LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCYN5DL2

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.652	110	113	126	rVB	9874	17982	0.81%	0.090%
2	6.840	651	655	659	rVV2	7648	12651	0.57%	0.063%
3	6.887	659	663	668	rVB2	8953	14405	0.65%	0.072%
4	7.034	683	688	696	rBV2	9229	16486	0.75%	0.083%
5	7.240	715	723	730	rBV2	12873	23358	1.06%	0.117%
6	7.352	734	742	746	rVV2	5892	11457	0.52%	0.057%
7	7.422	746	754	762	rVB5	5425	10625	0.48%	0.053%
8	7.693	791	800	811	rBV	281578	461529	20.90%	2.313%
9	8.063	857	863	868	rVB	14788	25306	1.15%	0.127%
10	8.222	883	890	900	rBV	18541	33508	1.52%	0.168%
11	8.404	914	921	932	rVV2	13606	29707	1.35%	0.149%
12	8.840	988	995	1003	rVV4	11670	24031	1.09%	0.120%
13	9.152	1037	1048	1055	rVV4	4996	13048	0.59%	0.065%
14	9.246	1059	1064	1070	rVB3	10108	15219	0.69%	0.076%
15	9.551	1110	1116	1125	rBV4	9714	18320	0.83%	0.092%
16	9.857	1160	1168	1172	rBV4	6503	13626	0.62%	0.068%
17	10.093	1203	1208	1221	rBV3	15927	33335	1.51%	0.167%
18	10.451	1261	1269	1273	rBV	368999	637154	28.86%	3.193%
19	10.504	1273	1278	1286	rVV	900076	1467935	66.49%	7.356%
20	10.616	1288	1297	1307	rVB2	40324	90926	4.12%	0.456%
21	12.110	1542	1551	1560	rBV	293078	475361	21.53%	2.382%
22	12.228	1565	1571	1577	rVV3	7555	13890	0.63%	0.070%
23	12.328	1577	1588	1597	rVB	144210	238971	10.82%	1.198%
24	13.128	1717	1724	1736	rBV	74191	131637	5.96%	0.660%
25	13.322	1752	1757	1767	rVB	26726	52767	2.39%	0.264%
26	13.463	1773	1781	1782	rBV2	36369	60935	2.76%	0.305%
27	13.622	1801	1808	1813	rBV2	54412	100552	4.55%	0.504%
28	13.675	1813	1817	1820	rVV	36943	62510	2.83%	0.313%
29	13.704	1820	1822	1831	rVB	37633	55272	2.50%	0.277%
30	13.863	1842	1849	1853	rBV2	24403	39370	1.78%	0.197%
31	13.998	1865	1872	1875	rBV	40567	69621	3.15%	0.349%
32	14.022	1875	1876	1883	rVB	25897	29699	1.35%	0.149%
33	14.310	1916	1925	1931	rVV	626462	1020324	46.22%	5.113%
34	14.375	1931	1936	1943	rVV	363639	526595	23.85%	2.639%
35	14.445	1943	1948	1955	rVB	18111	29159	1.32%	0.146%
36	14.522	1955	1961	1965	rBV4	7673	17620	0.80%	0.088%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

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-BP100724.MA.M
Title : SVOA CALIBRATION

