LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

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_M\Methods\SFAM-EPA-BM011325.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049430.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.516	764	770	784	rBV	896247	1422264	10.62%	1.894%
2	7.886	828	833	838	rVB	36764	61291	0.46%	0.082%
3	9.686	1132	1139	1145	rBV3	21501	42564	0.32%	0.057%
4	9.922	1173	1179	1188	rBV2	33830	70895	0.53%	0.094%
5	10.275	1232	1239	1243	rBV	1115375	1850176	13.82%	2.463%
6	10.327	1243	1248	1260	rVV	4339460	6704531	50.06%	8.926%
7	10.445	1262	1268	1279	rVB	132769	241274	1.80%	0.321%
8	11.833	1499	1504	1512	rVB2	22380	40451	0.30%	0.054%
9	11.945	1516	1523	1534	rBV	1618988	2482697	18.54%	3.305%
10	12.069	1538	1544	1550	rVV2	29659	57812	0.43%	0.077%
11	12.169	1550	1561	1574	rVB	713035	1167040	8.71%	1.554%
12	12.980	1692	1699	1713	rBV	537005	824976	6.16%	1.098%
13	13.180	1726	1733	1742	rVB	154973	286895	2.14%	0.382%
14	13.316	1748	1756	1757	rBV2	164344	250153	1.87%	0.333%
15	13.474	1774	1783	1788	rBV	247349	438969	3.28%	0.584%
16	13.527	1788	1792	1796	rVV	165424	243334	1.82%	0.324%
17	13.580	1796	1801	1811	rVB2	44959	87992	0.66%	0.117%
18	13.716	1818	1824	1827	rBV	109402	174202	1.30%	0.232%
19	13.845	1840	1846	1848	rBV	59615	86632	0.65%	0.115%
20	13.880	1848	1852	1858	rVB	83965	132247	0.99%	0.176%
21	14.157	1890	1899	1904	rVV	1646999	2545496	19.01%	3.389%
22	14.221	1904	1910	1918	rVV	1815005	2719537	20.31%	3.621%
23	14.292	1918	1922	1930	rVB	74562	123181	0.92%	0.164%
24	14.374	1930	1936	1944	rVB3	37291	84376	0.63%	0.112%
25	14.468	1944	1952	1957	rVB2	61958	101001	0.75%	0.134%
26	14.557	1957	1967	1976	rBV	1941980	2768097	20.67%	3.685%
27	14.645	1976	1982	1985	rVB	43916	65790	0.49%	0.088%
28	14.786	1997	2006	2011	rVV3	35819	69776	0.52%	0.093%
29	14.839	2011	2015	2020	rVB2	46554	63601	0.47%	0.085%
30	14.957	2027	2035	2038	rBV2	31054	61023	0.46%	0.081%
31	15.104	2056	2060	2064	rBV3	26035	42267	0.32%	0.056%
32	15.151	2064	2068	2073	rVV2	94131	149239	1.11%	0.199%
33	15.210	2073	2078	2084	rVV	1955312	2707840	20.22%	3.605%
34	15.257	2084	2086	2090	rVV3	35572	44071	0.33%	0.059%
35	15.310	2090	2095	2097	rVV2	56577	91584	0.68%	0.122%
36	15.339	2097	2100	2102	rVV	99934	129724	0.97%	0.173%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

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_M\Methods\SFAM-EPA-BM011325.MA.M
Title : SVOA CALIBRATION

37	15.374	2102	2106	2111	rVV2	195163	286868	2.14%	0.382%
38	15.421	2111	2114	2117	rVV3	34705	57737	0.43%	0.077%
39	15.462	2117	2121	2125	rVV	131931	191309	1.43%	0.255%
40	15.510	2125	2129	2139	rVB	298909	451737	3.37%	0.601%
41	15.657	2147	2154	2162	rBV	285254	572852	4.28%	0.763%
42	15.745	2162	2169	2176	rVB3	55086	117294	0.88%	0.156%
43	15.886	2189	2193	2199	rBV5	23581	48445	0.36%	0.064%
44	16.174	2238	2242	2243	rVV	39298	44362	0.33%	0.059%
45	16.221	2244	2250	2255	rVV2	128909	265335	1.98%	0.353%
46	16.268	2255	2258	2263	rVV2	66297	100424	0.75%	0.134%
47	16.315	2263	2266	2269	rVV4	22162	34616	0.26%	0.046%
48	16.368	2269	2275	2280	rVB3	53586	94106	0.70%	0.125%
49	16.421	2280	2284	2286	rBV	26861	35539	0.27%	0.047%
50	16.451	2286	2289	2292	rVV	63889	91366	0.68%	0.122%
51	16.492	2292	2296	2299	rVV2	76293	119356	0.89%	0.159%
52	16.521	2299	2301	2304	rVV	30120	39235	0.29%	0.052%
53	16.568	2304	2309	2316	rVB	87847	148876	1.11%	0.198%
54	16.651	2317	2323	2329	rBV4	71059	177287	1.32%	0.236%
55	16.727	2329	2336	2345	rVB	566500	807012	6.03%	1.074%
56	16.909	2360	2367	2370	rBV	1795879	2549555	19.04%	3.394%
57	16.951	2370	2374	2380	rVV	9706960	13392398	100.00%	17.830%
58	17.039	2384	2389	2396	rVV	1685803	2285156	17.06%	3.042%
59	17.104	2396	2400	2407	rVB3	40389	68308	0.51%	0.091%
60	17.315	2425	2436	2442	rBV	402025	604969	4.52%	0.805%
61	17.433	2452	2456	2462	rBV2	107031	141543	1.06%	0.188%
62	17.492	2462	2466	2476	rVB2	49603	100944	0.75%	0.134%
63	17.627	2485	2489	2499	rVB	46715	93012	0.69%	0.124%
64	17.786	2506	2516	2520	rBV	387132	547494	4.09%	0.729%
65	17.833	2520	2524	2530	rVB	513942	670050	5.00%	0.892%
66	17.915	2532	2538	2543	rBV	132399	191566	1.43%	0.255%
67	17.974	2543	2548	2553	rVV2	635406	1040056	7.77%	1.385%
68	18.015	2553	2555	2564	rVB	192466	221863	1.66%	0.295%
69	18.292	2597	2602	2606	rVV	308633	422283	3.15%	0.562%
70	18.333	2606	2609	2615	rVB3	56180	86126	0.64%	0.115%
71	18.539	2640	2644	2649	rVV3	49562	83846	0.63%	0.112%
72	18.592	2649	2653	2656	rVV	42805	56863	0.42%	0.076%
73	18.633	2656	2660	2663	rVB	38234	49836	0.37%	0.066%
74	18.715	2668	2674	2679	rBV2	68182	124336	0.93%	0.166%
75	18.774	2679	2684	2687	rVV3	51982	91850	0.69%	0.122%
76	18.850	2693	2697	2705	rBV4	37846	82815	0.62%	0.110%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

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_M\Methods\SFAM-EPA-BM011325.MA.M
Title : SVOA CALIBRATION

77	18.974	2712	2718	2727	rBV	5099409	6428324	48.00%	8.558%
78	19.050	2727	2731	2733	rVV	35325	48885	0.37%	0.065%
79	19.080	2733	2736	2740	rVV2	40731	56416	0.42%	0.075%
80	19.221	2755	2760	2765	rVB	69484	106960	0.80%	0.142%
81	19.339	2770	2780	2789	rVV2	2228597	3879435	28.97%	5.165%
82	19.415	2789	2793	2800	rVB	107741	158998	1.19%	0.212%
83	19.527	2807	2812	2817	rBV	137663	192886	1.44%	0.257%
84	19.674	2830	2837	2838	rBV2	101123	177471	1.33%	0.236%
85	19.803	2855	2859	2861	rBV3	74568	108273	0.81%	0.144%
86	19.845	2862	2866	2872	rVB	306011	399714	2.98%	0.532%
87	19.945	2878	2883	2887	rBV	296211	372413	2.78%	0.496%
88	19.997	2887	2892	2896	rVV2	124581	206776	1.54%	0.275%
89	20.039	2896	2899	2903	rVB	64395	82365	0.62%	0.110%
90	20.086	2904	2907	2911	rVB3	33586	42623	0.32%	0.057%
91	20.139	2913	2916	2920	rVB	40572	47047	0.35%	0.063%
92	20.186	2920	2924	2929	rBV3	55637	93780	0.70%	0.125%
93	20.762	3018	3022	3025	rBV	107547	137944	1.03%	0.184%
94	20.797	3025	3028	3031	rVV	91160	112307	0.84%	0.150%
95	20.833	3031	3034	3041	rVV2	50684	100569	0.75%	0.134%
96	21.133	3077	3085	3089	rBV2	2134389	3610826	26.96%	4.807%
97	21.174	3089	3092	3101	rVB	523112	777365	5.80%	1.035%
98	21.309	3112	3115	3119	rBV2	46365	60056	0.45%	0.080%
99	23.044	3405	3410	3416	rBV	138499	345056	2.58%	0.459%
100	23.915	3550	3558	3576	rVB	1038585	2542926	18.99%	3.386%

