LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

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-BM120722.M
Title : SVOA CALIBRATION

Signal : TIC: BM037914.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.234	649	654	664	rVB	93501	154096	0.91%	0.148%
2	7.404	677	683	689	rBV	73688	118025	0.70%	0.113%
3	7.610	711	718	724	rVB	95253	155219	0.92%	0.149%
4	8.081	791	798	806	rBV	965646	1482031	8.76%	1.419%
5	8.622	885	890	901	rBV	71048	140664	0.83%	0.135%
6	8.792	913	919	926	rBV	107960	174487	1.03%	0.167%
7	9.251	990	997	1007	rVB	82951	149206	0.88%	0.143%
8	9.981	1115	1121	1131	rVB	60871	103831	0.61%	0.099%
9	10.522	1206	1213	1220	rVB	97453	166592	0.98%	0.160%
10	10.904	1267	1278	1283	rBV	1250152	2090665	12.36%	2.002%
11	10.951	1283	1286	1295	rVB	198628	312863	1.85%	0.300%
12	11.039	1295	1301	1312	rBV2	62967	144926	0.86%	0.139%
13	12.551	1552	1558	1564	rVB	122105	190232	1.12%	0.182%
14	12.674	1574	1579	1585	rBV3	20054	43900	0.26%	0.042%
15	12.774	1590	1596	1603	rVB2	64682	118633	0.70%	0.114%
16	13.527	1720	1724	1725	rVV2	31123	39409	0.23%	0.038%
17	13.551	1725	1728	1733	rVB	39458	55362	0.33%	0.053%
18	13.880	1777	1784	1792	rBV5	26435	70645	0.42%	0.068%
19	14.033	1801	1810	1816	rBV6	31705	86063	0.51%	0.082%
20	14.116	1816	1824	1830	rBV	174719	273112	1.61%	0.262%
21	14.174	1830	1834	1838	rVB3	35662	56020	0.33%	0.054%
22	14.239	1839	1845	1849	rBV	101040	161120	0.95%	0.154%
23	14.410	1868	1874	1876	rBV	193331	322496	1.91%	0.309%
24	14.433	1876	1878	1889	rVB	240476	383219	2.27%	0.367%
25	14.592	1900	1905	1909	rBV	158899	203735	1.20%	0.195%
26	14.710	1914	1925	1932	rVV	1685437	2565004	15.16%	2.456%
27	14.774	1932	1936	1945	rVB	182521	287749	1.70%	0.276%
28	14.910	1953	1959	1968	rVB6	44486	127313	0.75%	0.122%
29	15.104	1985	1992	1997	rBV	239012	383708	2.27%	0.367%
30	15.204	2006	2009	2015	rVB5	32181	50505	0.30%	0.048%
31	15.327	2025	2030	2035	rBV	64585	102971	0.61%	0.099%
32	15.486	2052	2057	2061	rBV5	24944	56390	0.33%	0.054%
33	15.533	2061	2065	2070	rVB	206599	263180	1.56%	0.252%
34	15.698	2088	2093	2098	rBV	262878	363871	2.15%	0.348%
35	15.751	2098	2102	2109	rVV	374561	577366	3.41%	0.553%
36	15.815	2110	2113	2120	rVB5	46000	98229	0.58%	0.094%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

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-BM120722.M
Title : SVOA CALIBRATION

37	15.939	2127	2134	2138	rBV	113915	236016	1.40%	0.226%
38	16.039	2148	2151	2157	rVB3	53978	94044	0.56%	0.090%
39	16.092	2157	2160	2165	rVB4	34232	46950	0.28%	0.045%
40	16.157	2169	2171	2174	rVV3	41017	52934	0.31%	0.051%
41	16.192	2174	2177	2183	rVB	49619	94893	0.56%	0.091%
42	16.398	2207	2212	2214	rBV	392636	548691	3.24%	0.525%
43	16.421	2214	2216	2229	rVB4	313196	488799	2.89%	0.468%
44	16.745	2267	2271	2276	rBV6	61154	120537	0.71%	0.115%
45	16.798	2278	2280	2286	rVB5	57873	71173	0.42%	0.068%
46	16.851	2287	2289	2293	rVB3	45212	45893	0.27%	0.044%
47	16.904	2295	2298	2304	rBV3	56688	80580	0.48%	0.077%
48	16.974	2307	2310	2313	rBV3	43513	54491	0.32%	0.052%
49	17.104	2328	2332	2337	rVB	147338	192179	1.14%	0.184%
50	17.186	2342	2346	2351	rBV	444504	567367	3.35%	0.543%
51	17.239	2351	2355	2358	rBV	230508	299174	1.77%	0.287%
52	17.451	2385	2391	2395	rBV	2004684	2893617	17.11%	2.771%
53	17.492	2395	2398	2404	rVB	1696025	2270634	13.42%	2.175%
54	17.551	2404	2408	2409	rBV	259837	304265	1.80%	0.291%
55	17.586	2409	2414	2420	rVB	6499405	9034127	53.41%	8.652%
56	17.727	2435	2438	2444	rVB3	112393	177477	1.05%	0.170%
57	17.851	2455	2459	2468	rVV	797701	1124208	6.65%	1.077%
58	17.927	2468	2472	2476	rVB	478849	548313	3.24%	0.525%
59	18.327	2536	2540	2544	rVB	188901	220425	1.30%	0.211%
60	18.374	2544	2548	2554	rVB2	253582	353116	2.09%	0.338%
61	18.456	2558	2562	2567	rVB	254832	369848	2.19%	0.354%
62	18.527	2568	2574	2577	rBV2	555365	870854	5.15%	0.834%
63	18.615	2585	2589	2594	rVB	475399	554941	3.28%	0.531%
64	18.715	2602	2606	2615	rBV	173140	276809	1.64%	0.265%
65	18.862	2627	2631	2636	rBV	540736	680576	4.02%	0.652%
66	19.245	2692	2696	2701	rVB2	407897	504396	2.98%	0.483%
67	19.380	2714	2719	2727	rBV	3011463	4122515	24.37%	3.948%
68	19.498	2734	2739	2745	rVB	3160166	4195941	24.81%	4.018%
69	19.598	2752	2756	2761	rVB	297240	382860	2.26%	0.367%
70	19.868	2797	2802	2809	rVB	11956759	16914647	100.00%	16.199%
71	20.039	2828	2831	2836	rBV2	126745	183063	1.08%	0.175%
72	20.103	2837	2842	2848	rVB	1363777	1884588	11.14%	1.805%
73	20.180	2851	2855	2856	rBV3	167101	231601	1.37%	0.222%
74	20.333	2873	2881	2888	rVB3	817672	2142295	12.67%	2.052%
75	20.398	2889	2892	2896	rBV	325908	413227	2.44%	0.396%
76	20.450	2897	2901	2904	rBV2	296810	385864	2.28%	0.370%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

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-BM120722.M
Title : SVOA CALIBRATION

77	20.509	2905	2911	2915	rVV2	776913	1136273	6.72%	1.088%
78	20.650	2931	2935	2939	rBV2	646361	882352	5.22%	0.845%
79	20.698	2939	2943	2950	rVB2	459589	681426	4.03%	0.653%
80	20.845	2965	2968	2974	rVB4	207896	276806	1.64%	0.265%
81	21.097	3007	3011	3018	rBV2	399898	625962	3.70%	0.599%
82	21.268	3037	3040	3042	rBV2	210922	236598	1.40%	0.227%
83	21.303	3043	3046	3049	rVB3	350769	414093	2.45%	0.397%
84	21.339	3049	3052	3057	rVB	974860	1278665	7.56%	1.225%
85	21.397	3058	3062	3072	rVB2	333717	555065	3.28%	0.532%
86	21.480	3074	3076	3085	rVB3	212878	422915	2.50%	0.405%
87	21.574	3089	3092	3094	rBV	433485	603404	3.57%	0.578%
88	21.621	3094	3100	3105	rVV2	2222067	5817776	34.39%	5.572%
89	21.662	3105	3107	3113	rVB2	1454727	1685276	9.96%	1.614%
90	21.786	3125	3128	3135	rVB	589485	900594	5.32%	0.862%
91	21.950	3152	3156	3162	rBV	454998	677295	4.00%	0.649%
92	22.433	3235	3238	3241	rBV2	237833	308157	1.82%	0.295%
93	22.739	3287	3290	3296	rVB2	231578	280862	1.66%	0.269%
94	23.350	3387	3394	3408	rVB	3336636	9369795	55.39%	8.973%
95	23.538	3422	3426	3434	rVB	467305	779478	4.61%	0.746%
96	23.891	3480	3486	3492	rBV	1424903	2759813	16.32%	2.643%
97	23.997	3499	3504	3512	rVB	1762537	3313455	19.59%	3.173%
98	24.109	3517	3523	3528	rVV2	1243523	2581730	15.26%	2.472%
99	24.162	3529	3532	3541	rVB2	601315	1184832	7.00%	1.135%
100	26.697	3957	3963	3969	rBV2	535659	1539093	9.10%	1.474%

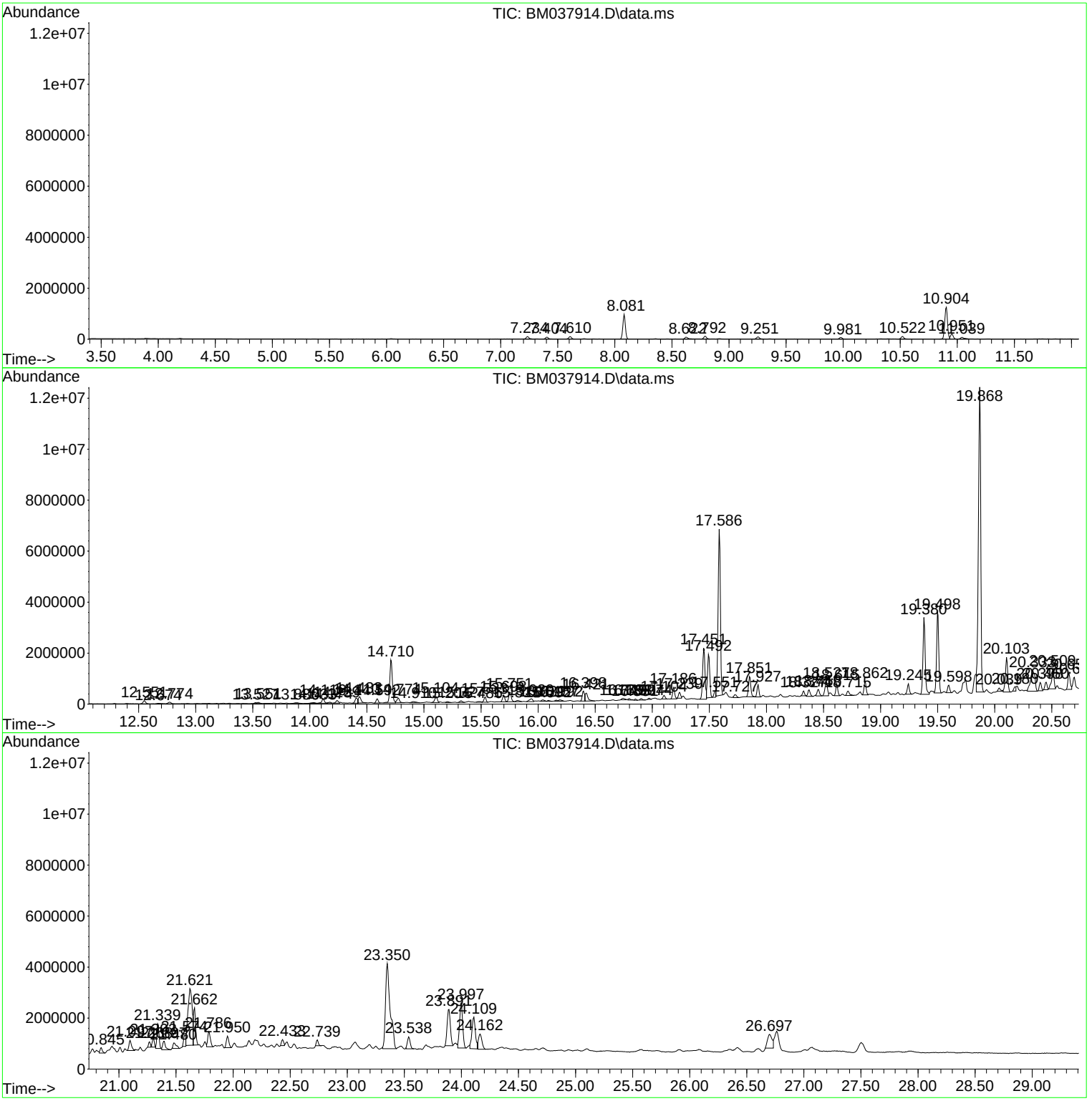
Sum of corrected areas: 104418480

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

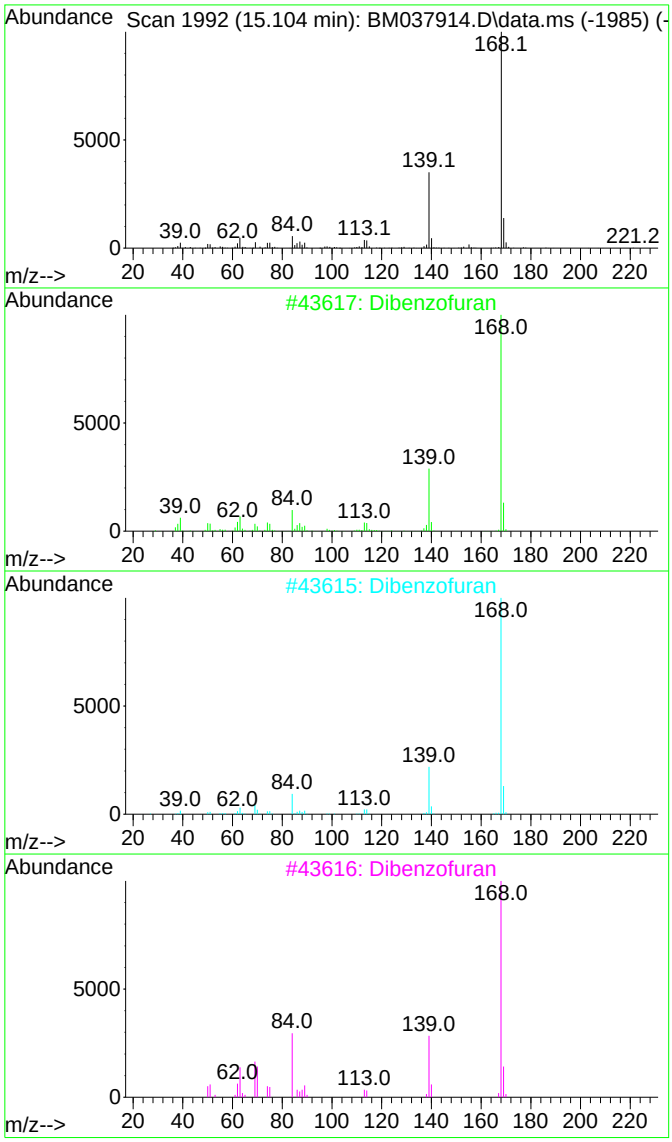
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