37	14.563	1965	1968	1972	rVV6	5989	10596	0.48%	0.053%
38	14.628	1972	1979	1984	rVV4	13091	27980	1.27%	0.140%
39	14.716	1988	1994	2002	rVV	343899	471830	21.37%	2.364%
40	14.792	2002	2007	2012	rVB2	10310	16564	0.75%	0.083%
41	14.945	2025	2033	2038	rBV5	12333	26010	1.18%	0.130%
42	14.998	2038	2042	2047	rVB2	12891	18295	0.83%	0.092%
43	15.110	2054	2061	2063	rBV6	8856	13968	0.63%	0.070%
44	15.322	2091	2097	2101	rVV2	67549	103229	4.68%	0.517%
45	15.375	2101	2106	2115	rVV	371555	525410	23.80%	2.633%
46	15.469	2115	2122	2124	rVV7	13569	30554	1.38%	0.153%
47	15.498	2124	2127	2130	rVV2	21188	32059	1.45%	0.161%
48	15.539	2130	2134	2139	rVV2	42029	64495	2.92%	0.323%
49	15.592	2139	2143	2146	rVV5	8236	14975	0.68%	0.075%
50	15.634	2146	2150	2153	rVV2	20045	31077	1.41%	0.156%
51	15.681	2153	2158	2165	rVB2	63240	103448	4.69%	0.518%
52	15.816	2173	2181	2190	rBV	57266	121441	5.50%	0.609%
53	15.910	2190	2197	2204	rVB5	11099	29004	1.31%	0.145%
54	16.045	2216	2220	2232	rVB6	14321	35588	1.61%	0.178%
55	16.175	2235	2242	2251	rBV7	11490	23619	1.07%	0.118%
56	16.398	2270	2280	2285	rBV2	38392	81583	3.70%	0.409%
57	16.445	2285	2288	2294	rVB	15185	17896	0.81%	0.090%
58	16.545	2301	2305	2310	rVB2	10224	18050	0.82%	0.090%
59	16.610	2310	2316	2318	rBV6	6442	10558	0.48%	0.053%
60	16.639	2318	2321	2324	rVV4	10668	14254	0.65%	0.071%
61	16.681	2324	2328	2331	rVB3	13151	17669	0.80%	0.089%
62	16.757	2336	2341	2349	rVV3	55214	89284	4.04%	0.447%
63	16.833	2349	2354	2362	rVV4	17844	51175	2.32%	0.256%
64	16.922	2363	2369	2379	rVB	84335	146067	6.62%	0.732%
65	17.110	2395	2401	2404	rBV	1092040	1449385	65.65%	7.263%
66	17.145	2404	2407	2413	rVV	1599836	1932779	87.54%	9.685%
67	17.204	2413	2417	2420	rVV2	80211	131691	5.96%	0.660%
68	17.239	2420	2423	2430	rVV	118343	187533	8.49%	0.940%
69	17.304	2430	2434	2441	rVB4	8520	17137	0.78%	0.086%
70	17.516	2462	2470	2483	rVV2	102835	179472	8.13%	0.899%
71	17.651	2486	2493	2498	rBV4	15660	35562	1.61%	0.178%
72	17.710	2500	2503	2506	rVV3	10210	14481	0.66%	0.073%
73	17.751	2507	2510	2515	rVB7	8856	11452	0.52%	0.057%
74	17.851	2523	2527	2535	rVB2	10830	22538	1.02%	0.113%
75	18.010	2548	2554	2558	rBV	67041	113688	5.15%	0.570%
76	18.069	2558	2564	2571	rVV	107440	182192	8.25%	0.913%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCYN5DL2

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	18.157	2572	2579	2583	rVV	38970	59203	2.68%	0.297%
78	18.216	2583	2589	2593	rVV3	153648	250708	11.36%	1.256%
79	18.251	2593	2595	2602	rVB	44789	48706	2.21%	0.244%
80	18.480	2631	2634	2639	rBV6	6945	12137	0.55%	0.061%
81	18.533	2639	2643	2648	rBV	67860	89109	4.04%	0.447%
82	18.804	2685	2689	2692	rBV4	12435	17394	0.79%	0.087%
83	18.851	2694	2697	2700	rVV2	10979	13662	0.62%	0.068%
84	18.886	2701	2703	2707	rVB3	12287	13200	0.60%	0.066%
85	18.963	2711	2716	2721	rBV2	25654	48360	2.19%	0.242%
86	19.027	2723	2727	2731	rVB5	9361	17161	0.78%	0.086%
87	19.251	2759	2765	2770	rBV	908655	1155363	52.33%	5.790%
88	19.304	2772	2774	2776	rVV2	10077	10416	0.47%	0.052%
89	19.339	2778	2780	2784	rVB2	13224	14976	0.68%	0.075%
90	19.492	2802	2806	2817	rVB2	20528	54771	2.48%	0.274%
91	19.592	2818	2823	2825	rBV2	233130	325851	14.76%	1.633%
92	19.622	2825	2828	2836	rVV	608356	742094	33.61%	3.719%
93	19.692	2837	2840	2845	rVB2	23510	36596	1.66%	0.183%
94	19.810	2856	2860	2865	rVB	30732	40599	1.84%	0.203%
95	19.957	2881	2885	2887	rBV2	28789	42848	1.94%	0.215%
96	20.139	2912	2916	2922	rVB	76651	115284	5.22%	0.578%
97	20.245	2930	2934	2939	rBV	89452	109475	4.96%	0.549%
98	21.545	3147	3155	3160	rBV2	1244528	2207763	100.00%	11.063%
99	21.586	3160	3162	3168	rVB	108249	146799	6.65%	0.736%
100	24.833	3705	3714	3723	rVB	812827	2063773	93.48%	10.342%

