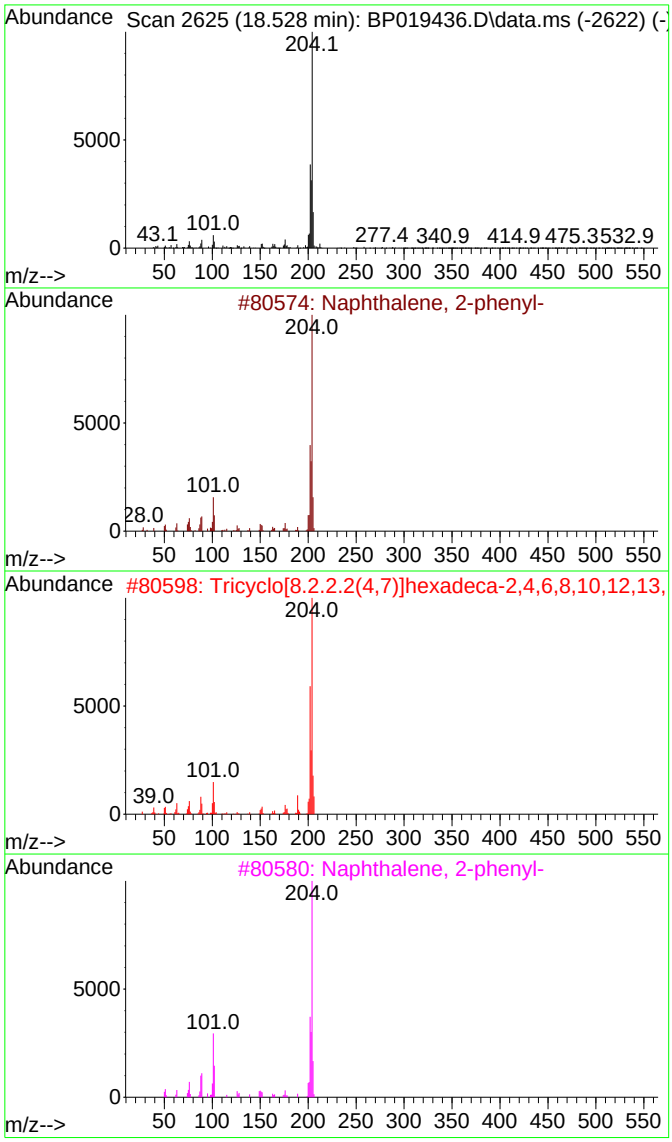
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

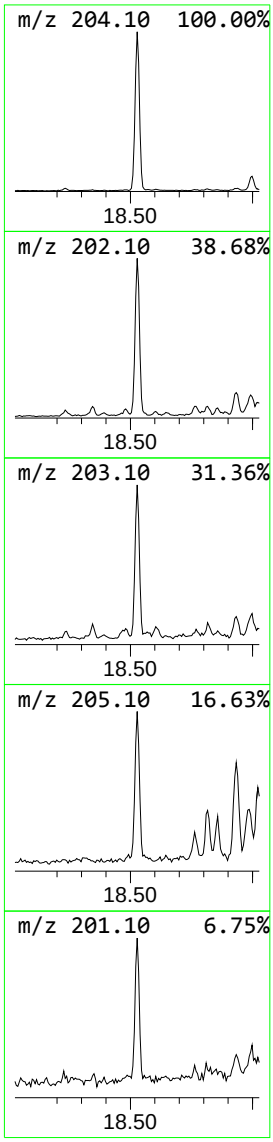
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.528	4.29 ng/ul	443663	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