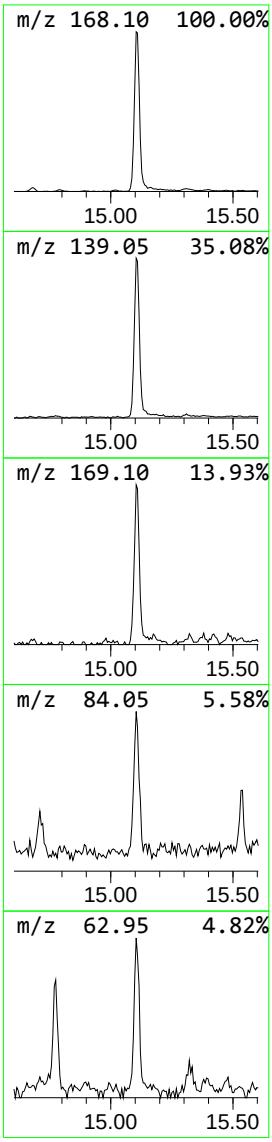
****

Peak Number 1 Dibenzofuran Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	2.99 ng/ul	383708	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	Benzonitrile, 4-(pyrrol-1-yl)-	168	C11H8N2	023351-07-7	59
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

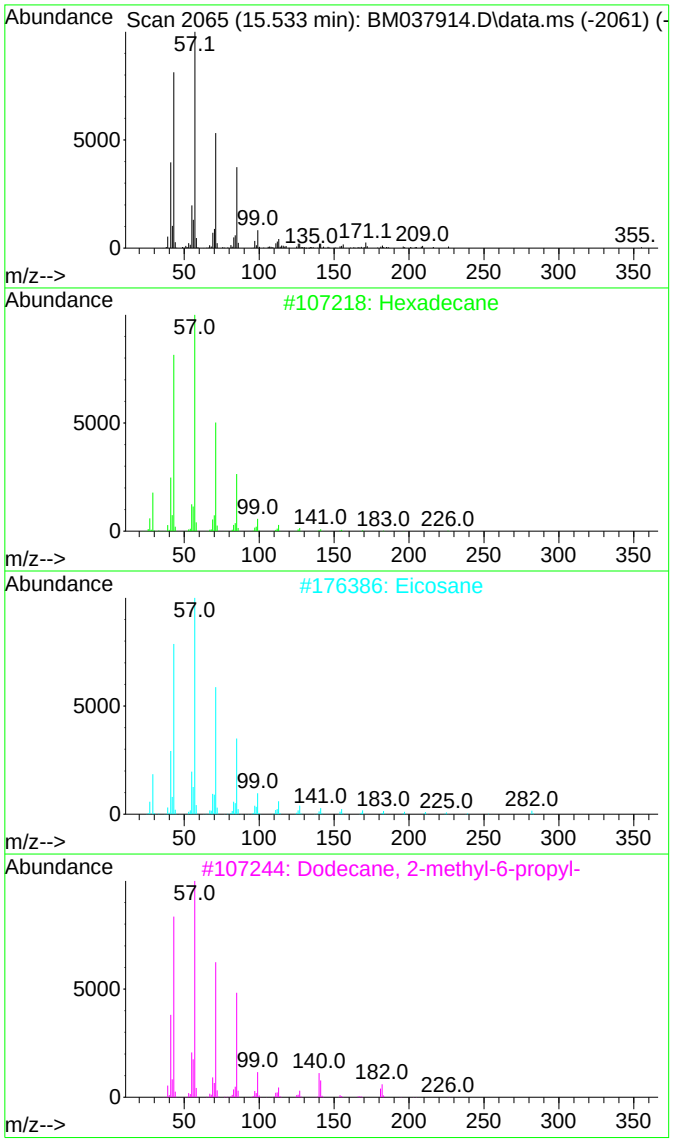
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

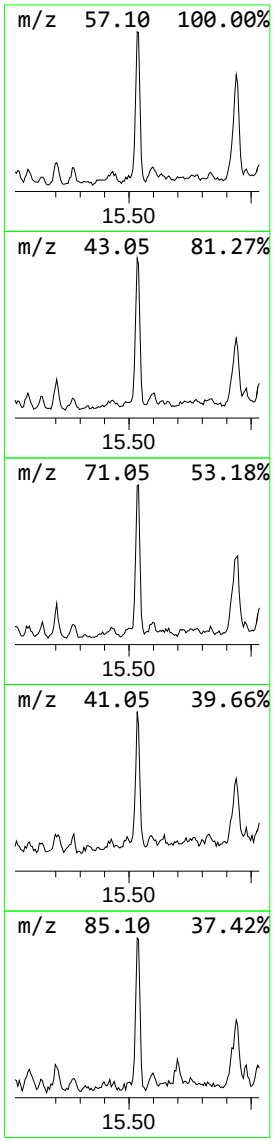
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	2.05 ng/ul	263180	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

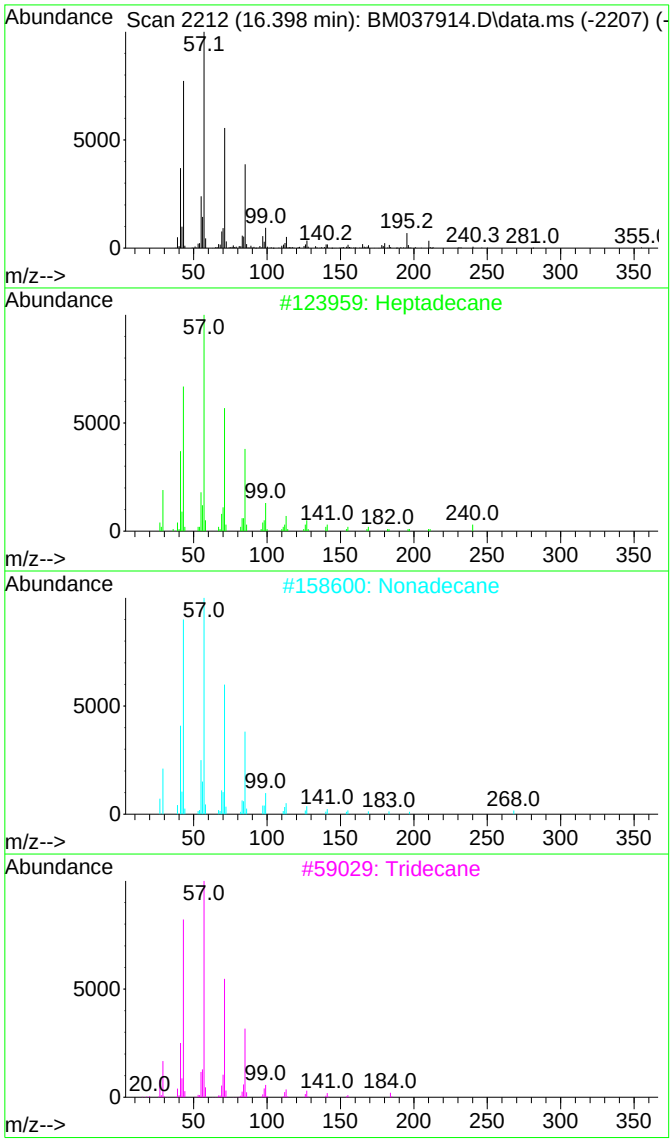
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

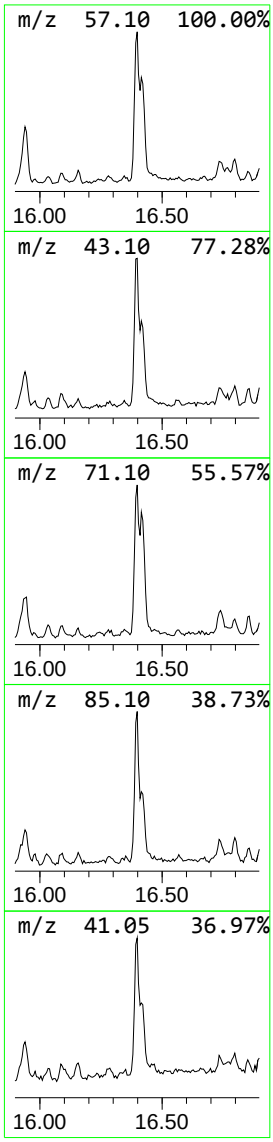
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	3.79 ng/ul	548691	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

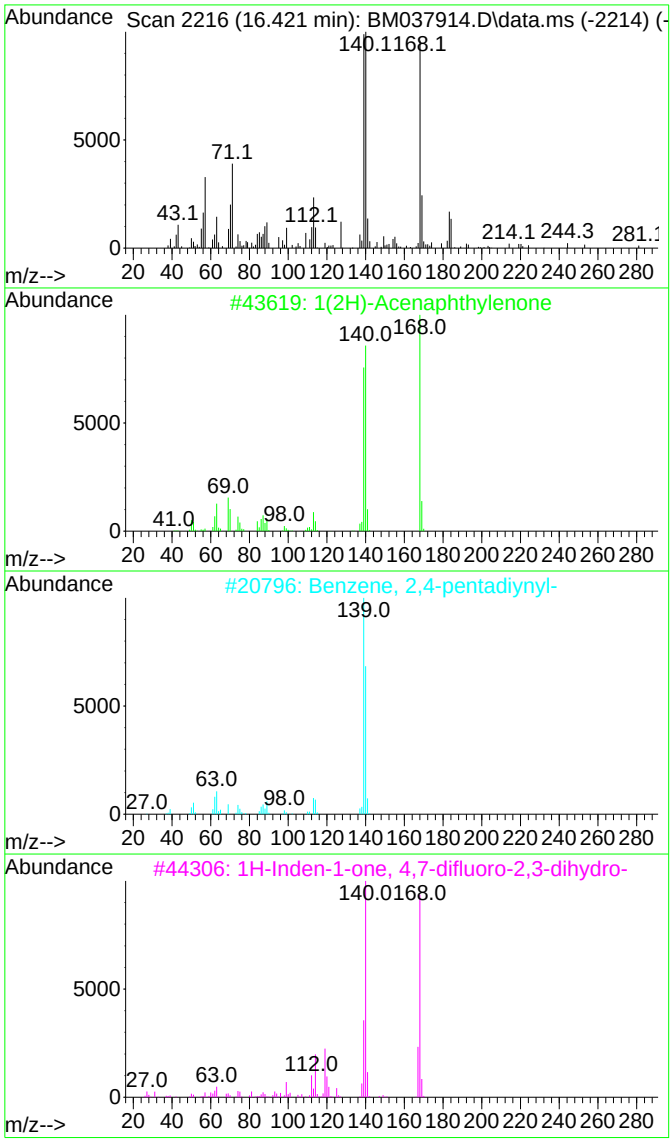
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

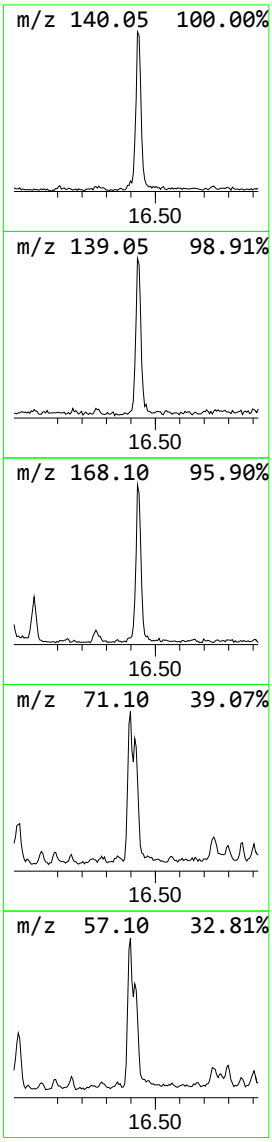
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.421	3.38 ng/ul	488799	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	68
2	Benzene, 2,4-pentadiynyl-	140	C11H8	041268-41-1	45
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	43
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
5	Alanylalanylalanine, N,N',N"-tri...	397	C19H31N3O6	1000329-34-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