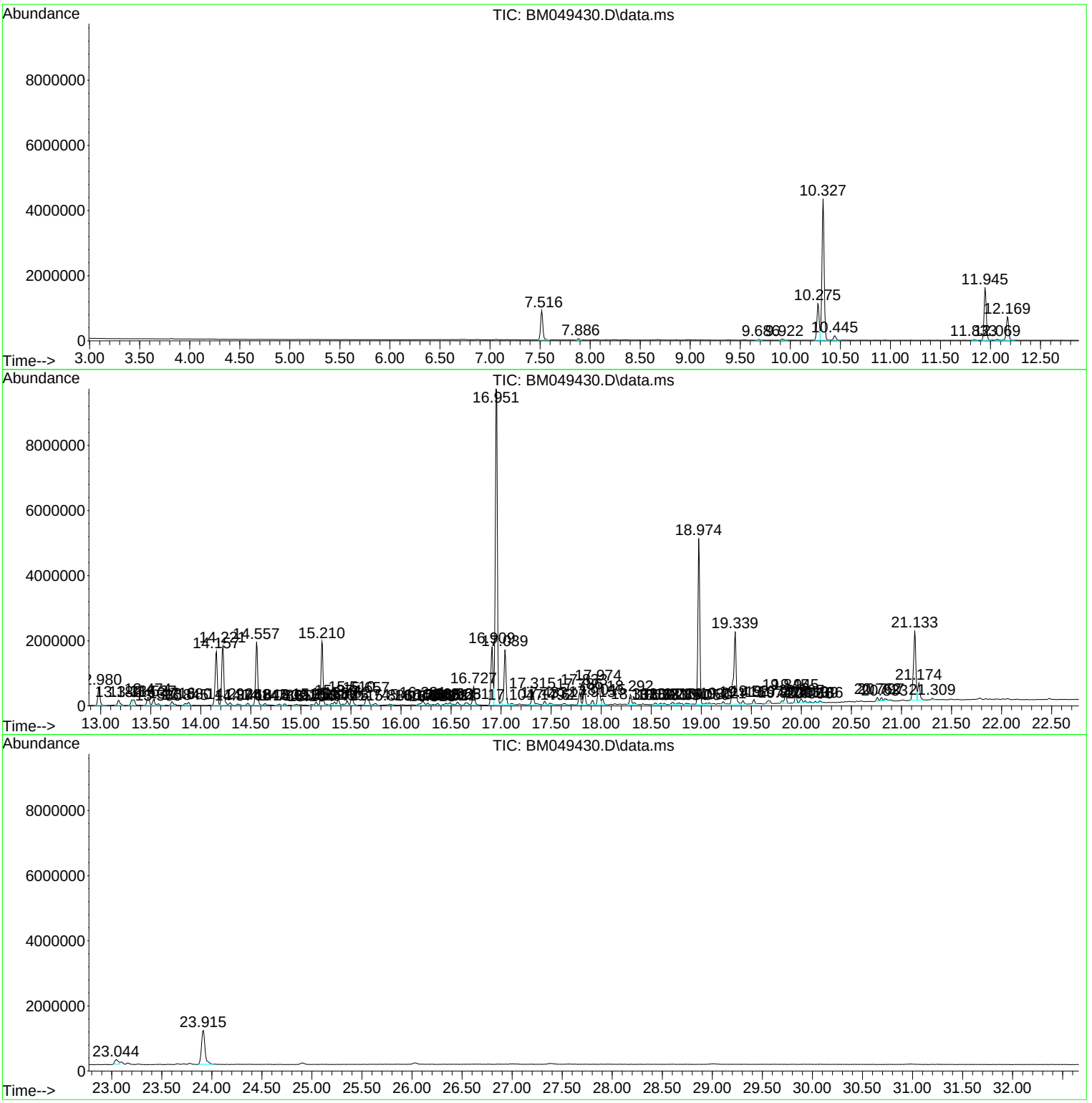
Sum of corrected areas: 75111038

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

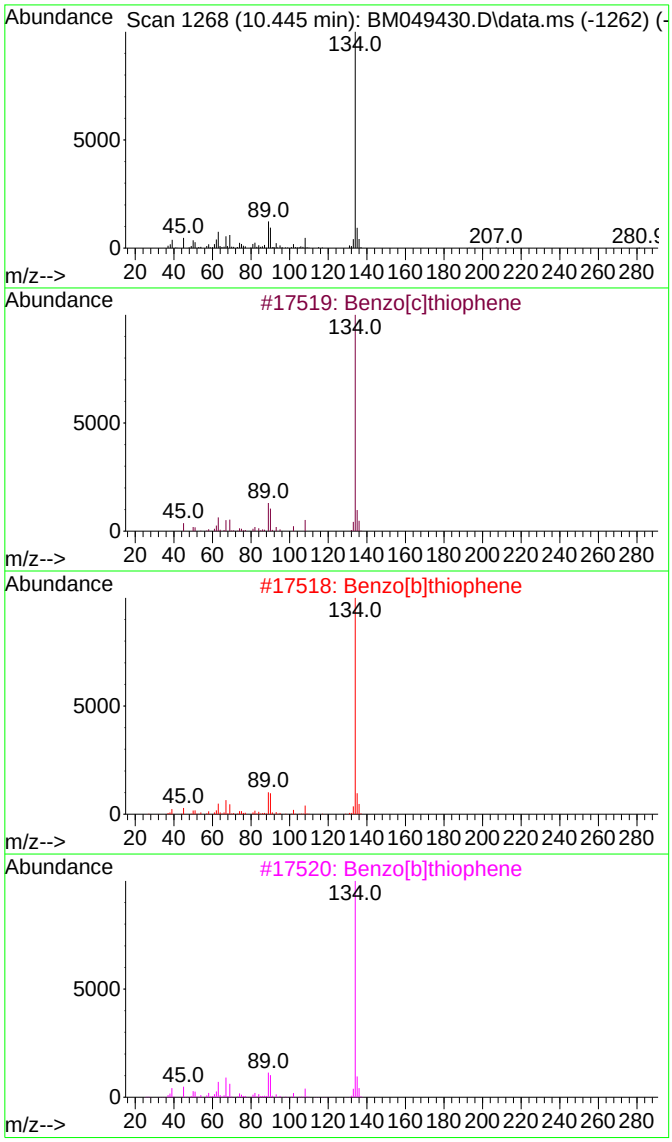
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

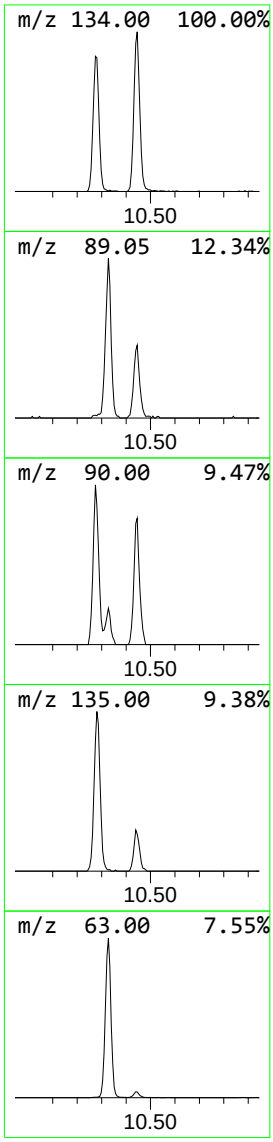
****

Peak Number 1 Benzo[c]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	2.61 ng/ul	241274	Naphthalene-d8	10.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

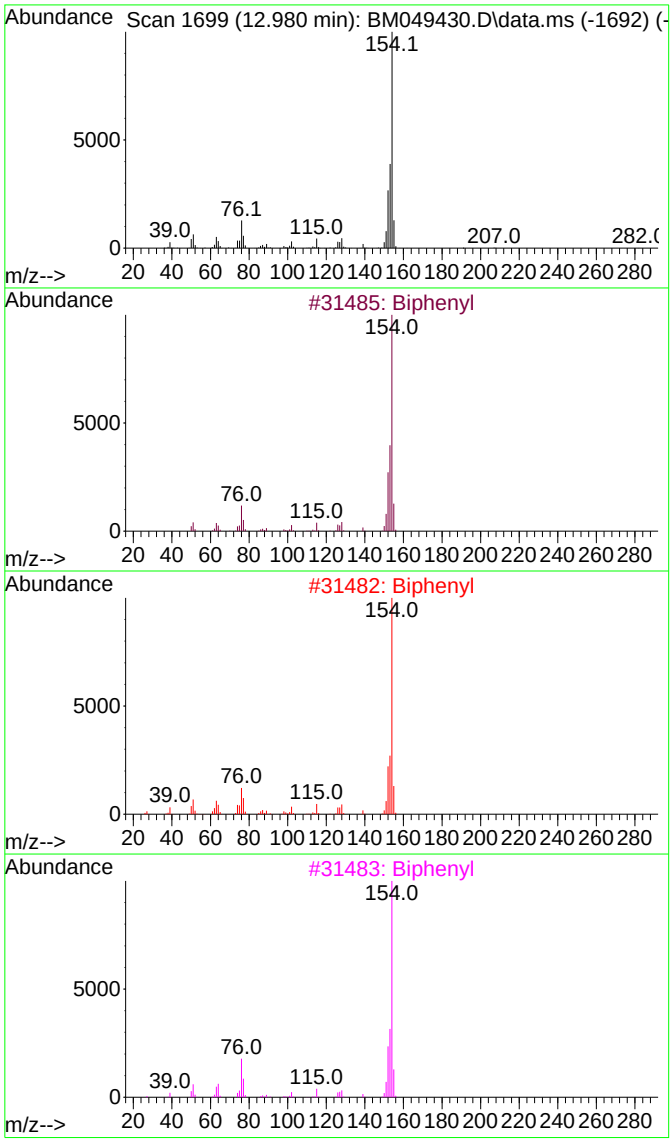
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