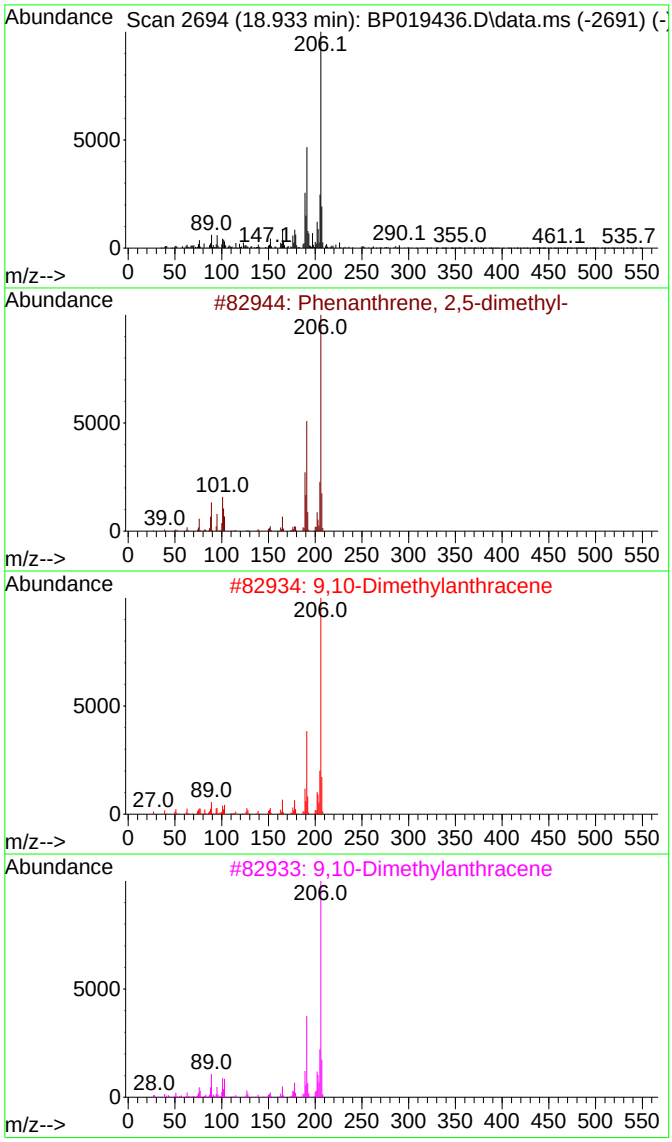
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

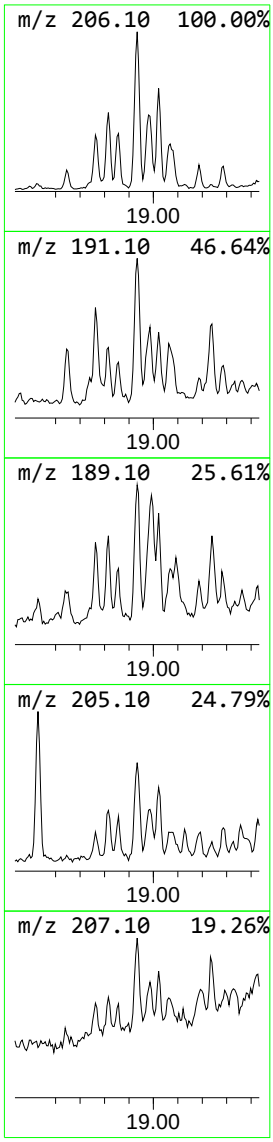
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	2.77 ng/ul	286240	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