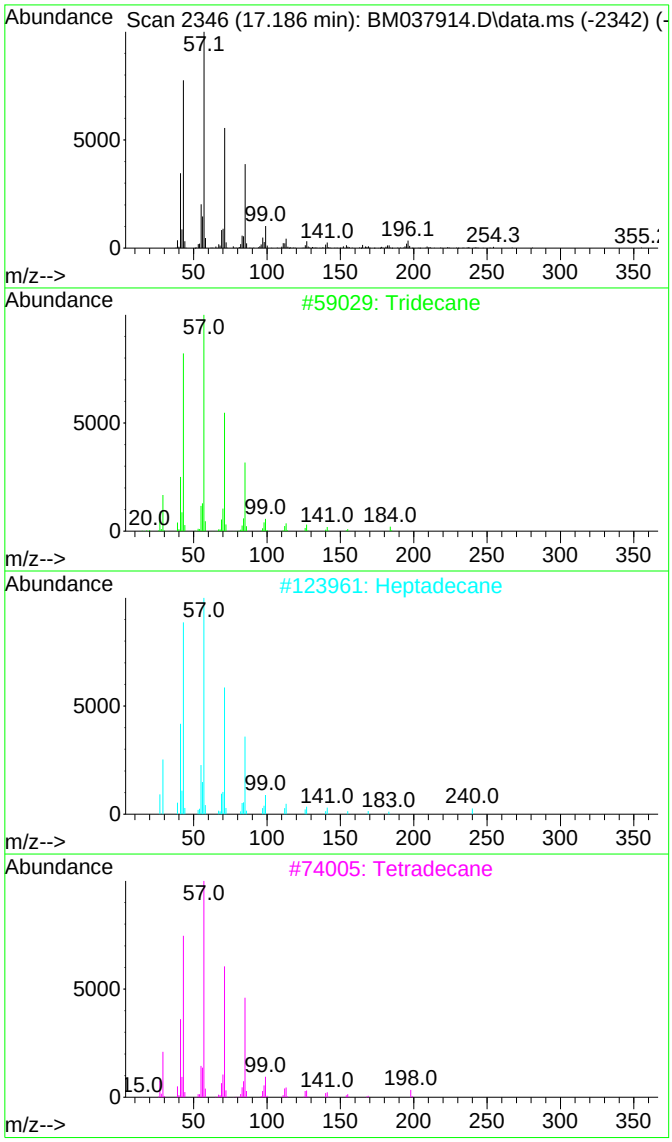
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

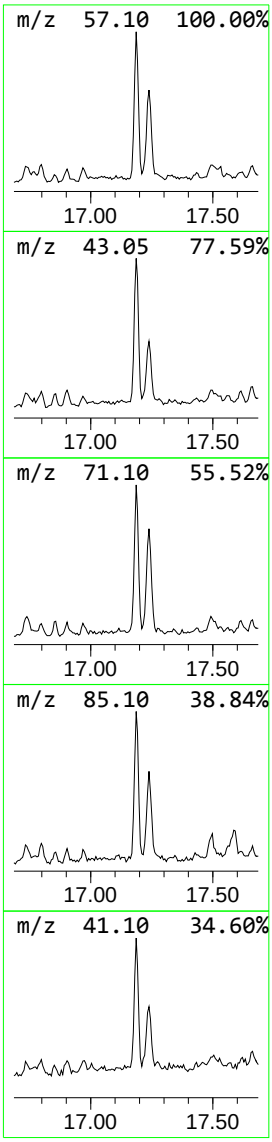
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	3.92 ng/ul	567367	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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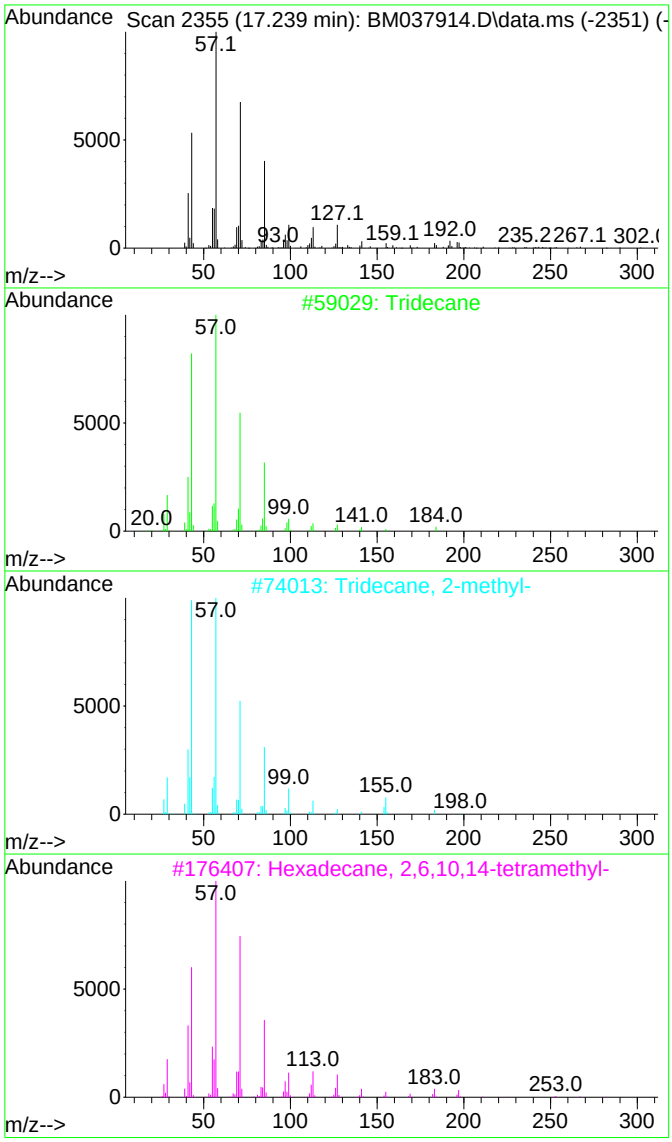
Quant Title : SVOA CALIBRATION

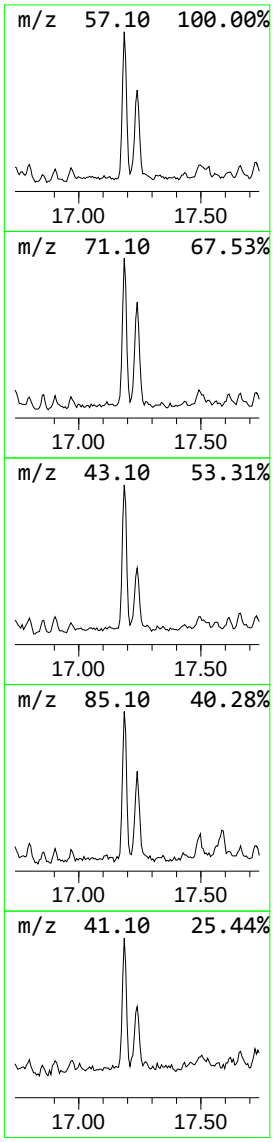
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.239	2.07 ng/ul	299174	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Nonadecane	268	C19H40	000629-92-5	86





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Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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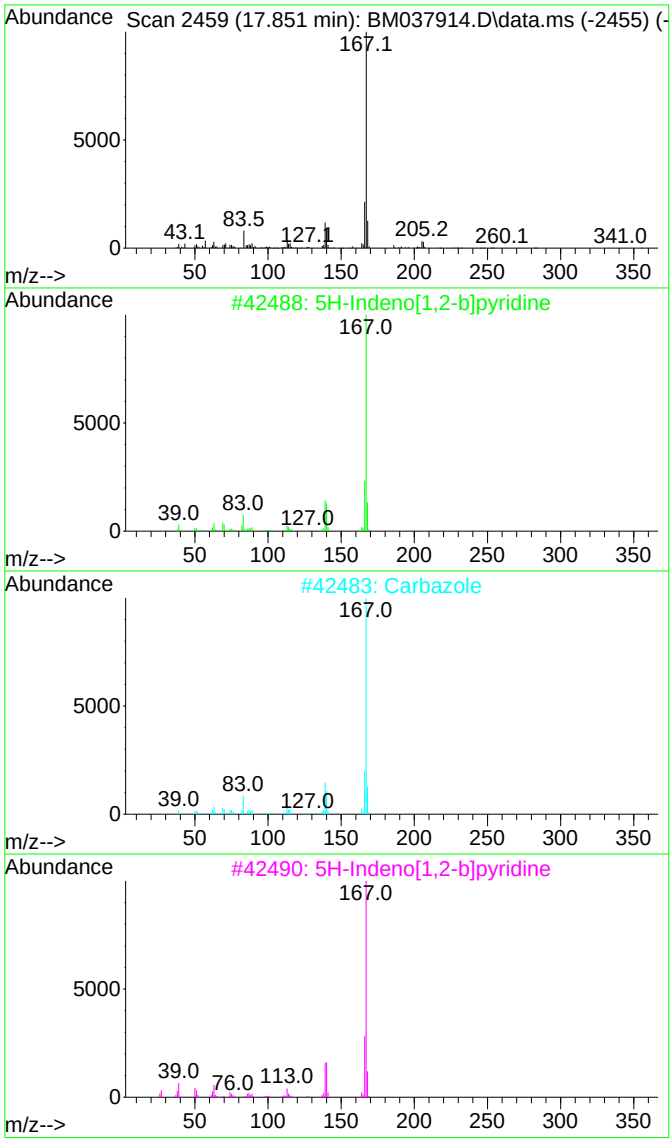
Quant Title : SVOA CALIBRATION

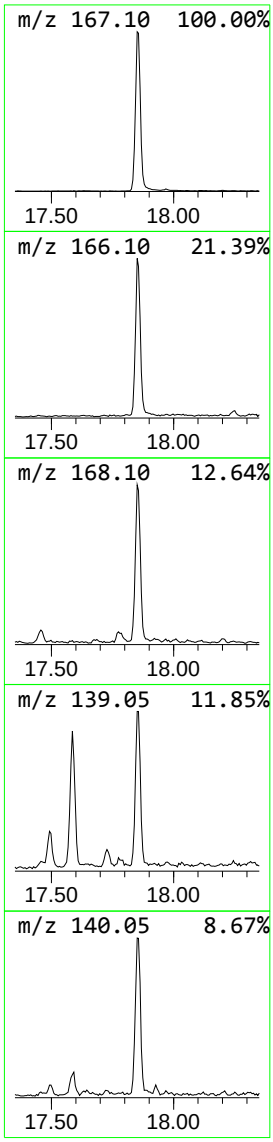
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5H-Indeno[1,2-b]pyridine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	7.77 ng/ul	1124210	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	2-Azafluorene	167	C12H9N	000244-40-6	86





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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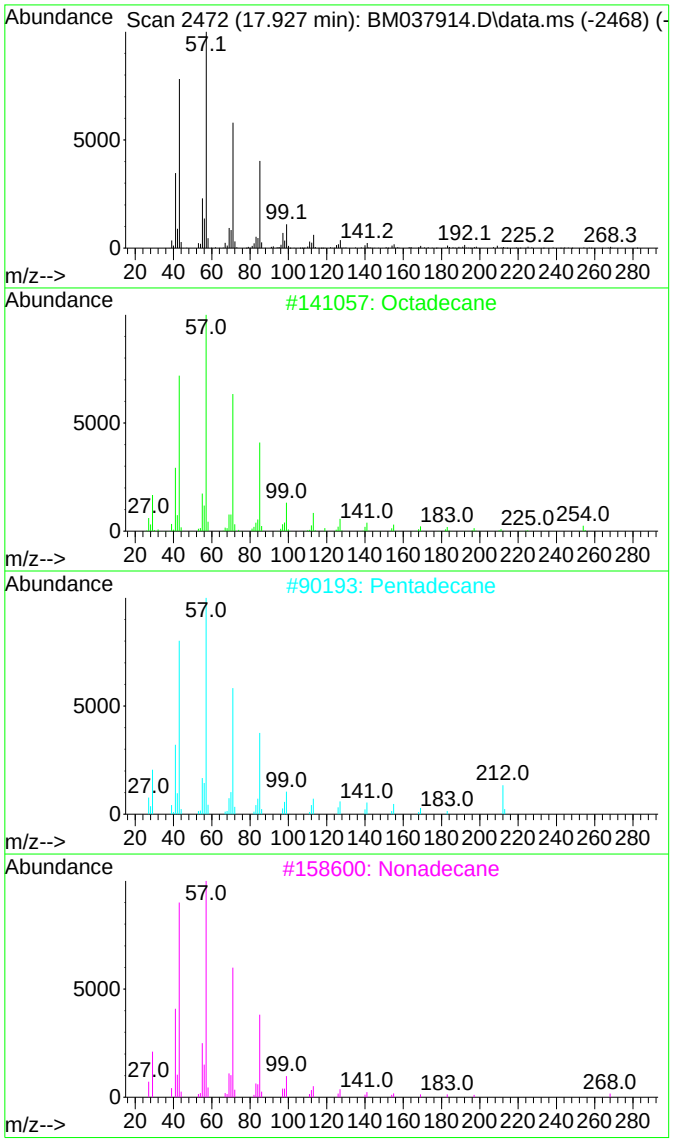
Quant Title : SVOA CALIBRATION