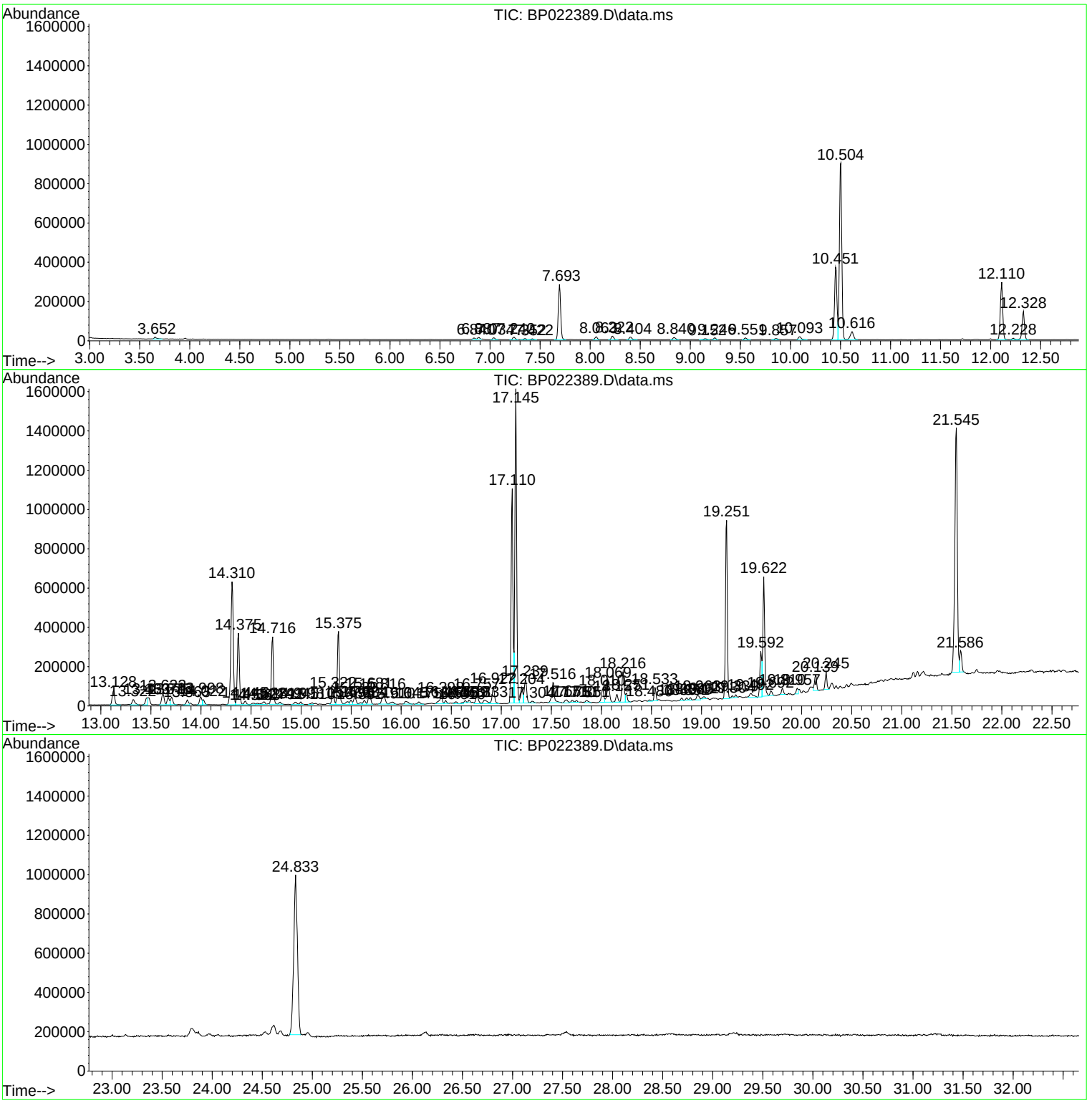
Sum of corrected areas: 19955727

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

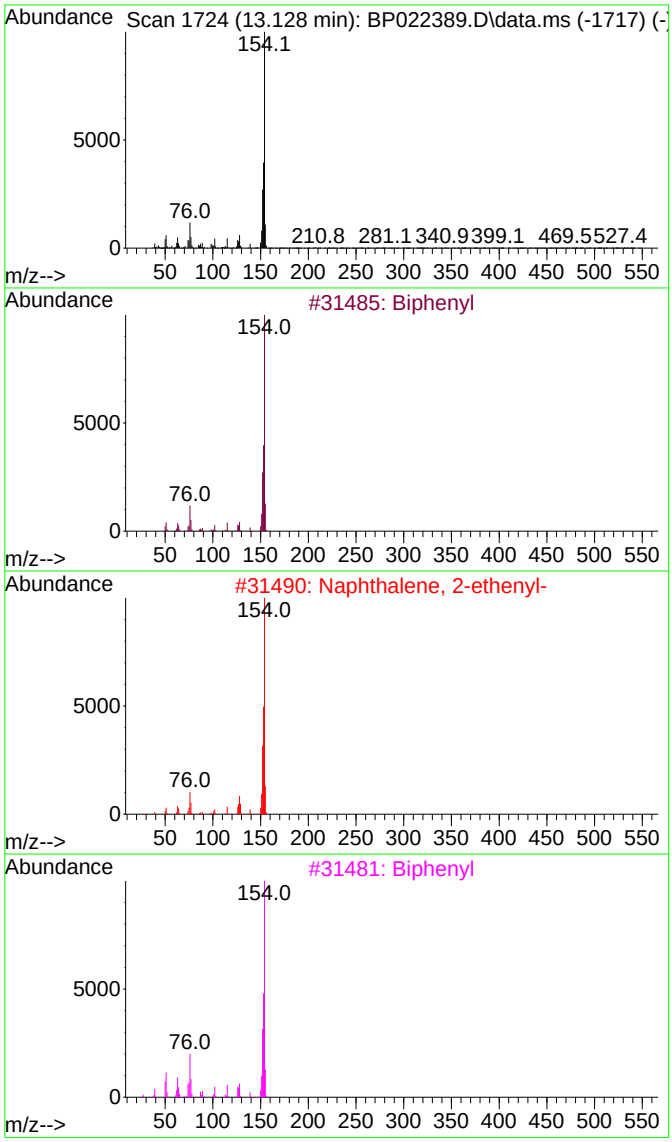
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