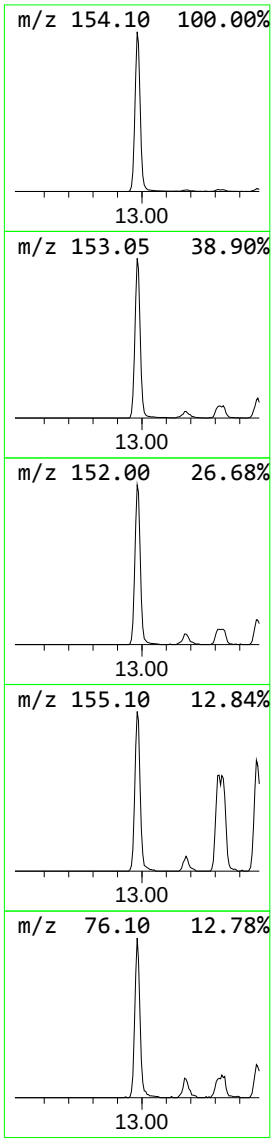
****

Peak Number 2 Biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	6.48 ng/ul	824976	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	94
4	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

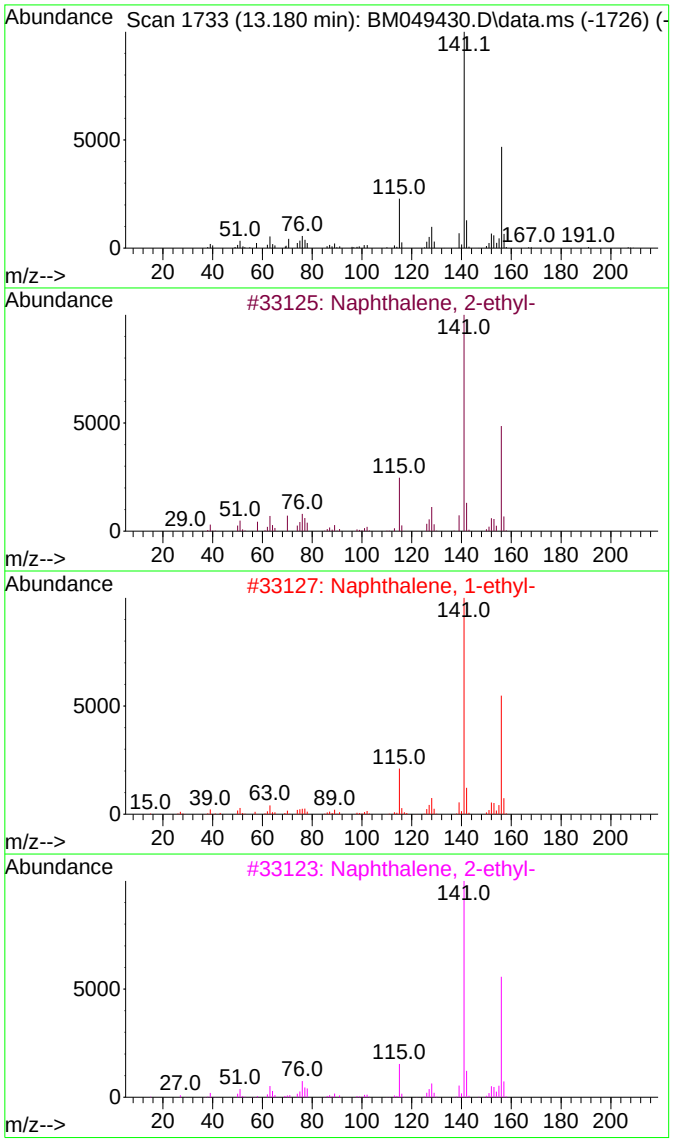
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

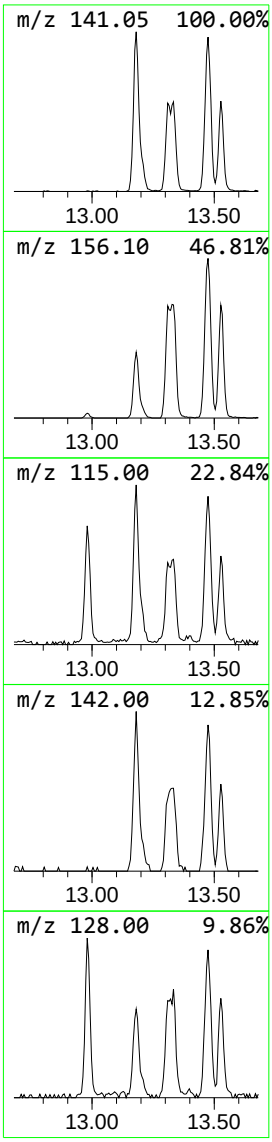
****

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.25 ng/ul	286895	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

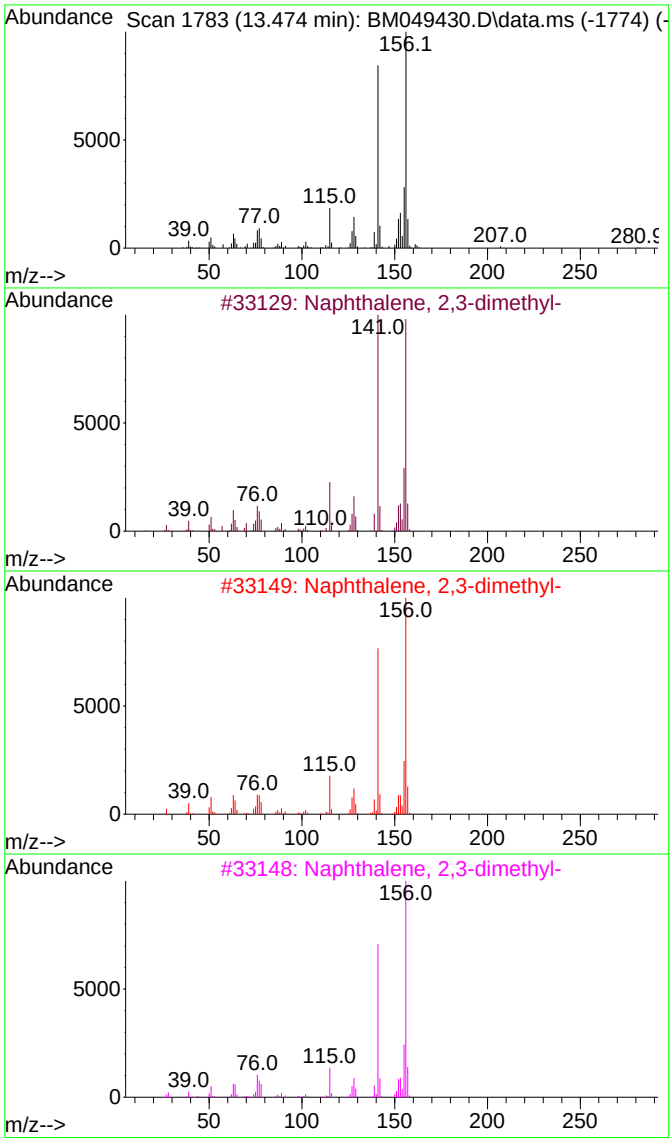
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

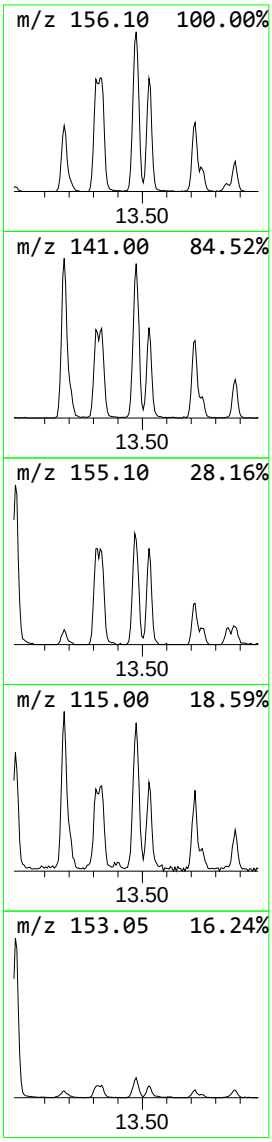
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.474	3.45 ng/ul	438969	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