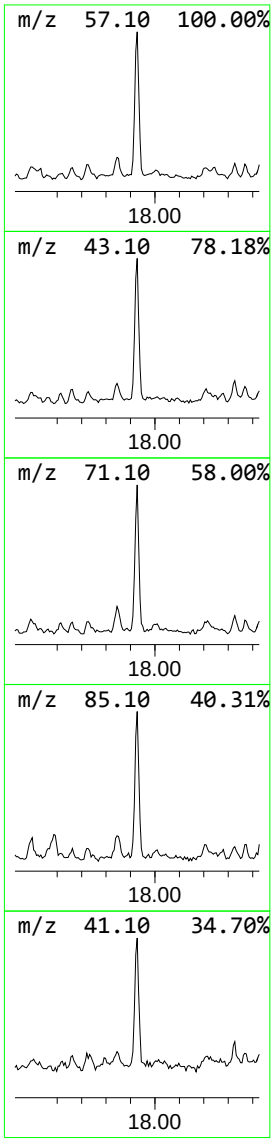
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	3.79 ng/ul	548313	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Pentadecane	212	C15H32	000629-62-9	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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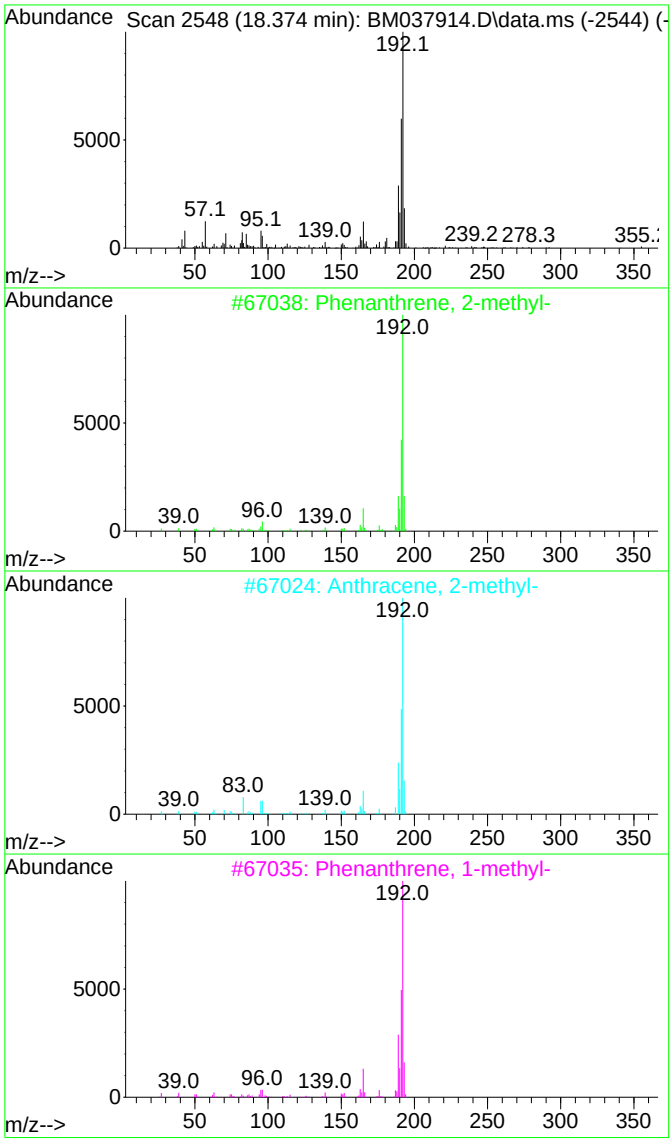
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

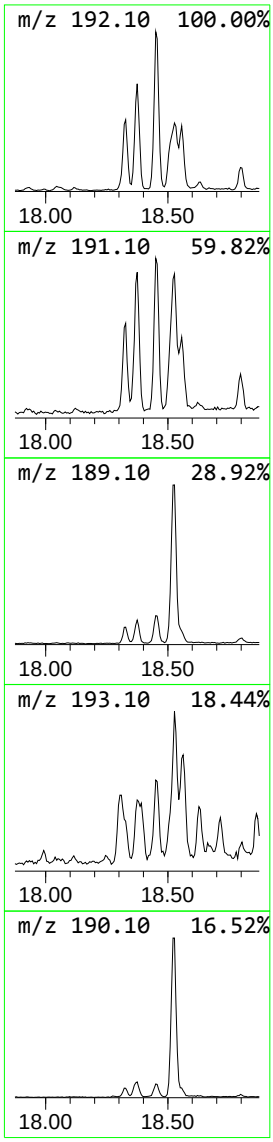
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	2.44 ng/ul	353116	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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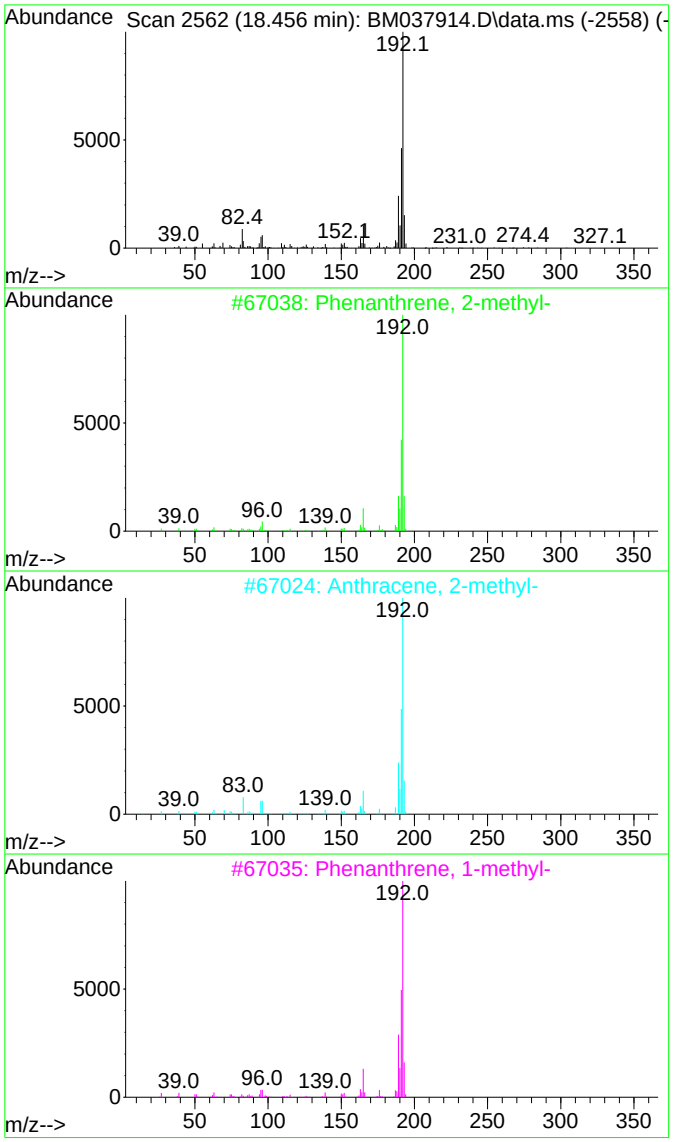
Quant Title : SVOA CALIBRATION

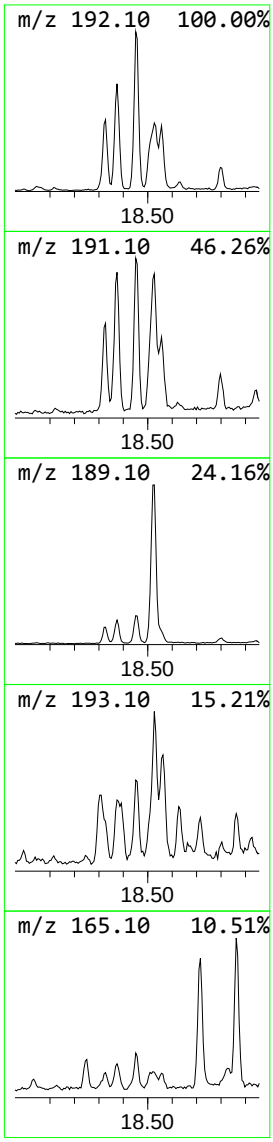
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	2.56 ng/ul	369848	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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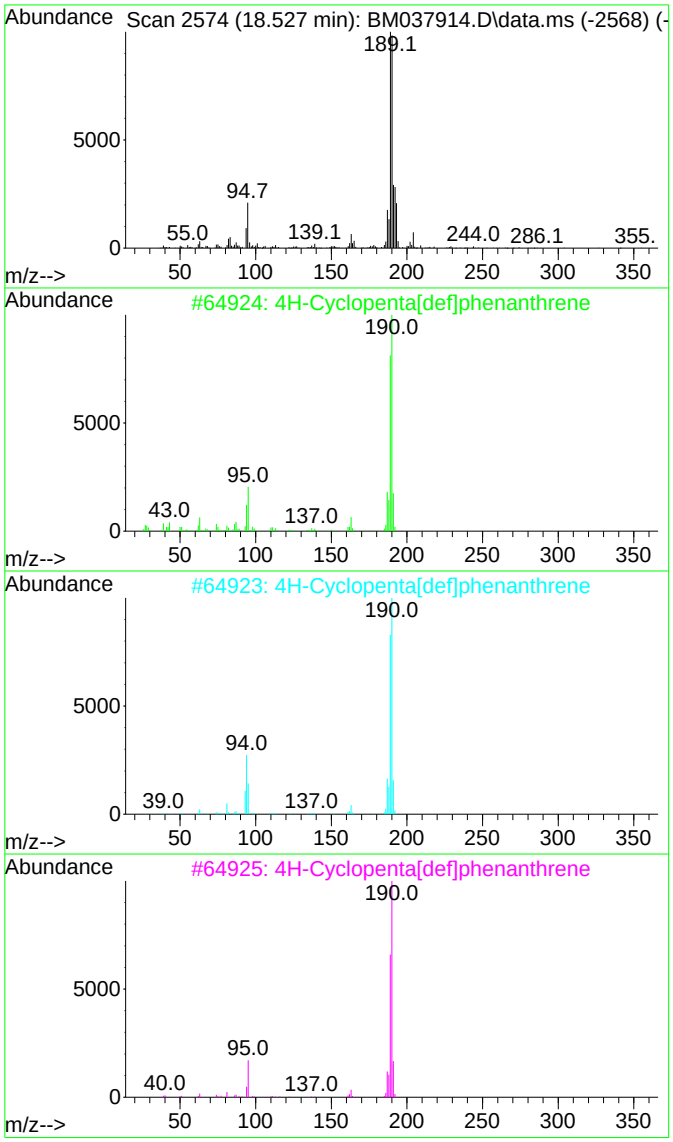
Quant Title : SVOA CALIBRATION

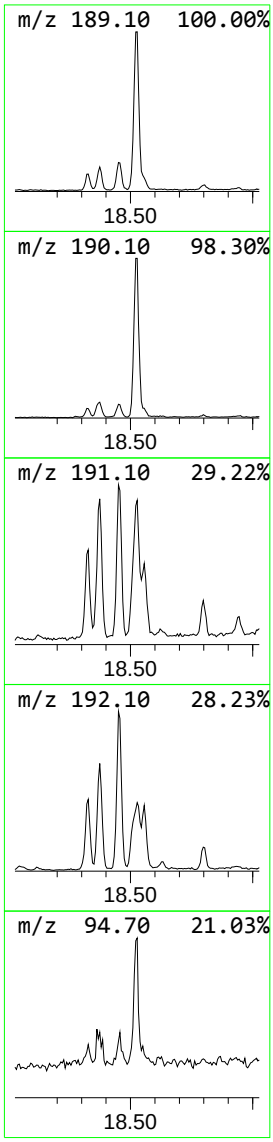
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	6.02 ng/ul	870854	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





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Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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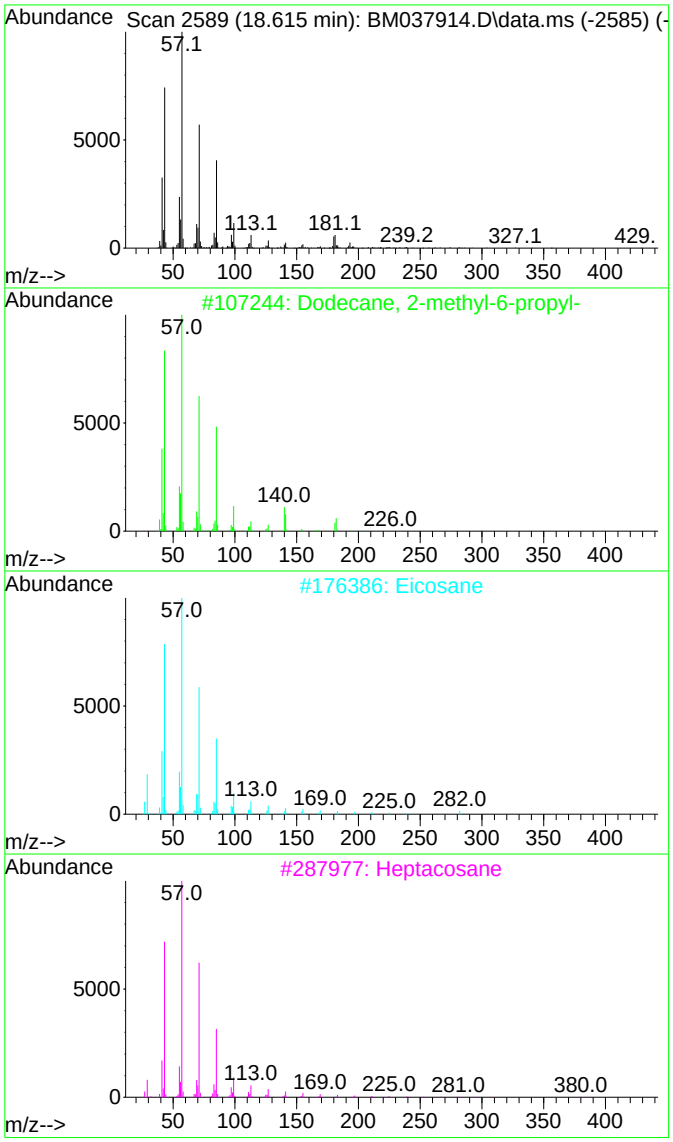
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