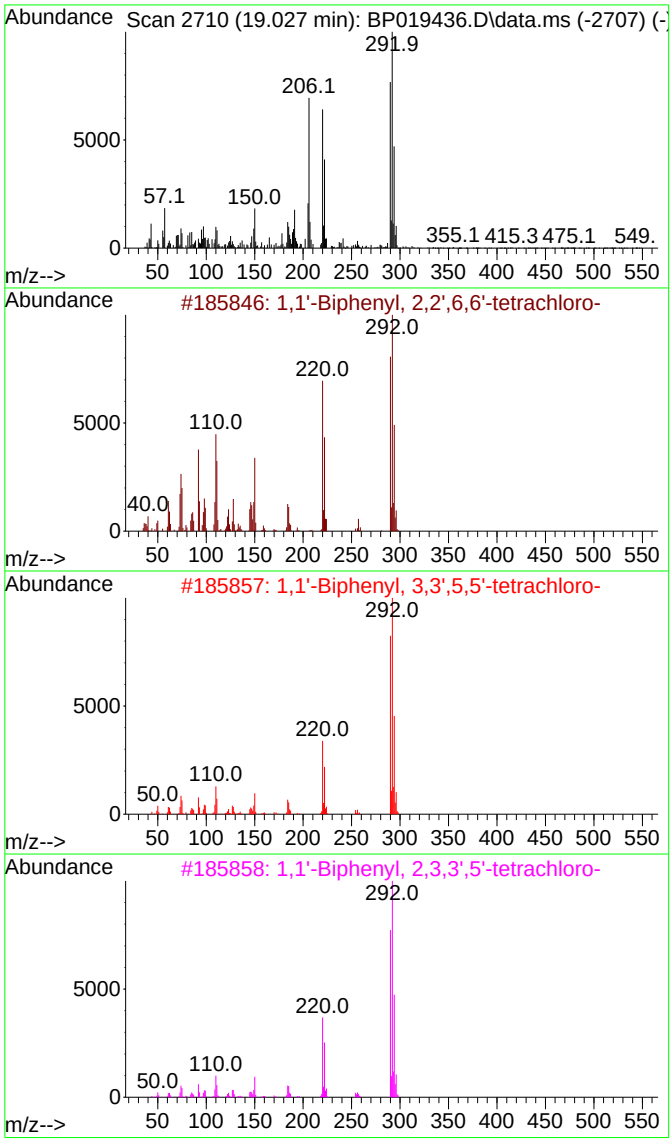
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

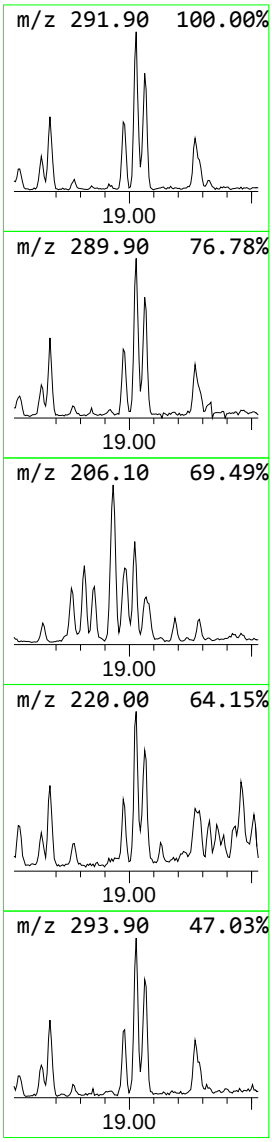
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	3.04 ng/ul	314431	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	97
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	96
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

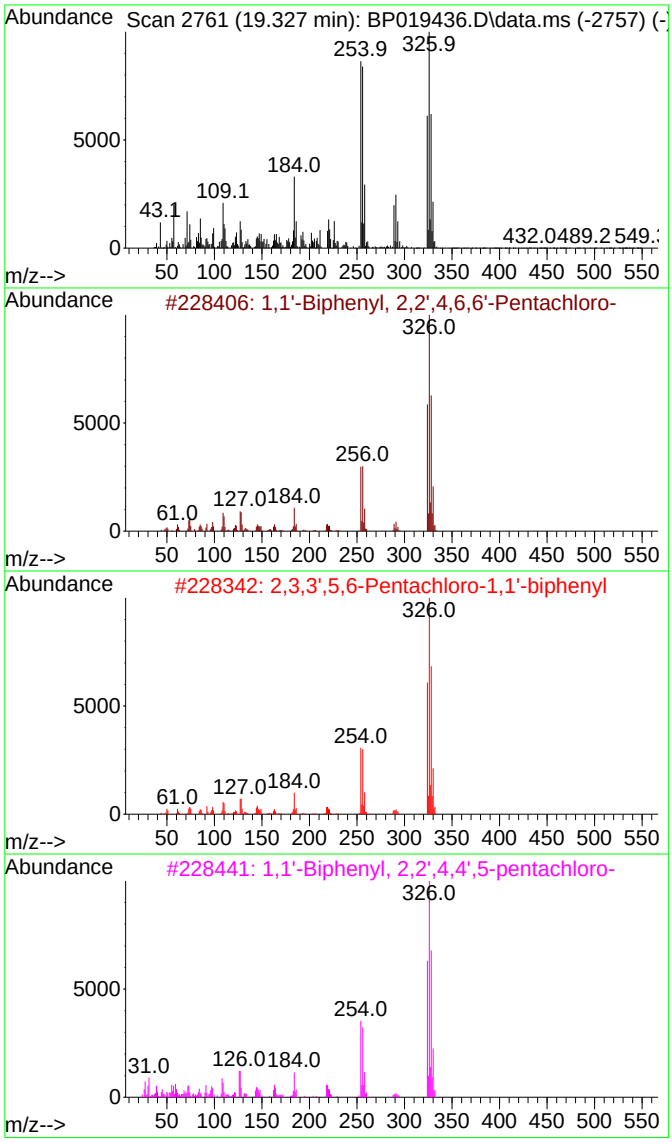
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