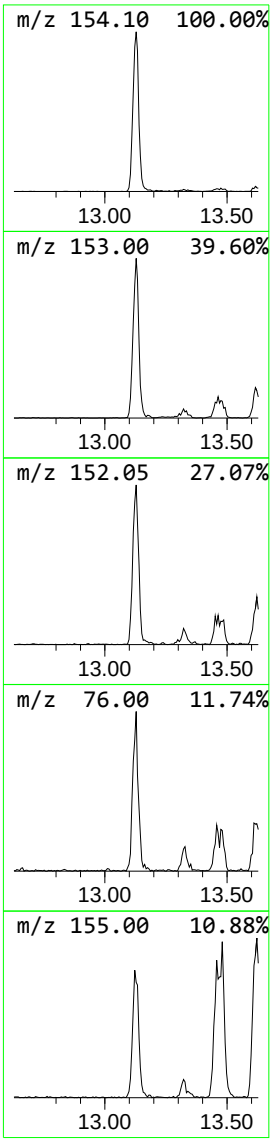
****

Peak Number 1 Biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	2.58 ng/ul	131637	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	76
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

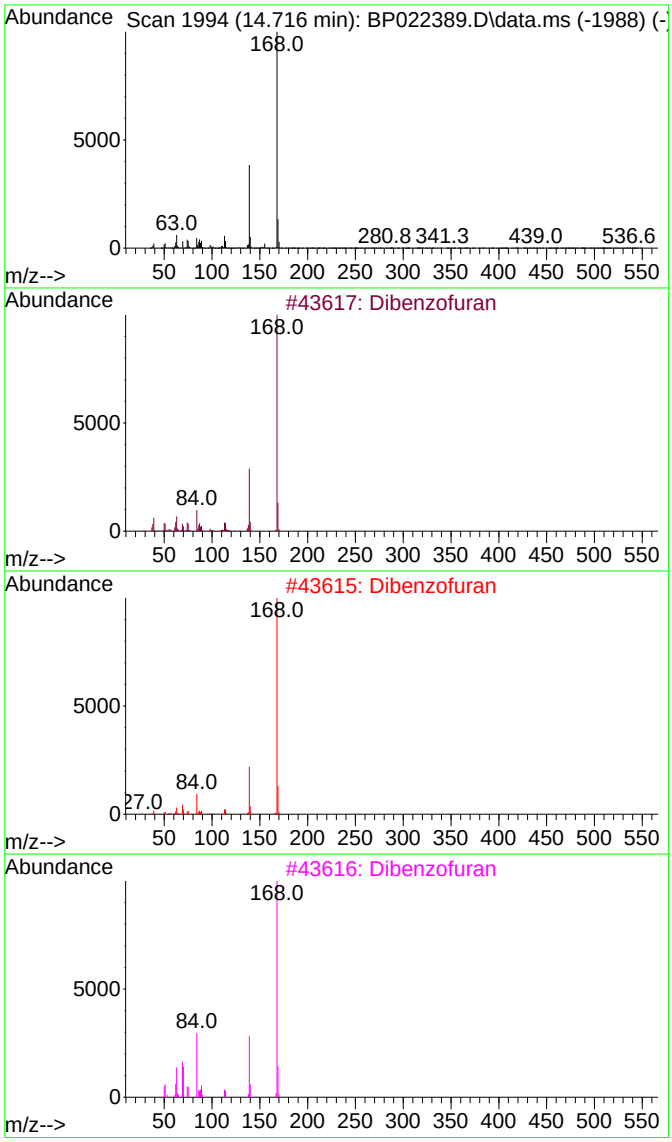
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

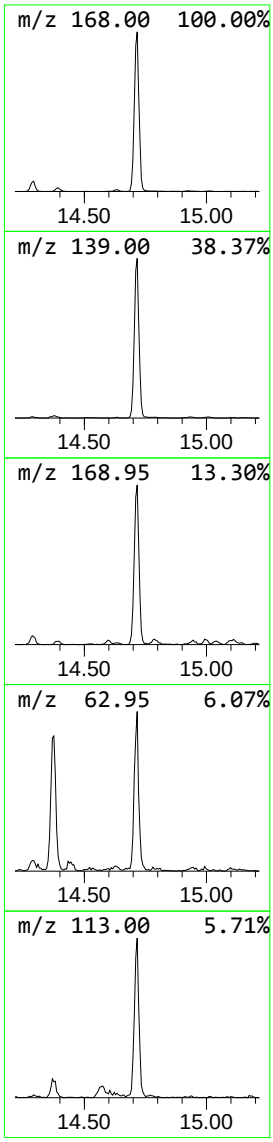
****

Peak Number 2 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.716	9.25 ng/ul	471830	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	Dibenzofuran	168	C12H8O	000132-64-9	78
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	Pyrimidine, 2-(dimethylamino)-5-...	168	C6H8N4O2	014233-44-4	56
5	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