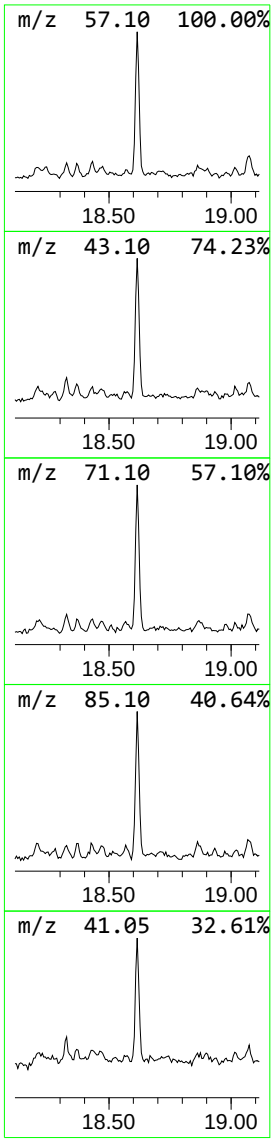
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	3.84 ng/ul	554941	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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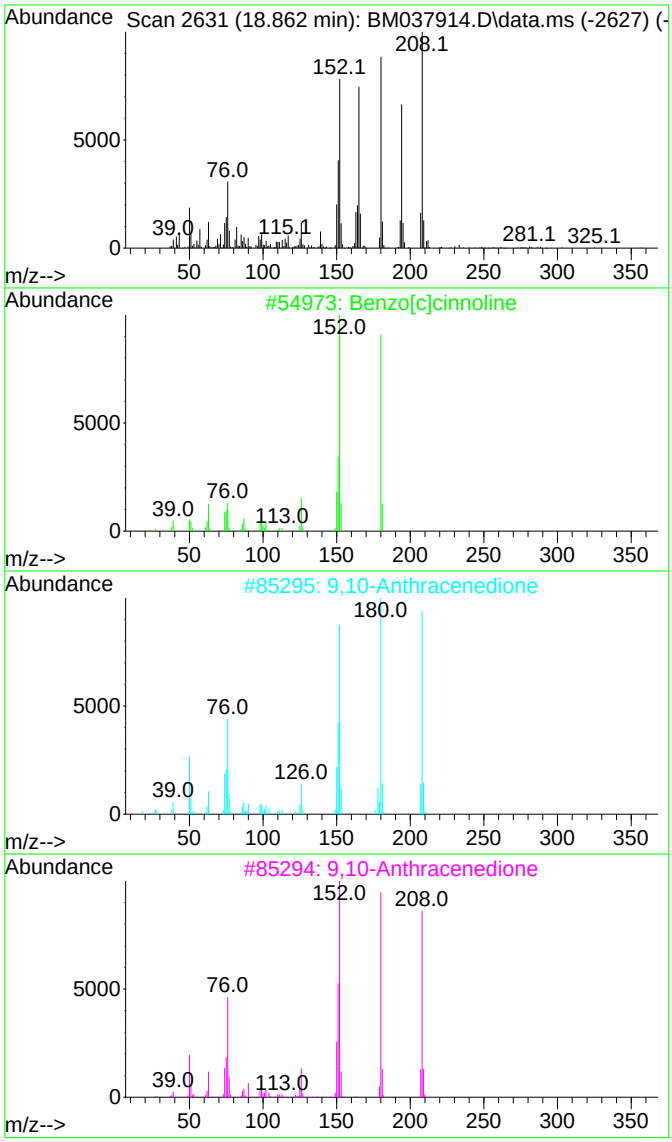
Quant Title : SVOA CALIBRATION

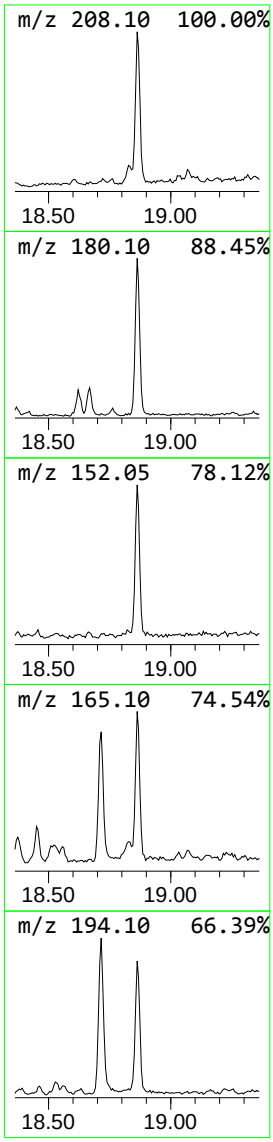
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[c]cinnoline Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	4.70 ng/ul	680576	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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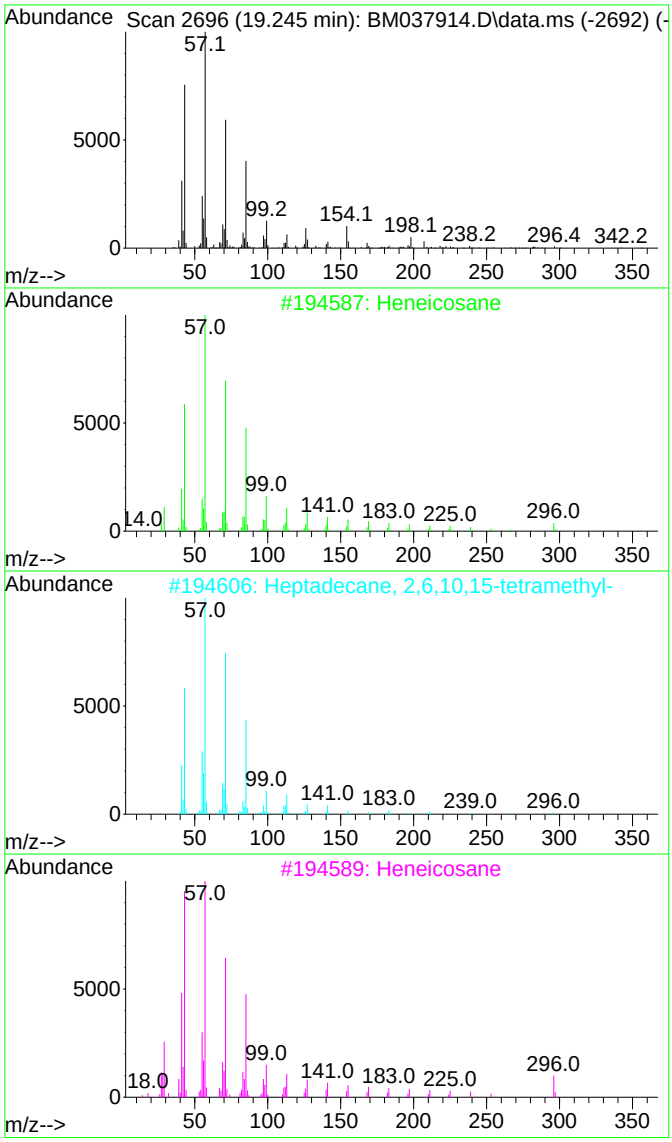
Quant Title : SVOA CALIBRATION

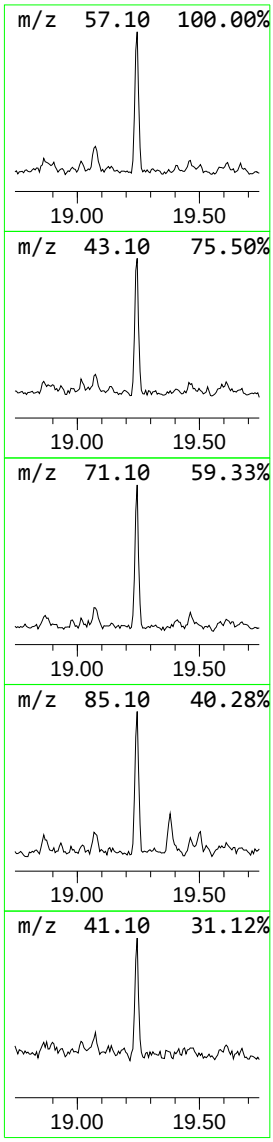
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	3.49 ng/ul	504396	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heneicosane	296	C21H44	000629-94-7	83





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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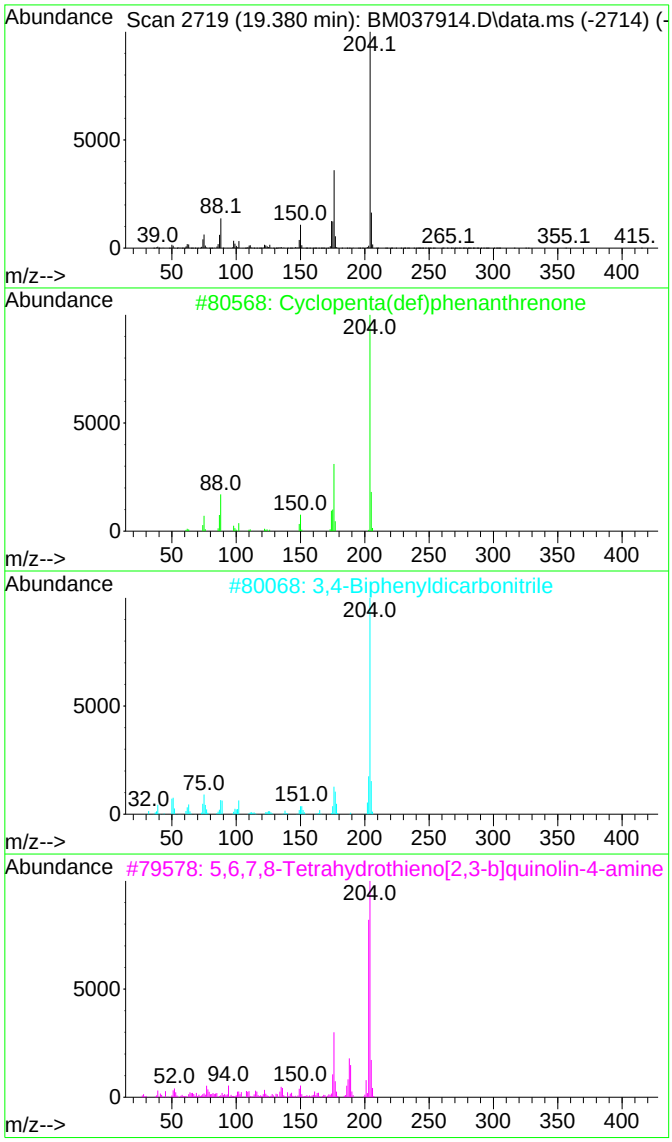
Quant Title : SVOA CALIBRATION

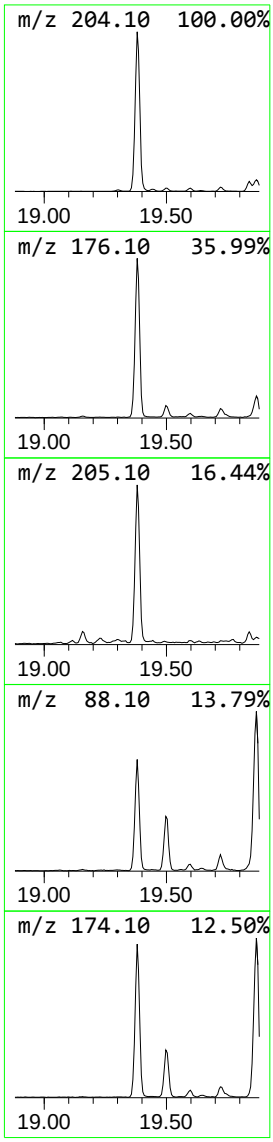
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	28.49 ng/ul	4122520	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	72
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	64
5	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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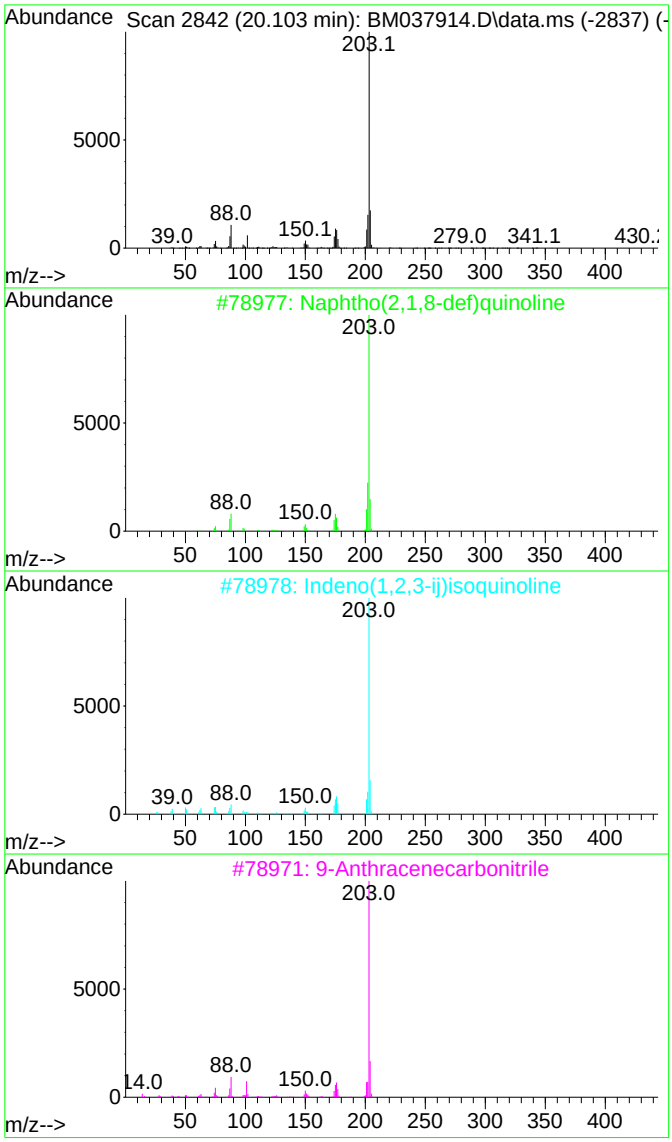
Quant Title : SVOA CALIBRATION