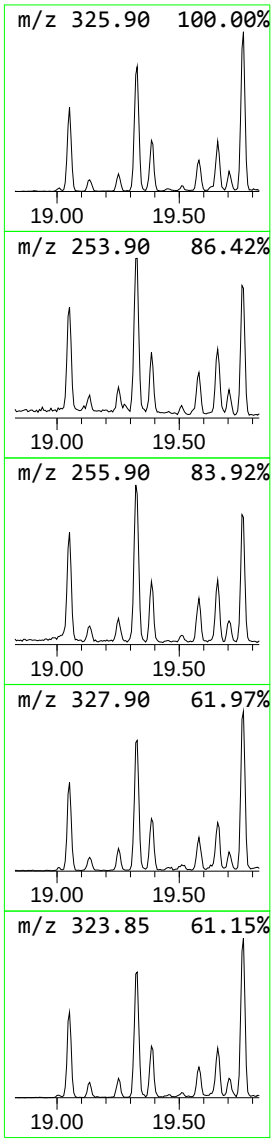
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.328	2.98 ng/ul	528608	Chrysene-d12	21.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	97
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
Operator : MA/JU
Sample : P1158-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AK5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.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
(DEL) Alkane: S...	3.128	17.9	ng/ul	1032520	1	7.769	1157130	20.0
Naphthalene, 2,...	13.734	2.9	ng/ul	347191	3	14.410	2375440	20.0
Dibenzofuran, 4...	15.757	3.0	ng/ul	353905	3	14.410	2375440	20.0
2,4,6-Cycloheptt...	15.910	2.9	ng/ul	295075	4	17.169	2067630	20.0
(DEL) Alkane: S...	16.145	6.6	ng/ul	680034	4	17.169	2067630	20.0
Dibenzothiophene	16.980	7.8	ng/ul	801759	4	17.169	2067630	20.0
1,1'-Biphenyl, ...	17.769	4.9	ng/ul	506030	4	17.169	2067630	20.0
Phenanthrene, 2...	18.039	5.6	ng/ul	582123	4	17.169	2067630	20.0
1H-Cyclopropa[l...	18.086	8.9	ng/ul	920492	4	17.169	2067630	20.0
4H-Cyclopenta[d...	18.227	13.8	ng/ul	1424460	4	17.169	2067630	20.0
Anthracene, 2-m...	18.263	5.5	ng/ul	570114	4	17.169	2067630	20.0
Naphthalene, 2-...	18.528	4.3	ng/ul	443663	4	17.169	2067630	20.0
Phenanthrene, 2...	18.933	2.8	ng/ul	286240	4	17.169	2067630	20.0
1,1'-Biphenyl, ...	19.028	3.0	ng/ul	314431	4	17.169	2067630	20.0
1,1'-Biphenyl, ...	19.328	3.0	ng/ul	528608	5	21.274	3541880	20.0