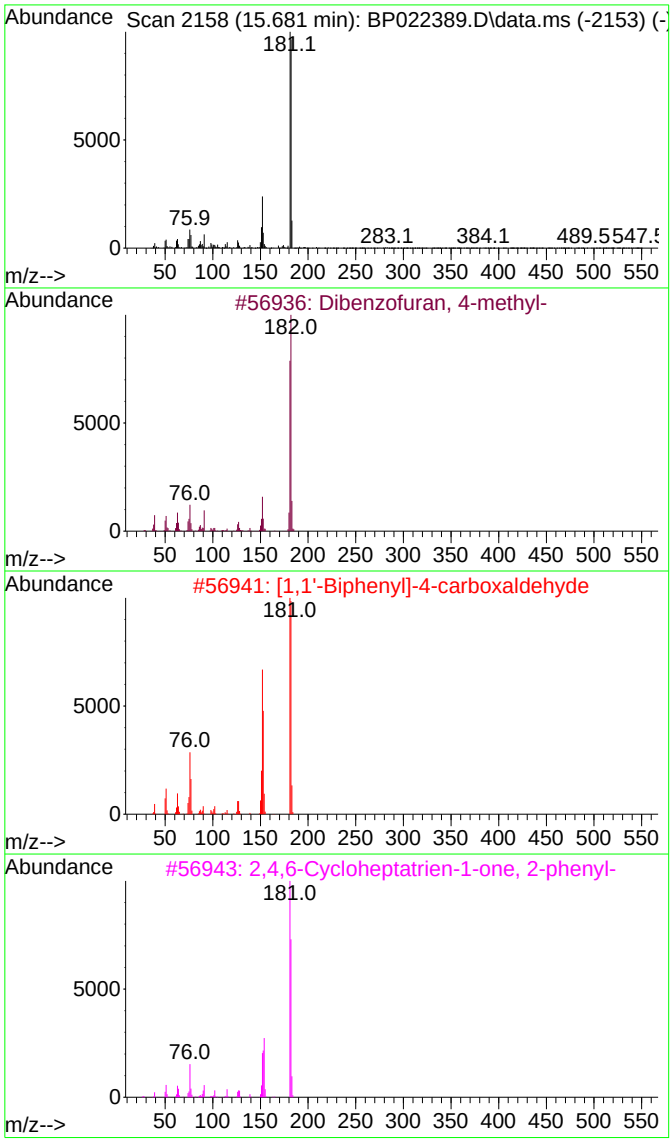
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

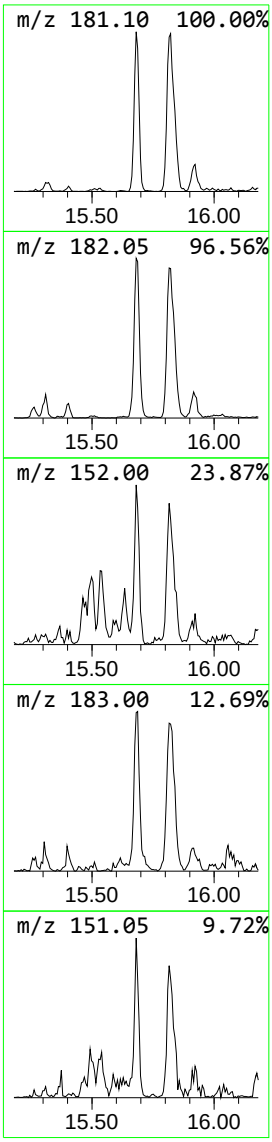
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.681	2.03 ng/ul	103448	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	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\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