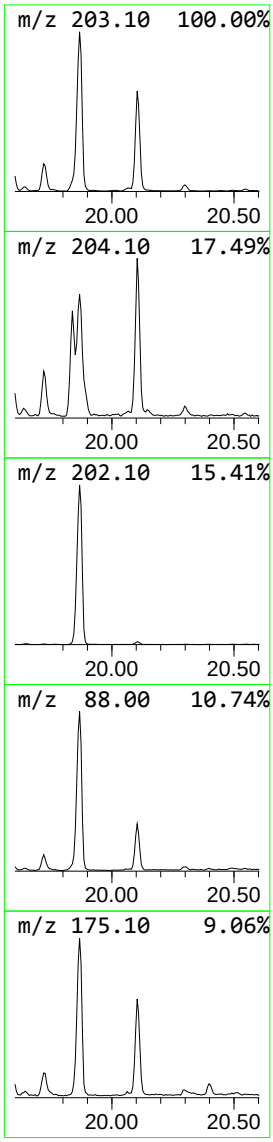
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphtho(2,1,8-def)quinoline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.103	6.48 ng/ul	1884590	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95





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Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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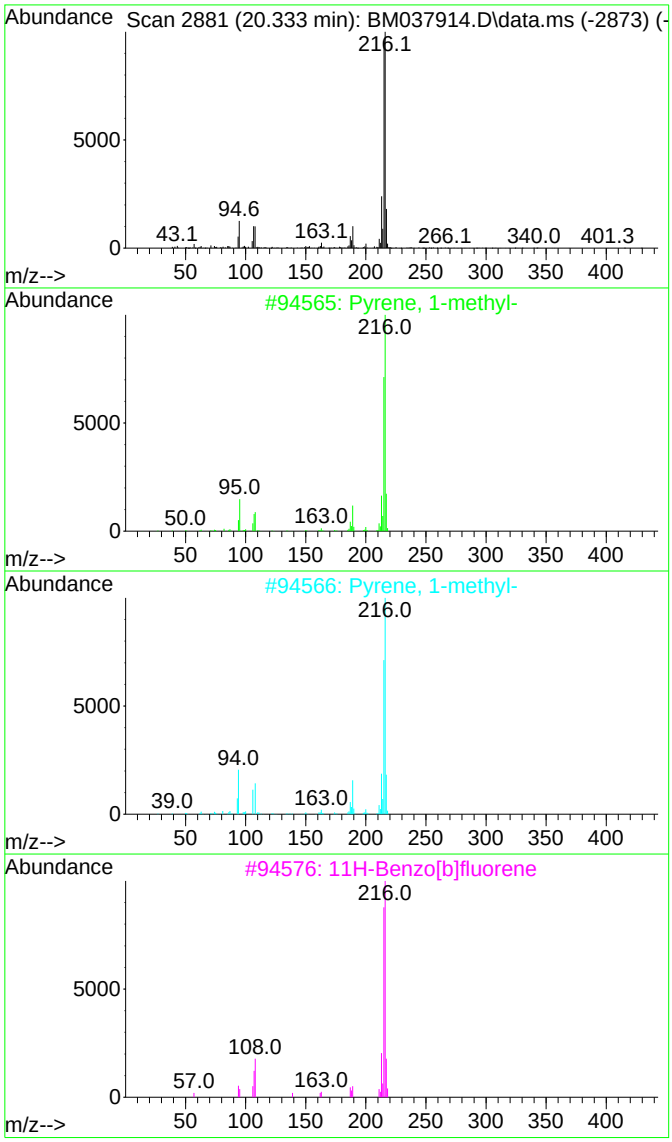
Quant Title : SVOA CALIBRATION

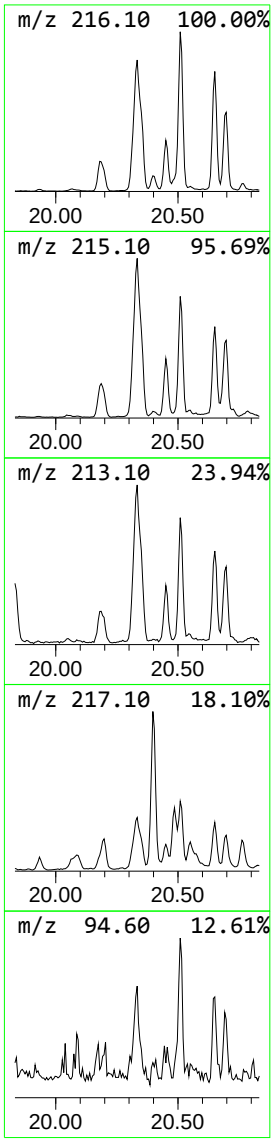
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	7.36 ng/ul	2142300	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

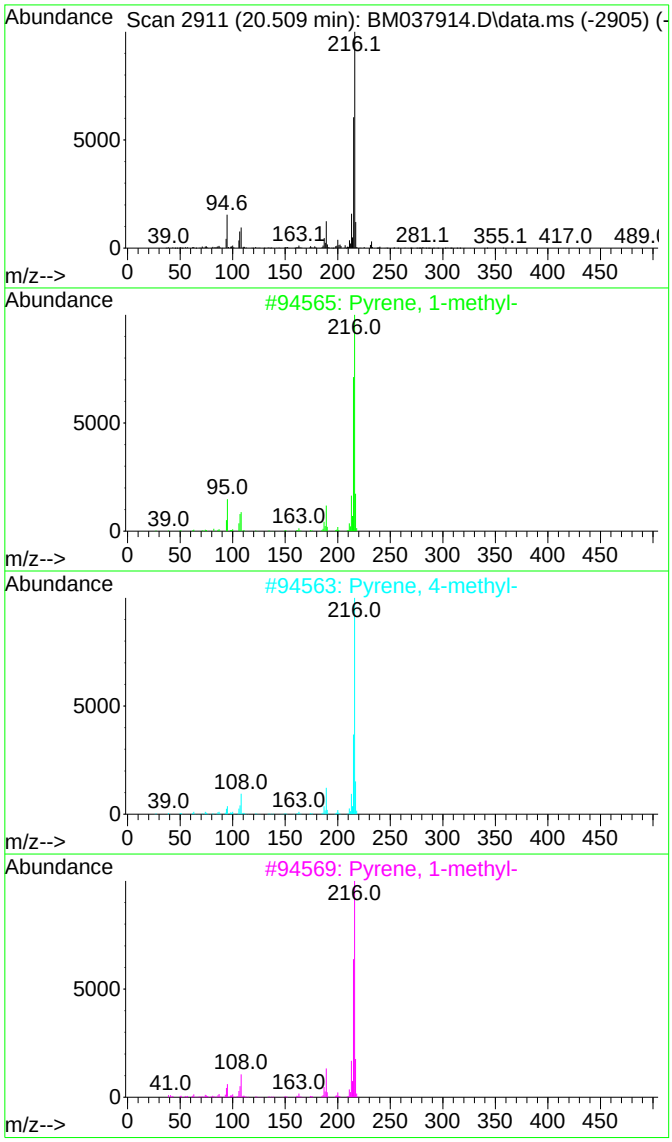
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

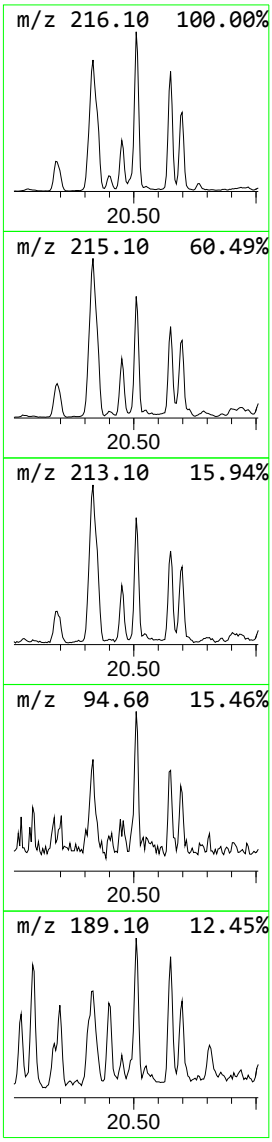
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.509	3.91 ng/ul	1136270	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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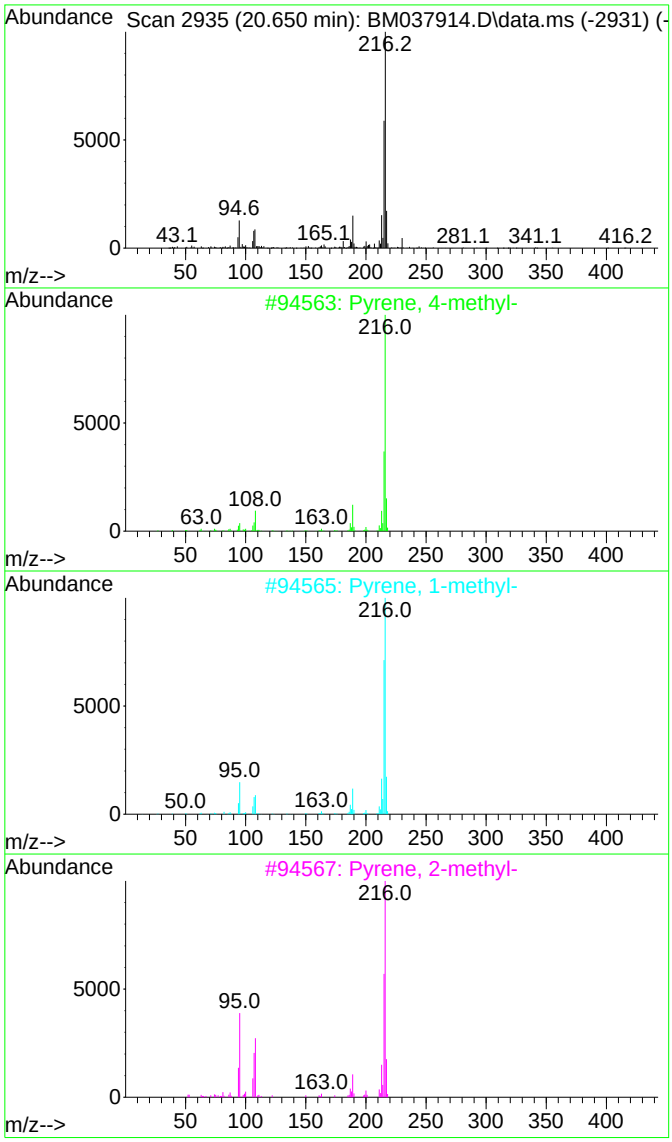
Quant Title : SVOA CALIBRATION

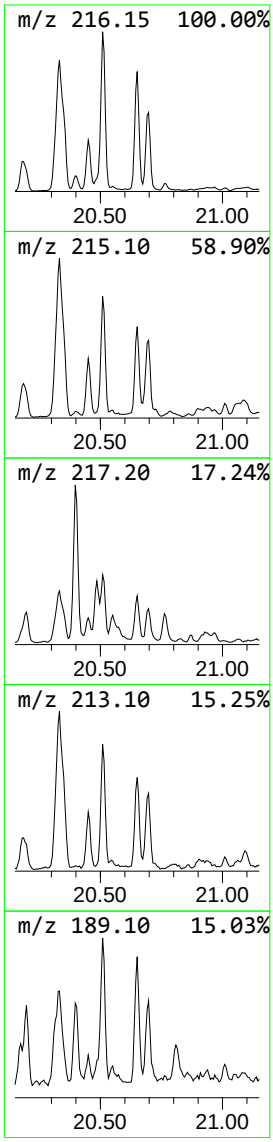
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.650	3.03 ng/ul	882352	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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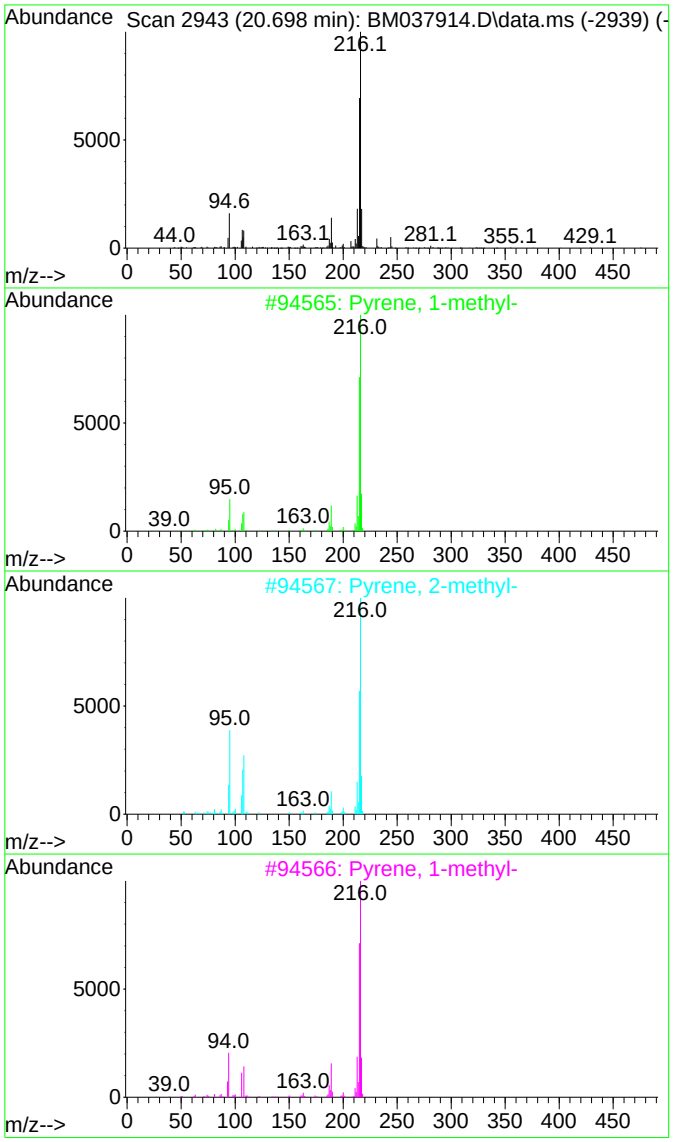
Quant Title : SVOA CALIBRATION