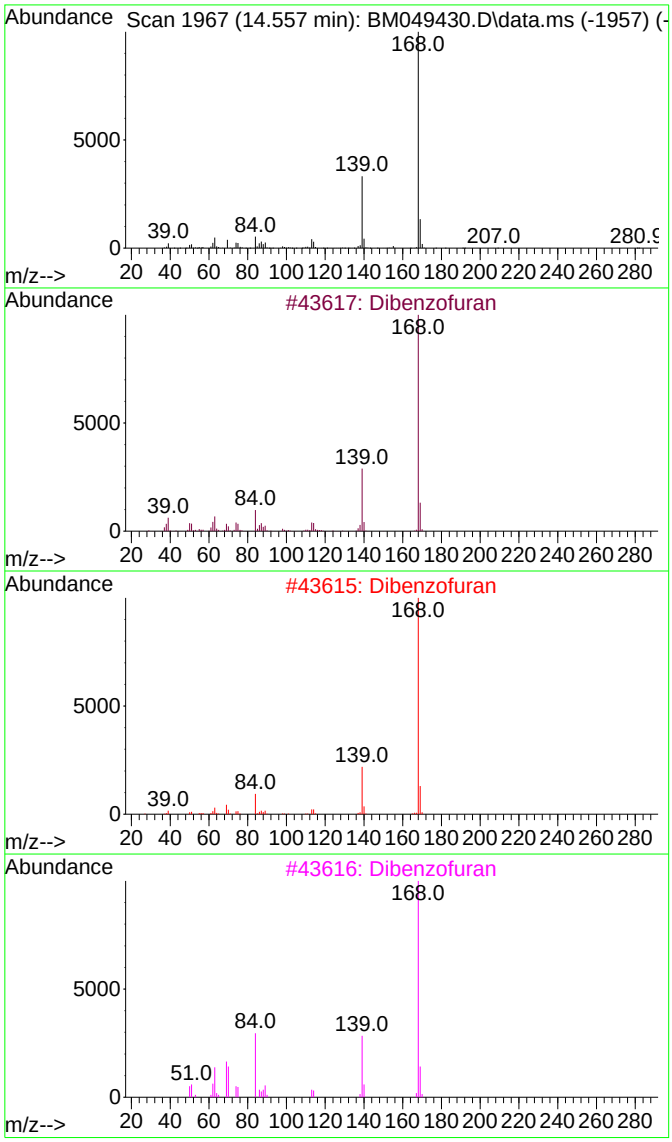
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

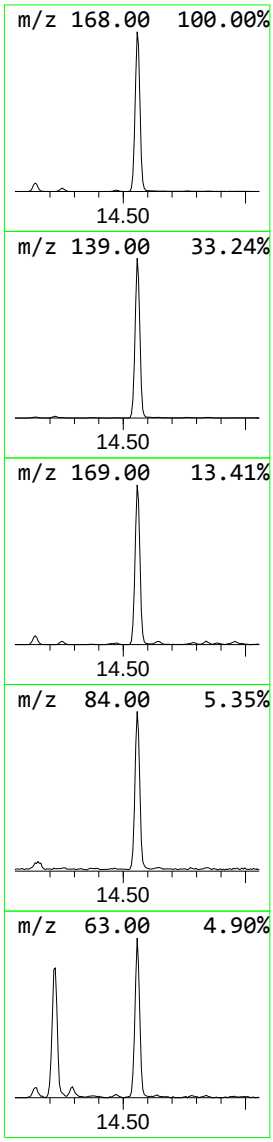
****

Peak Number 5 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	21.75 ng/ul	2768100	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	64
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59





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Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

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Quant Title : SVOA CALIBRATION

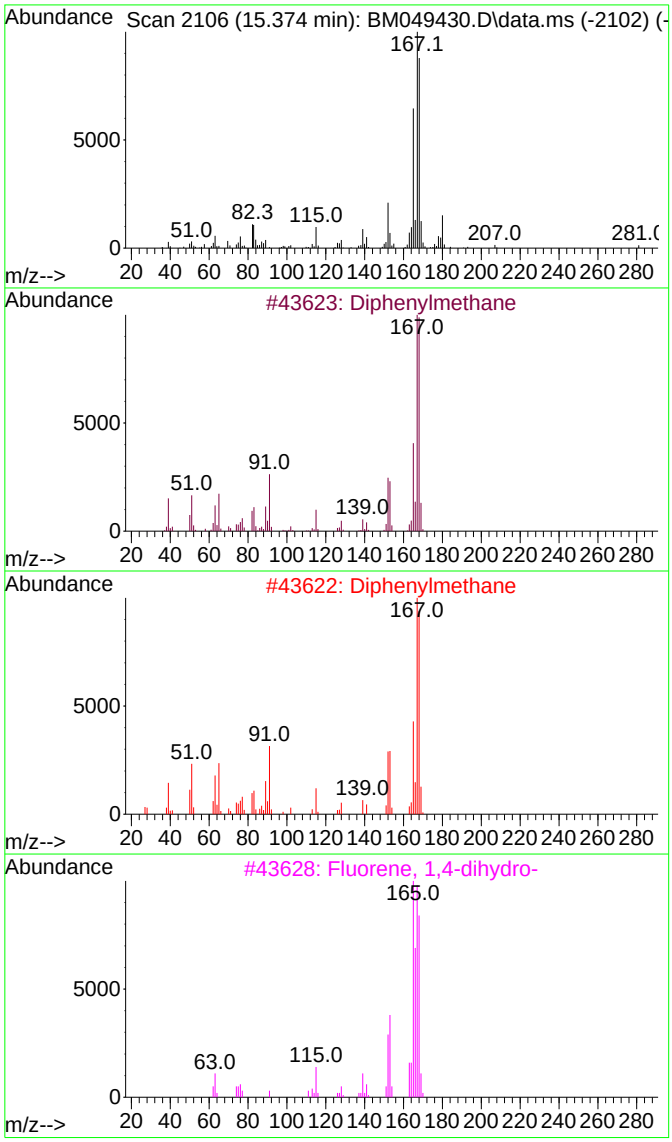
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

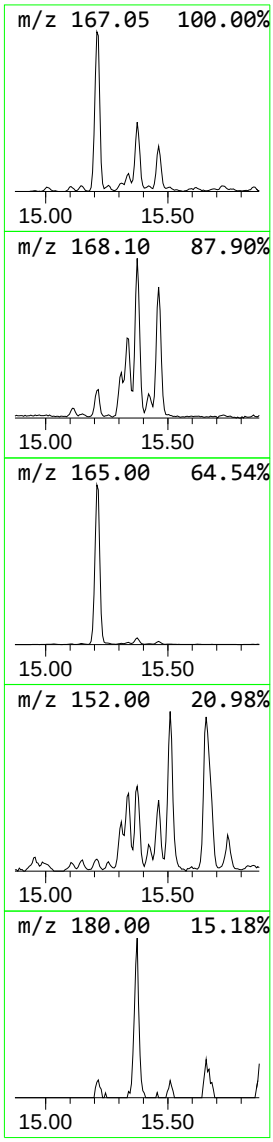
****

Peak Number 6 Diphenylmethane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	2.25 ng/ul	286868	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Diphenylmethane	168	C13H12	000101-81-5	64
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	62
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60





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Sample : Q1139-07DL2 30X
Misc :
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ClientSampleId :
DCZH4DL2

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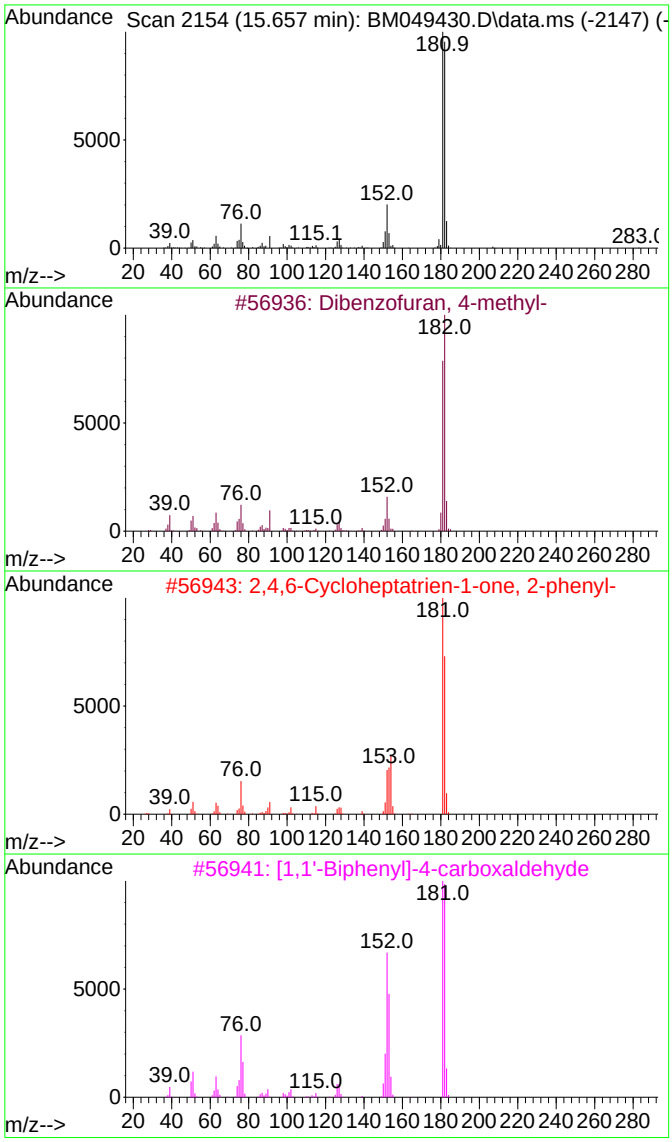
Quant Title : SVOA CALIBRATION