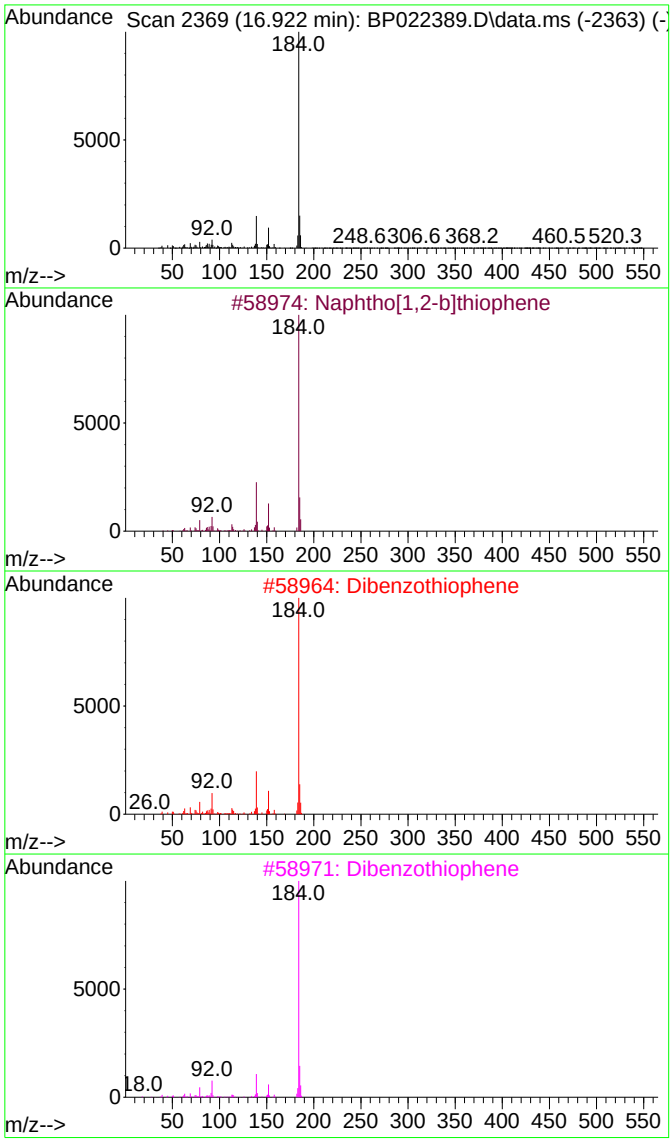
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

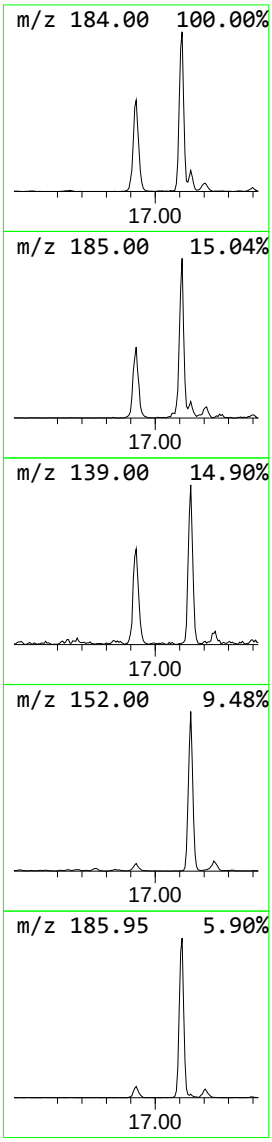
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.922	2.02 ng/ul	146067	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

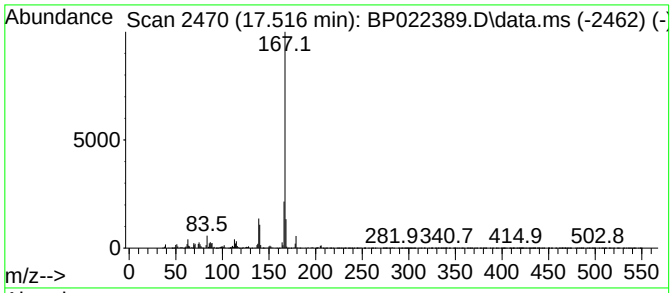
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

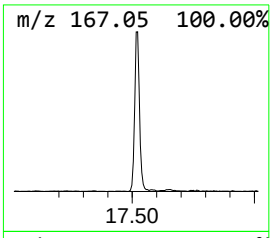
****

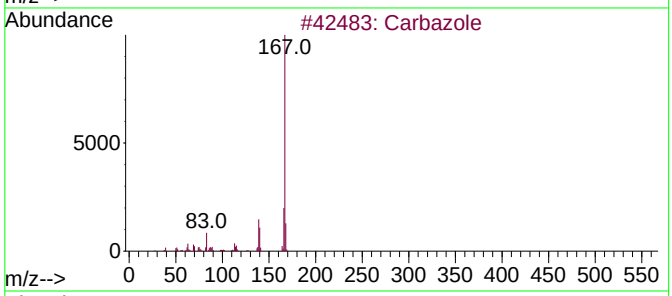
Peak Number 5 Carba zole Concentration Rank 5

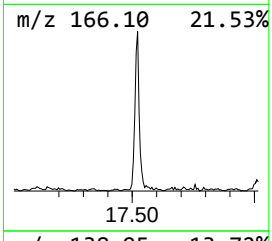
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.516	2.48 ng/ul	179472	Phenanthrene-d10	17.110