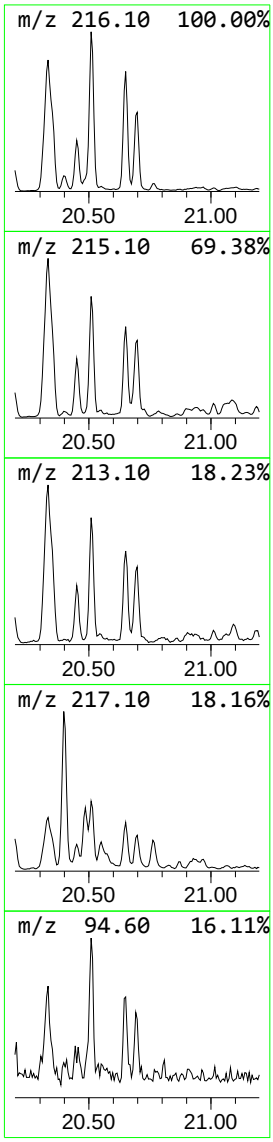
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.698	2.34 ng/ul	681426	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

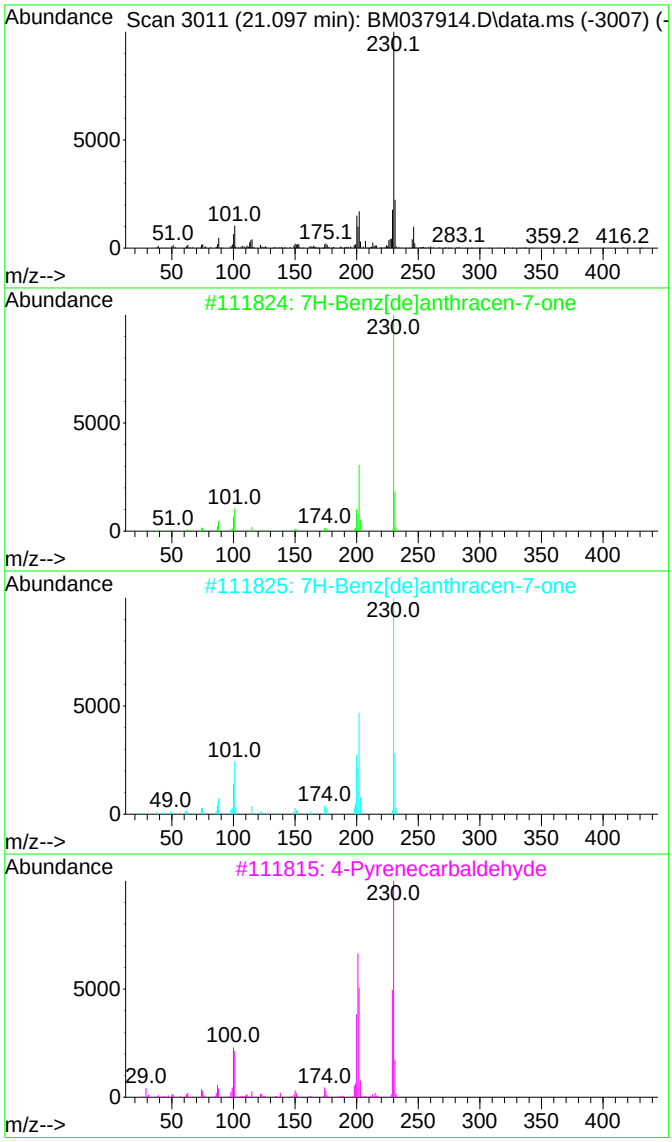
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

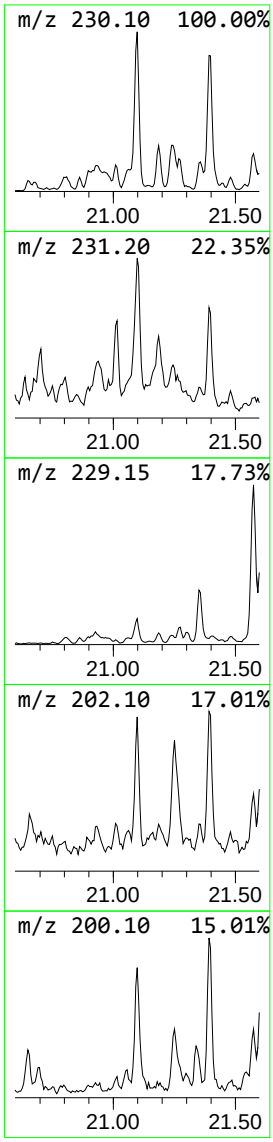
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 7H-Benz[de]anthracen-7-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.098	2.15 ng/ul	625962	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	68
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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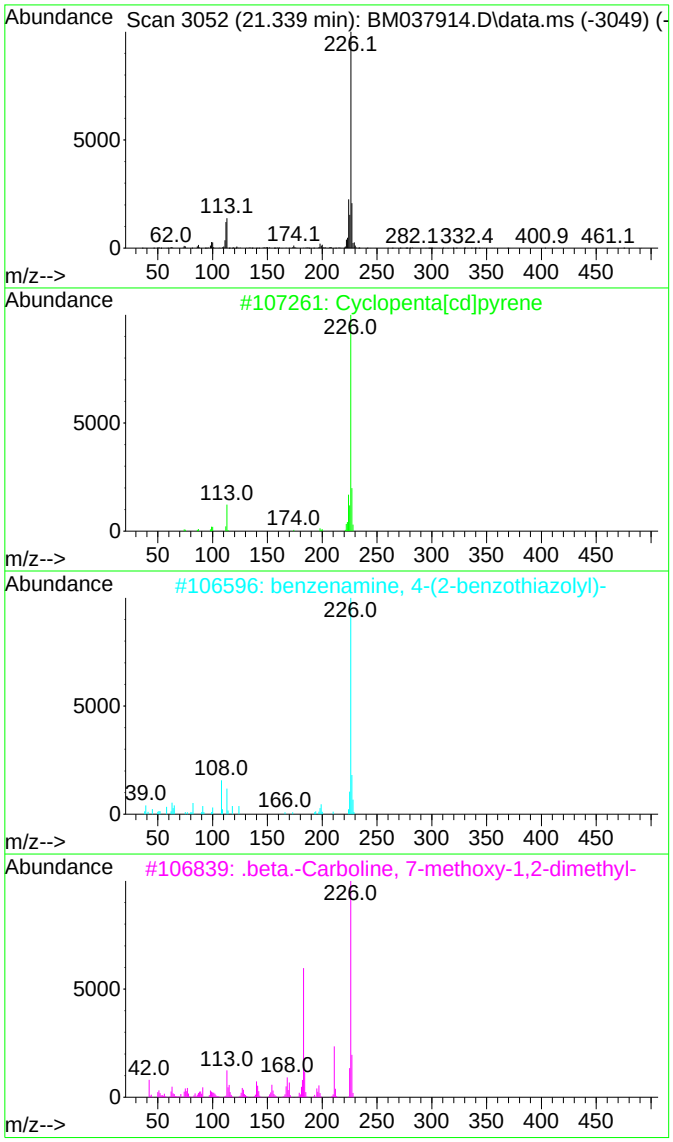
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

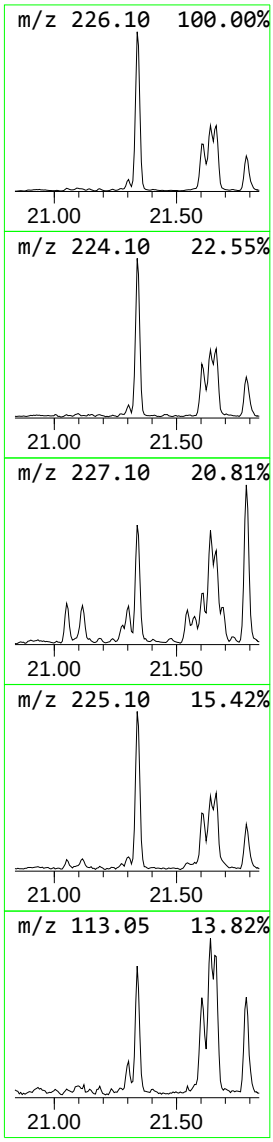
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	4.40 ng/ul	1278670	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	95
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	59
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43





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Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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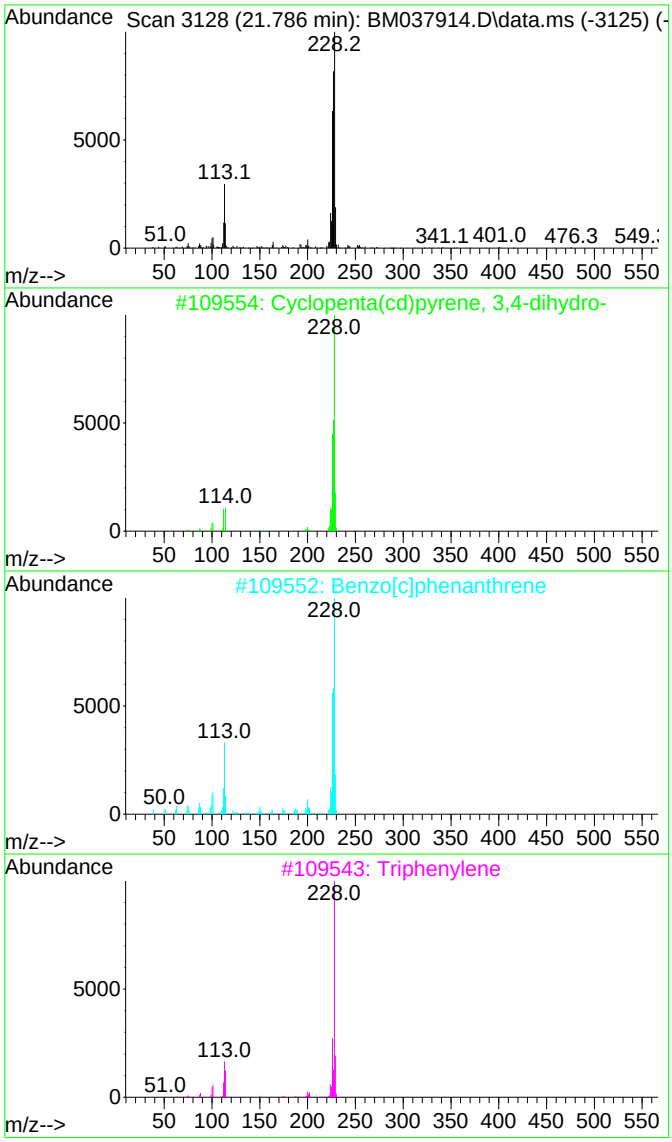
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

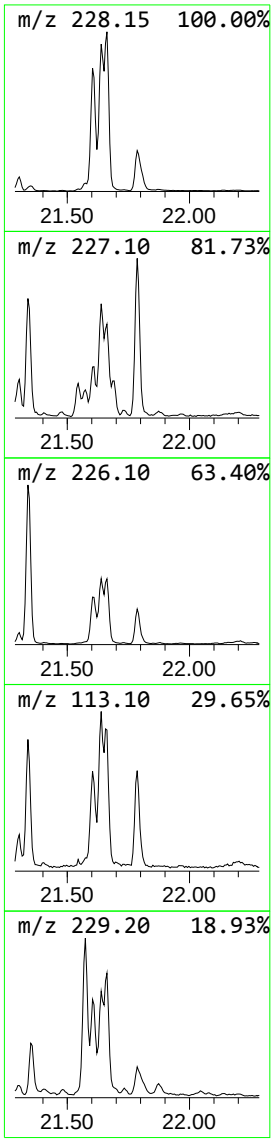
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	3.10 ng/ul	900594	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	96
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	Triphenylene	228	C18H12	000217-59-4	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Triphenylene	228	C18H12	000217-59-4	50





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Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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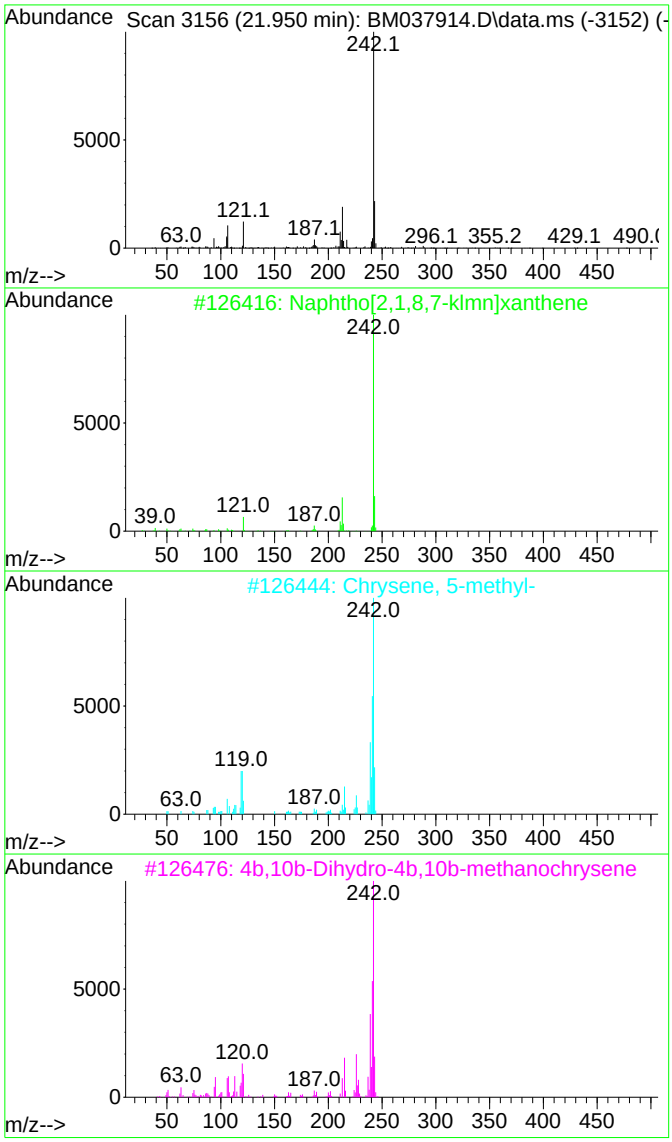
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