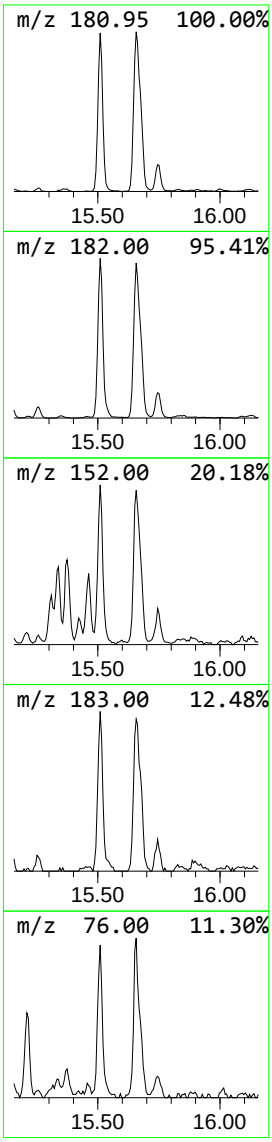
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	4.49 ng/ul	572852	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

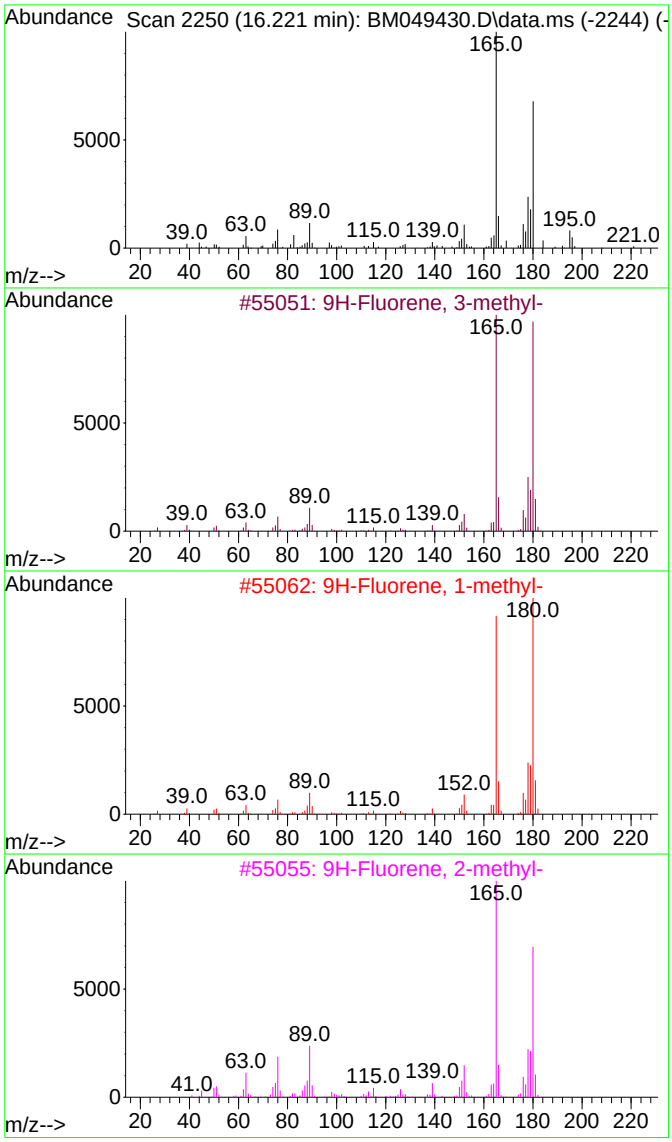
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

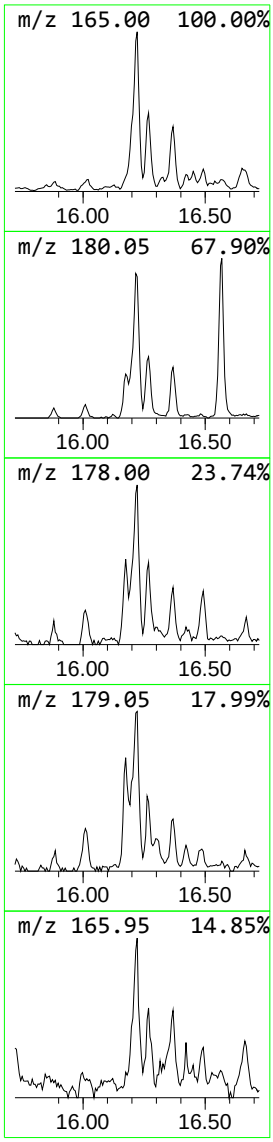
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	2.08 ng/ul	265335	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	72





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Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

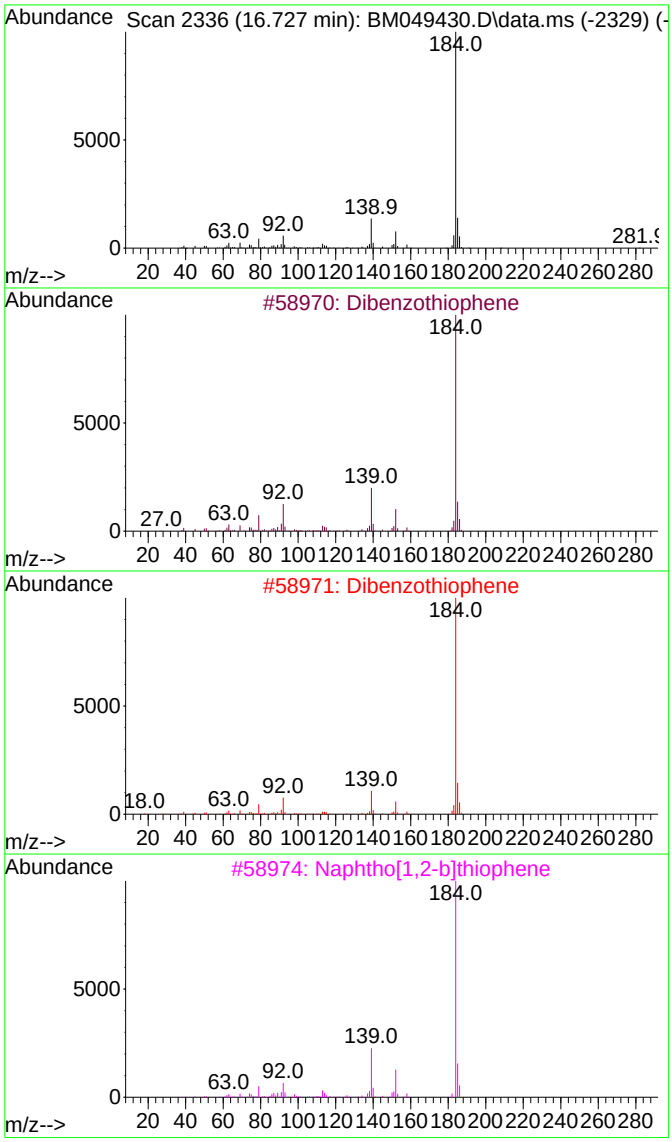
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

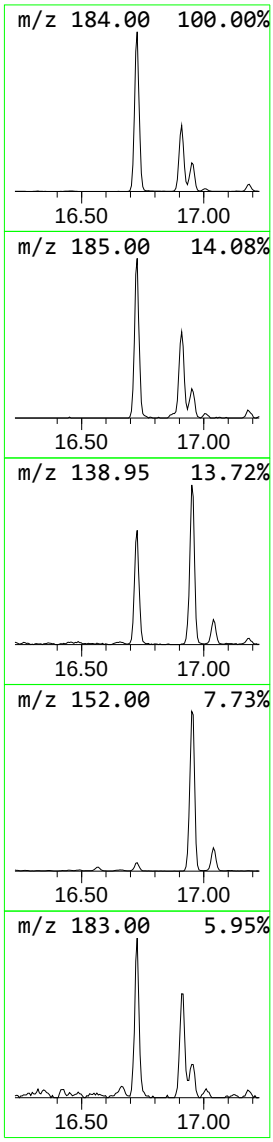
****

Peak Number 10 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	6.33 ng/ul	807012	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