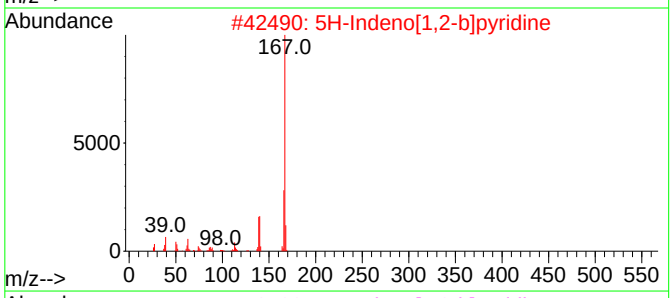
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4	Carbazole	167	C12H9N	000086-74-8	90
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87

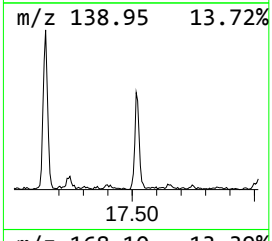


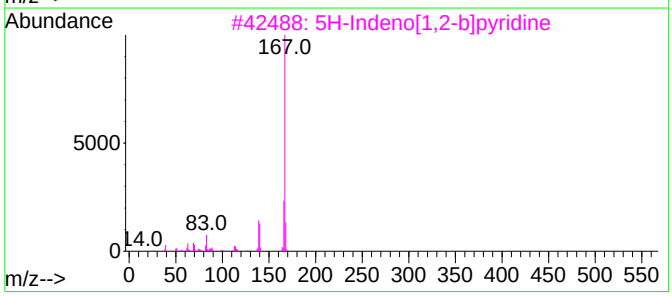


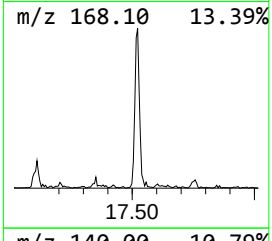


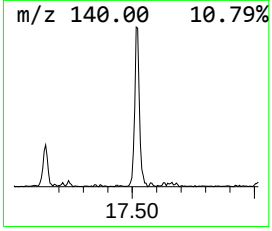












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

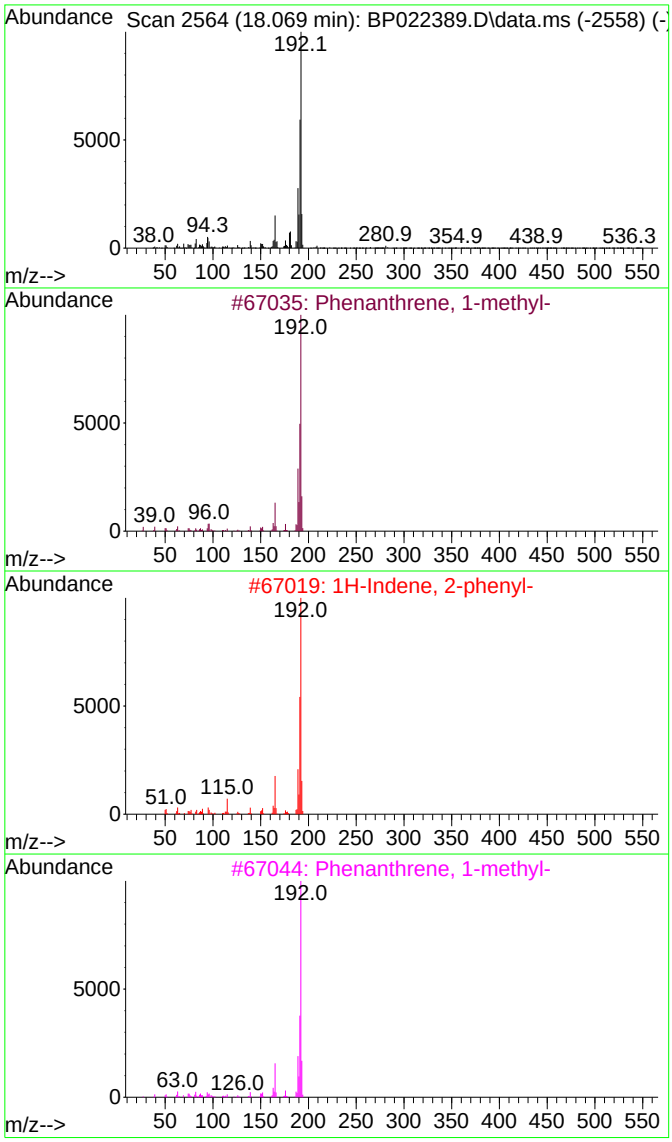
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