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Acq On : 23 Jan 2025 22:40
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Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

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BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

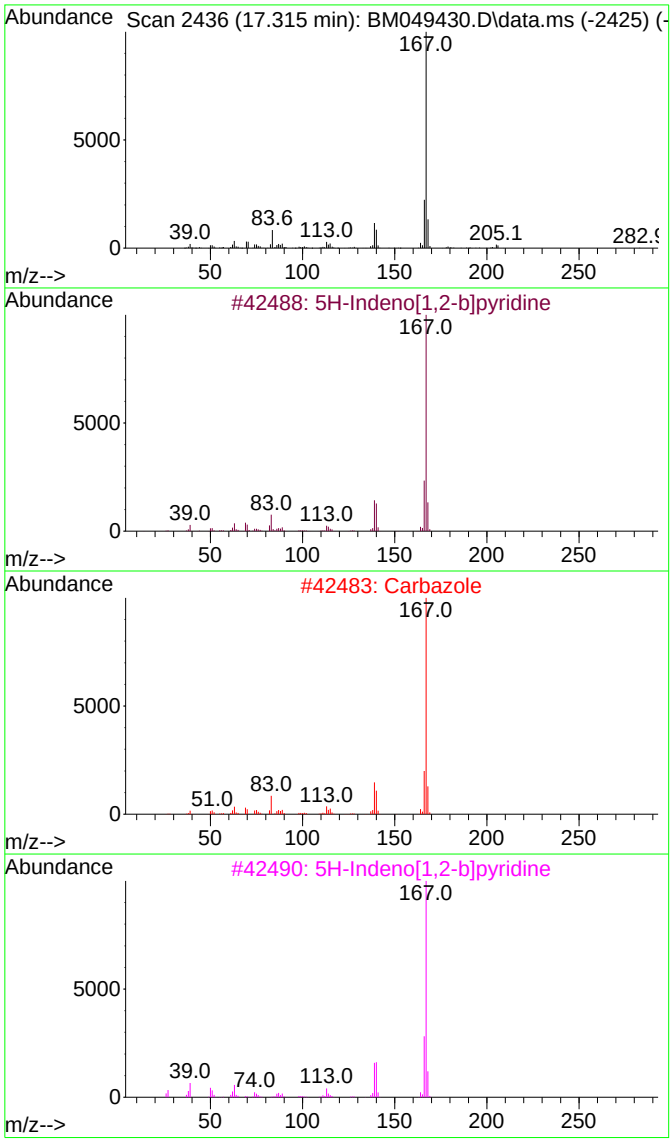
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

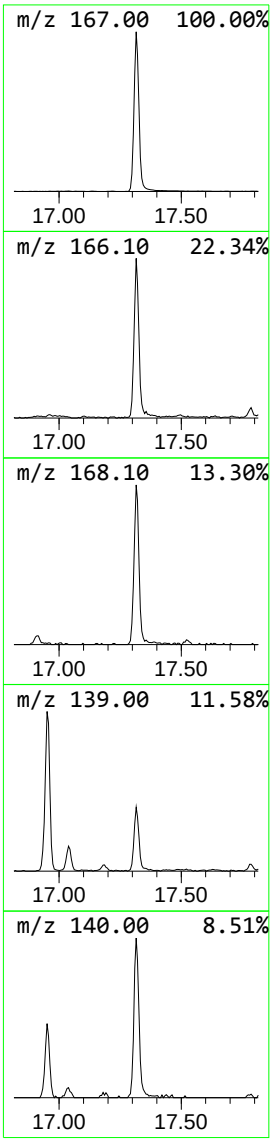
****

Peak Number 11 5H-Indeno[1,2-b]pyridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	4.75 ng/ul	604969	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90
5	Carbazole	167	C12H9N	000086-74-8	87





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Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

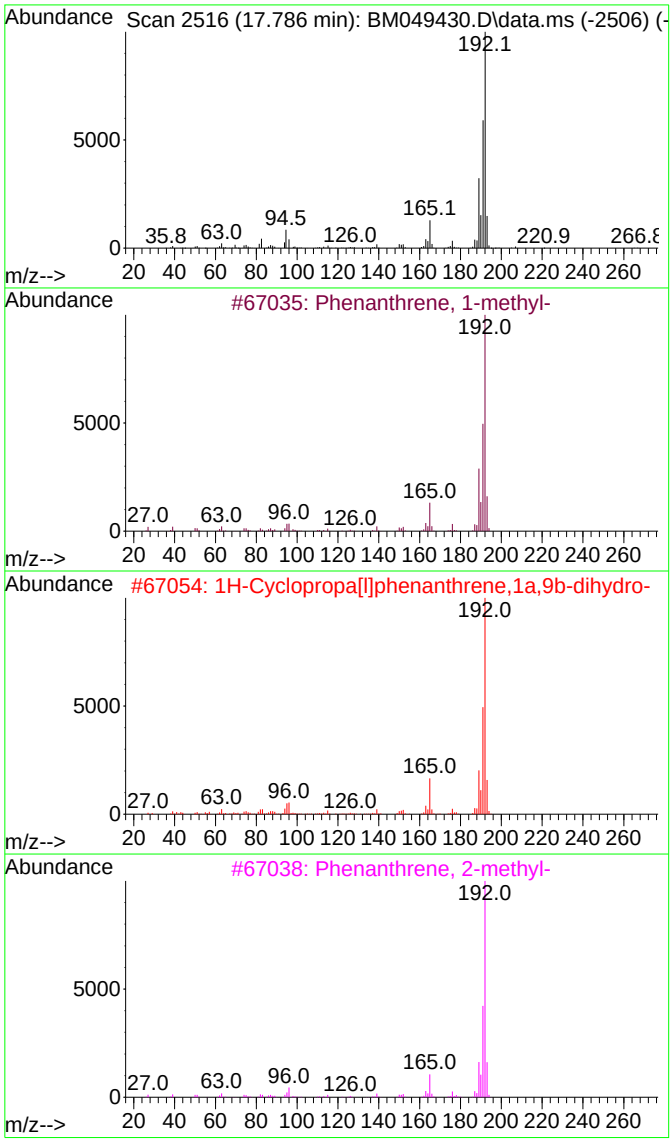
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

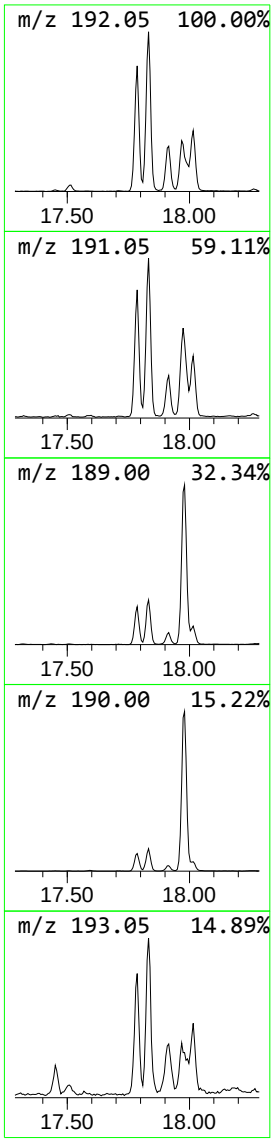
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	4.29 ng/ul	547494	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

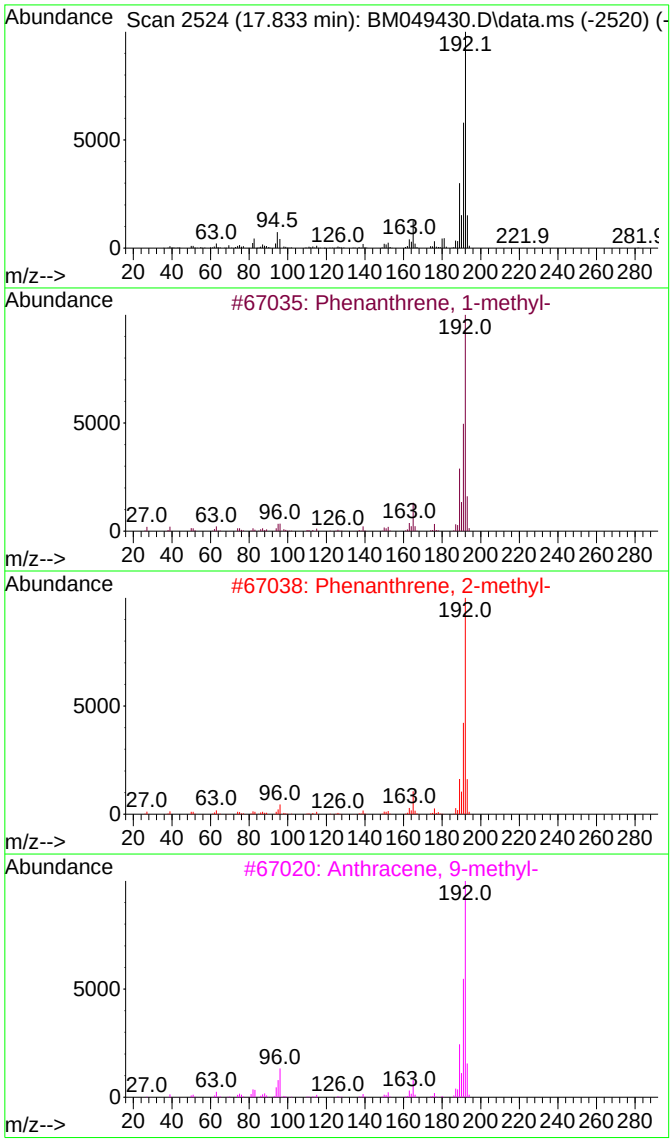
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

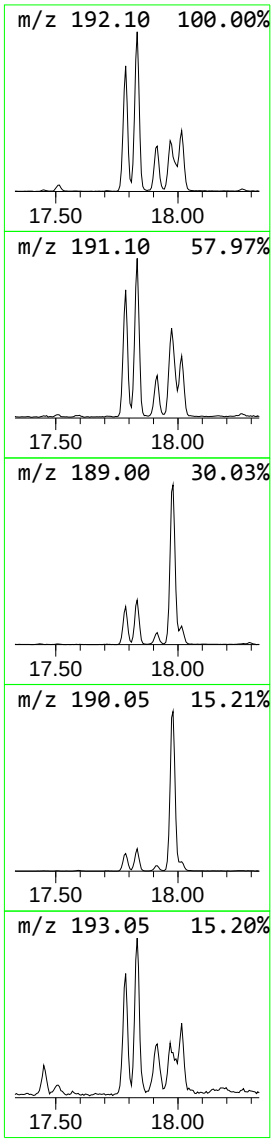
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	5.26 ng/ul	670050	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 23 Jan 2025 22:40
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Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH4DL2

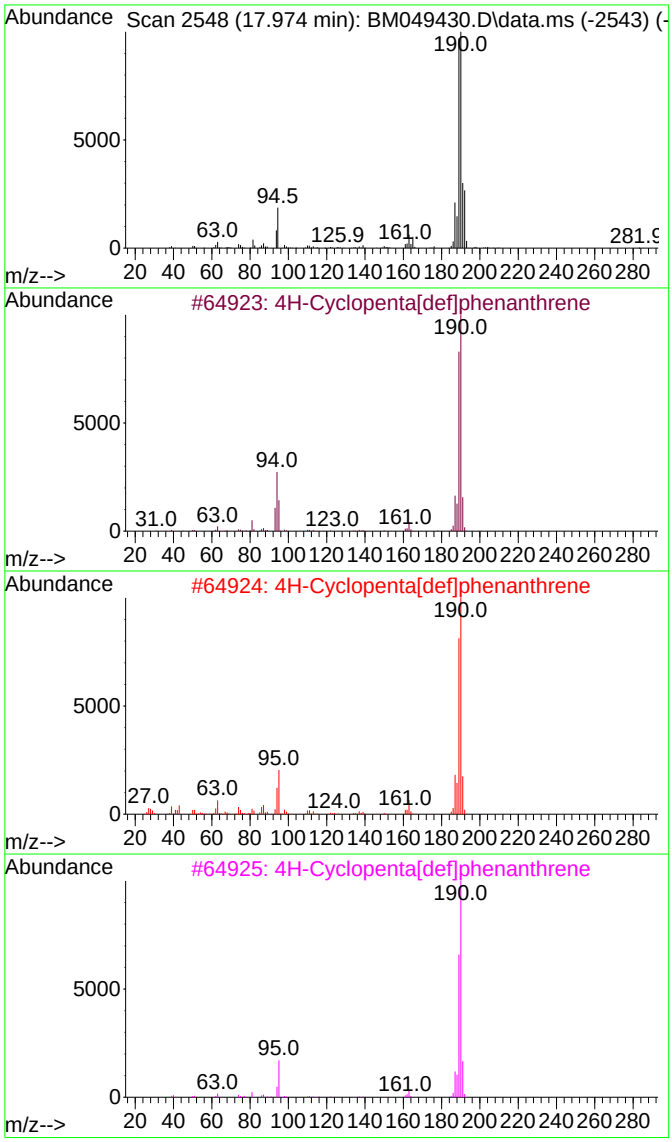
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

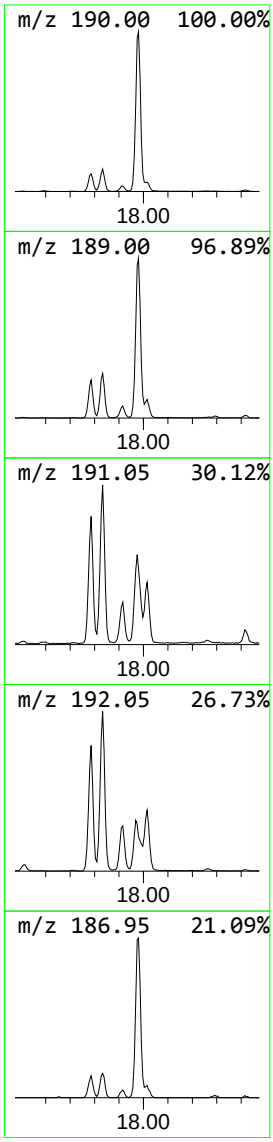
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	8.16 ng/ul	1040060	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH4DL2

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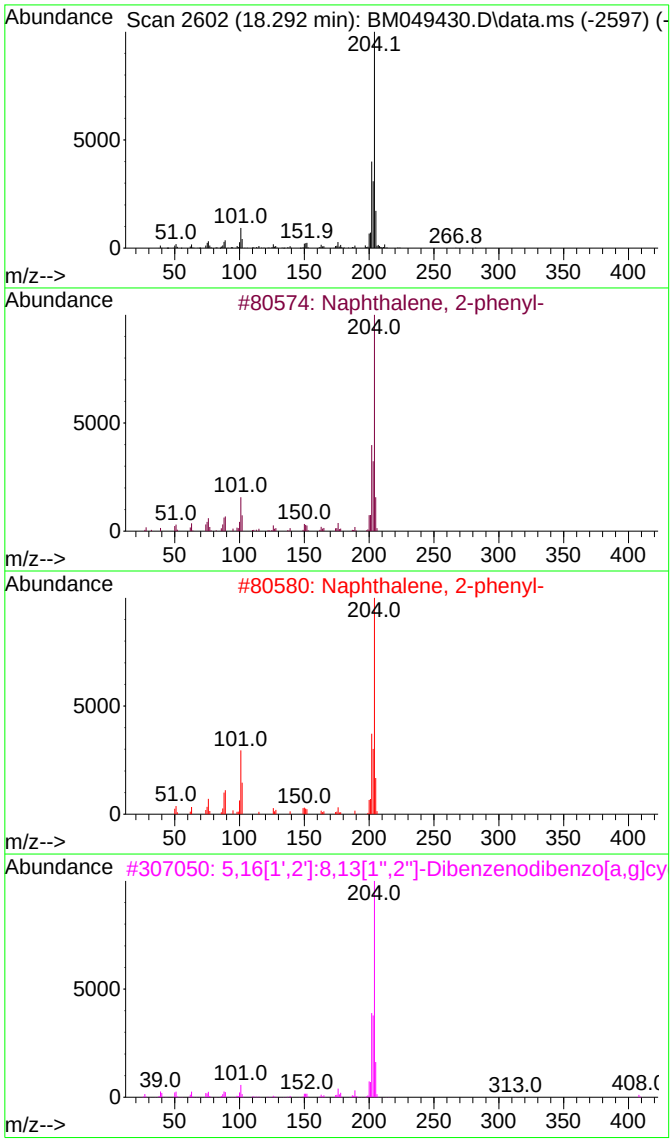
Quant Title : SVOA CALIBRATION

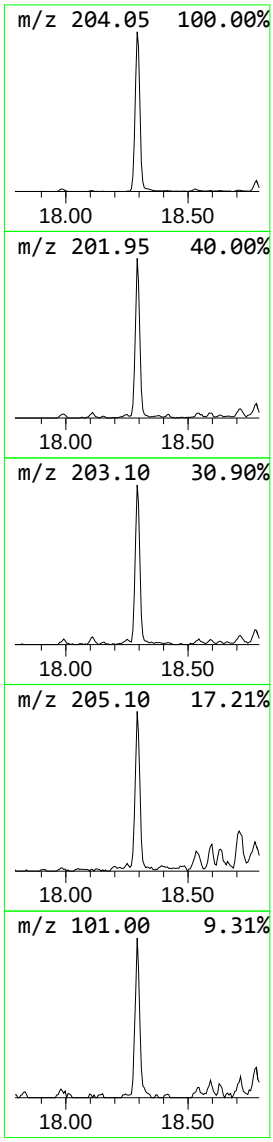
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	3.31 ng/ul	422283	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