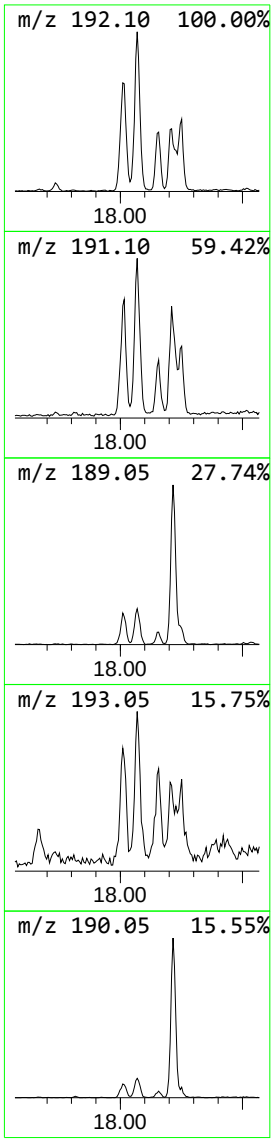
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	2.51 ng/ul	182192	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

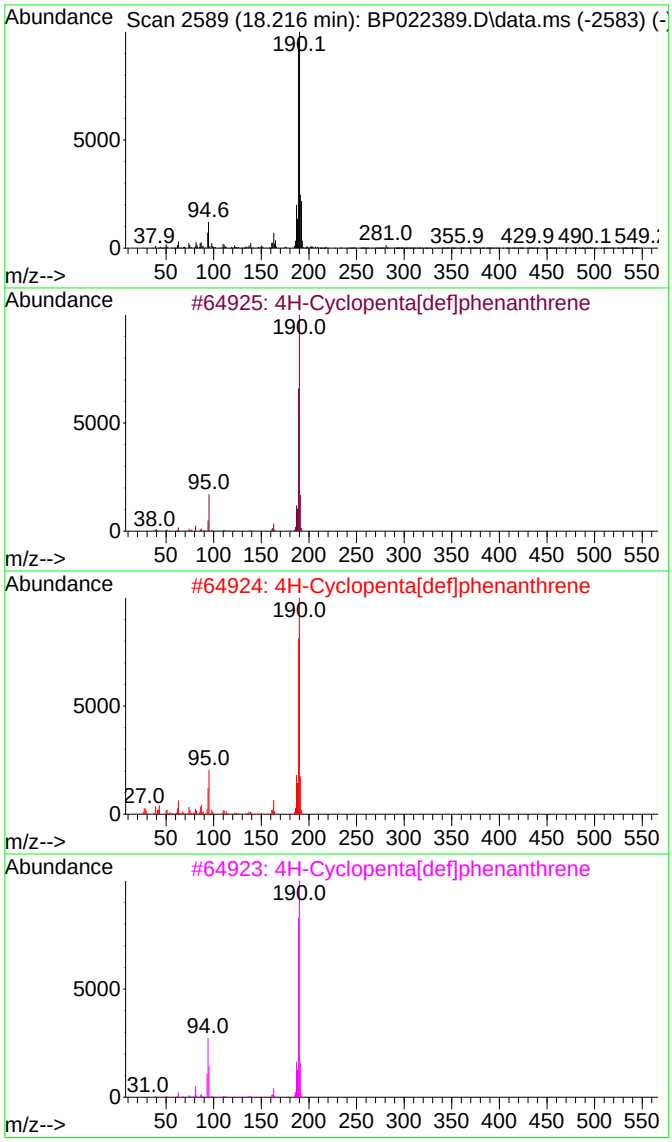
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

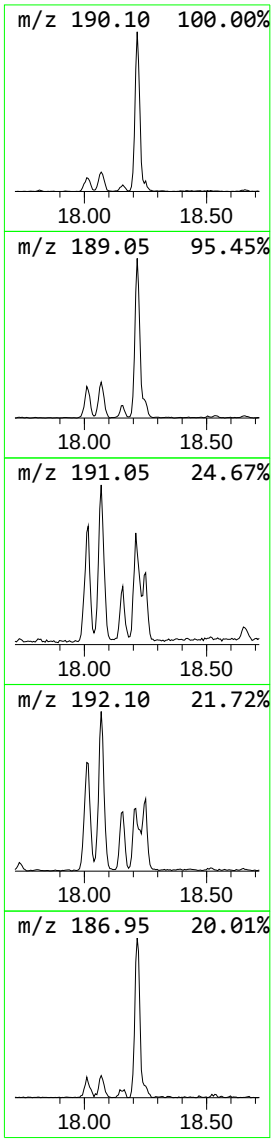
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	3.46 ng/ul	250708	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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
Biphenyl	13.128	2.6	ng/ul	131637	3	14.310	1020320	20.0
Dibenzo furan	14.716	9.3	ng/ul	471830	3	14.310	1020320	20.0
Dibenzofuran, 4...	15.681	2.0	ng/ul	103448	3	14.310	1020320	20.0
Naphtho[1,2-b]t...	16.922	2.0	ng/ul	146067	4	17.110	1449390	20.0
Carba zole	17.516	2.5	ng/ul	179472	4	17.110	1449390	20.0
Phenanthrene, 1...	18.069	2.5	ng/ul	182192	4	17.110	1449390	20.0
4H-Cyclopenta[d...	18.216	3.5	ng/ul	250708	4	17.110	1449390	20.0