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Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

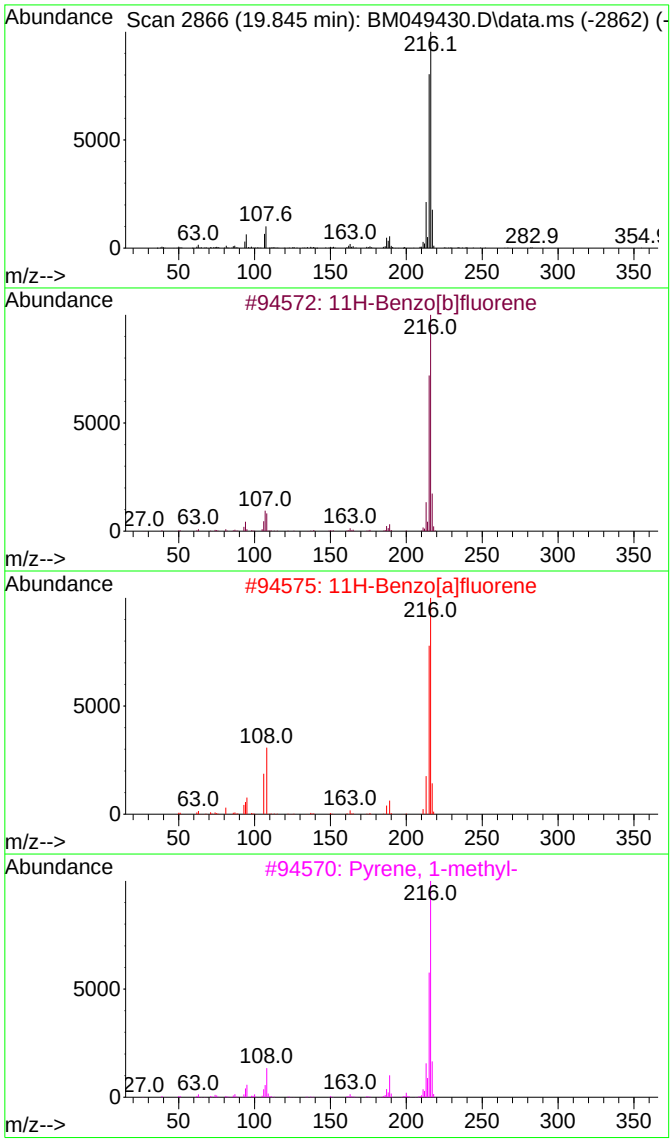
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

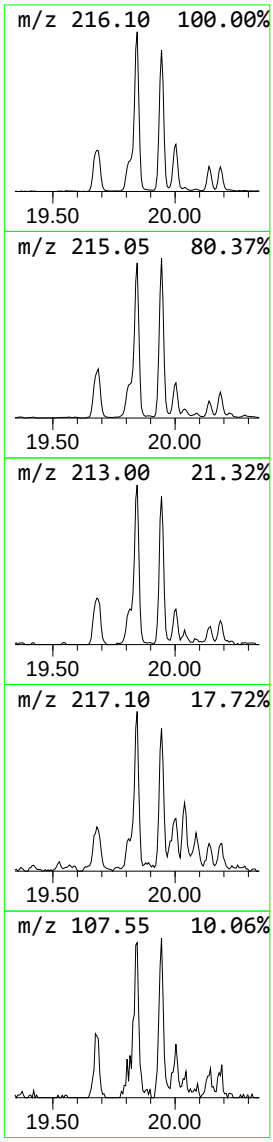
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	2.21 ng/ul	399714	Chrysene-d12	21.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

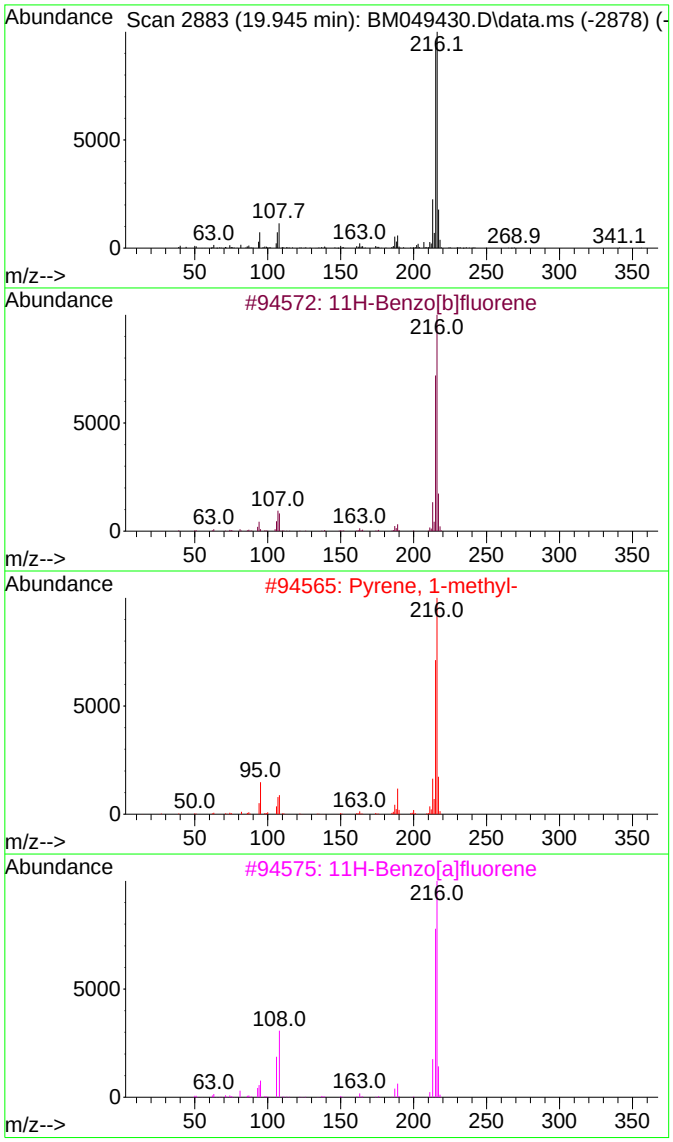
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

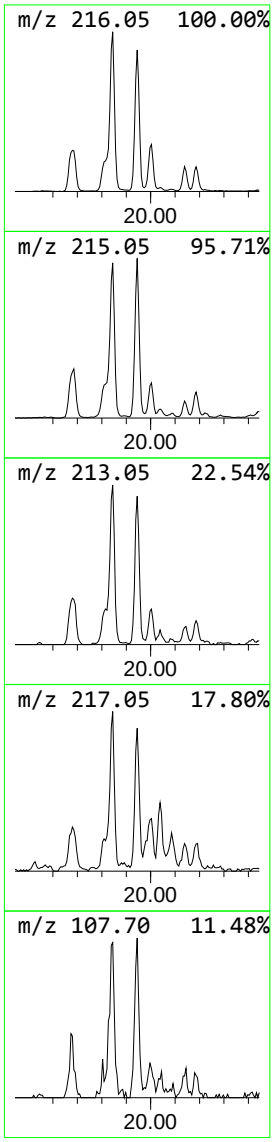
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	2.06 ng/ul	372413	Chrysene-d12	21.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Tentatively Identified Compound (LSC) summary

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Data File : BM049430.D
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Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.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
Benzo[c]thiophene	10.445	2.6	ng/ul	241274	2	10.275	1850180	20.0
Biphenyl	12.980	6.5	ng/ul	824976	3	14.157	2545500	20.0
Naphthalene, 2-...	13.180	2.3	ng/ul	286895	3	14.157	2545500	20.0
Naphthalene, 2,...	13.474	3.5	ng/ul	438969	3	14.157	2545500	20.0
Dibenzo furan	14.557	21.8	ng/ul	2768100	3	14.157	2545500	20.0
Diphenylmethane	15.374	2.3	ng/ul	286868	3	14.157	2545500	20.0
Dibenzofuran, 4...	15.657	4.5	ng/ul	572852	4	16.909	2549560	20.0
9H-Fluorene, 3-...	16.221	2.1	ng/ul	265335	4	16.909	2549560	20.0
Dibenzothiophene	16.727	6.3	ng/ul	807012	4	16.909	2549560	20.0
5H-Indeno[1,2-b...	17.315	4.8	ng/ul	604969	4	16.909	2549560	20.0
Phenanthrene, 1...	17.786	4.3	ng/ul	547494	4	16.909	2549560	20.0
Phenanthrene, 2...	17.833	5.3	ng/ul	670050	4	16.909	2549560	20.0
4H-Cyclopenta[d...	17.974	8.2	ng/ul	1040060	4	16.909	2549560	20.0
Naphthalene, 2-...	18.292	3.3	ng/ul	422283	4	16.909	2549560	20.0
11H-Benzo[b]flu...	19.845	2.2	ng/ul	399714	5	21.133	3610830	20.0
Pyrene, 1-methyl-	19.945	2.1	ng/ul	372413	5	21.133	3610830	20.0