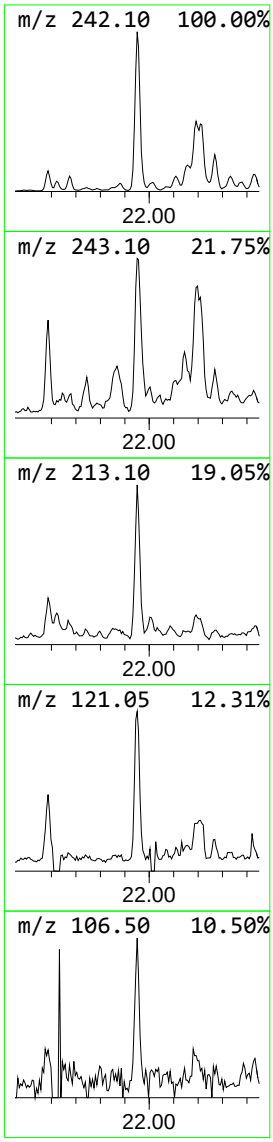
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.950	2.33 ng/ul	677295	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	94
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	72
3	4b,10b-Dihydro-4b,10b-methanochr...	242	C19H14	071949-03-6	64
4	3-Hydroxy-2-(2-methylpyrazol-3-y...	242	C13H10N2O3	1000388-33-0	64
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	59





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Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

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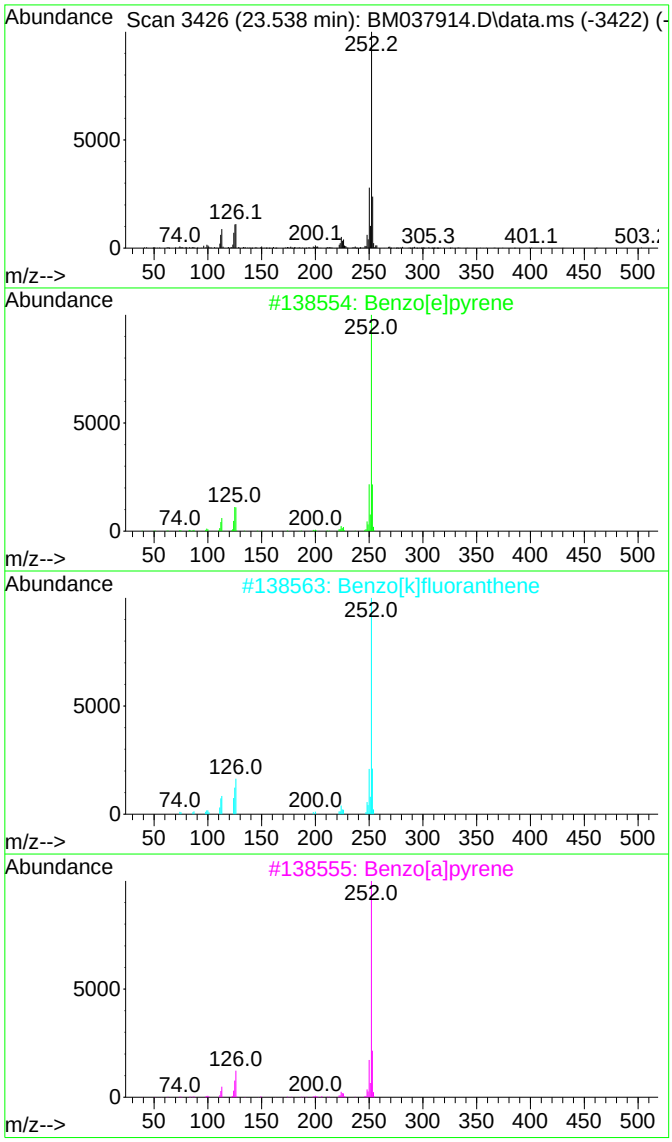
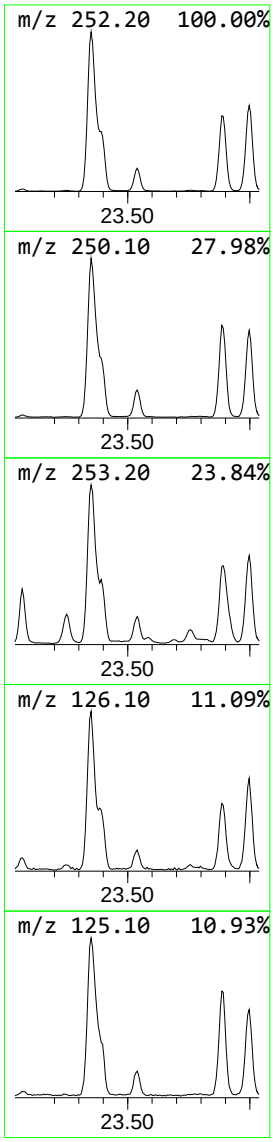
Peak Number 25 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.538	6.04 ng/ul	779478	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

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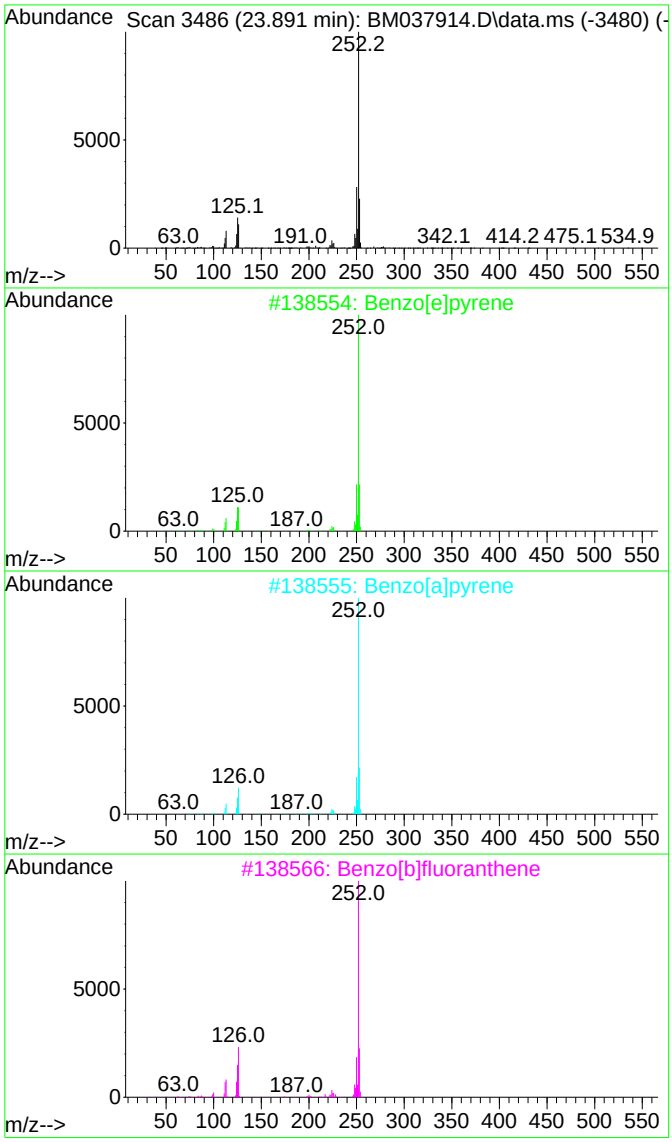
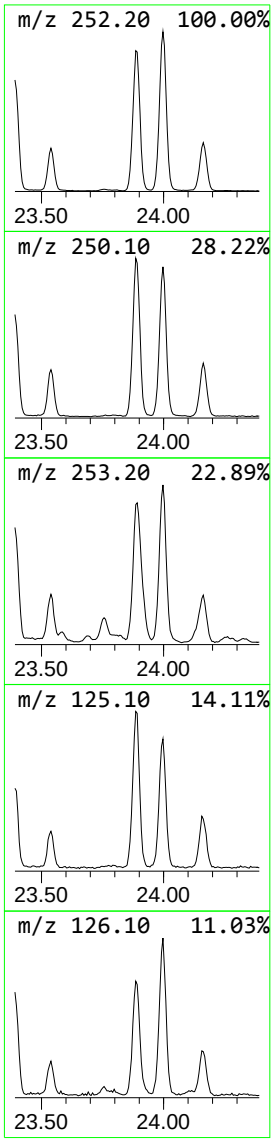
Peak Number 26 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.891	21.38 ng/ul	2759810	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

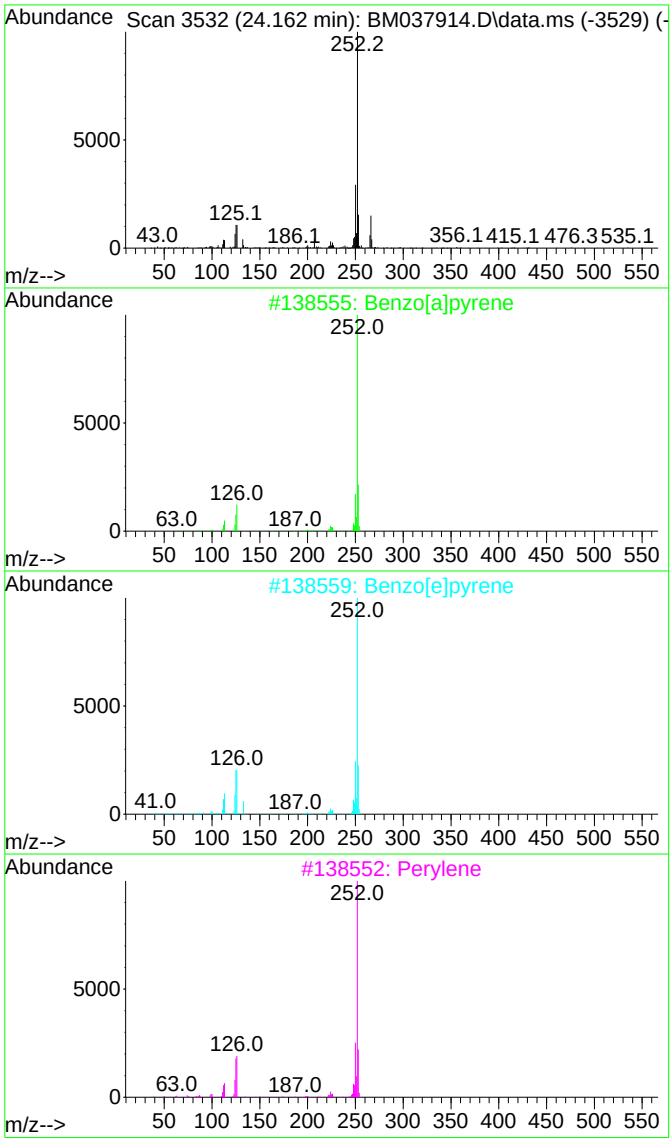
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

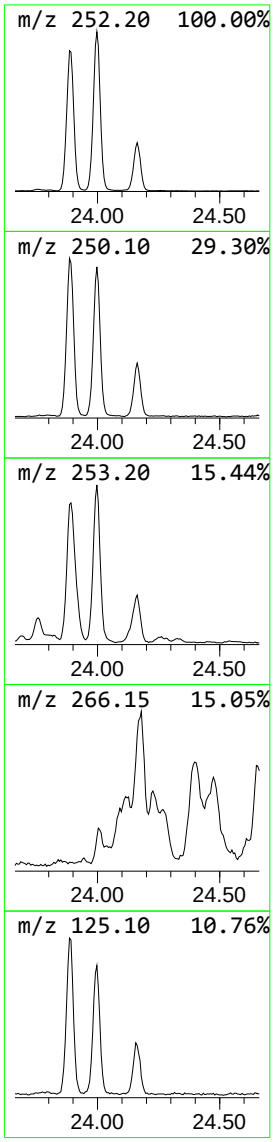
****

Peak Number 27 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.162	9.18 ng/ul	1184830	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	89
2	Benzo[e]pyrene	252	C20H12	000192-97-2	89
3	Perylene	252	C20H12	000198-55-0	89
4	Perylene	252	C20H12	000198-55-0	83
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

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Data File : BM037914.D
Acq On : 09 Dec 2022 13:26
Operator : CG/JU
Sample : N5896-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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
Dibenzofuran	15.104	3.0	ng/ul	383708	3	14.710	2565000	20.0
(DEL) Alkane: S...	15.533	2.0	ng/ul	263180	3	14.710	2565000	20.0
(DEL) Alkane: S...	16.398	3.8	ng/ul	548691	4	17.451	2893620	20.0
1(2H)-Acenaphth...	16.421	3.4	ng/ul	488799	4	17.451	2893620	20.0
(DEL) Alkane: S...	17.186	3.9	ng/ul	567367	4	17.451	2893620	20.0
(DEL) Alkane: S...	17.239	2.1	ng/ul	299174	4	17.451	2893620	20.0
5H-Indeno[1,2-b...	17.851	7.8	ng/ul	1124210	4	17.451	2893620	20.0
(DEL) Alkane: S...	17.927	3.8	ng/ul	548313	4	17.451	2893620	20.0
Phenanthrene, 2...	18.374	2.4	ng/ul	353116	4	17.451	2893620	20.0
Anthracene, 2-m...	18.456	2.6	ng/ul	369848	4	17.451	2893620	20.0
4H-Cyclopenta[d...	18.527	6.0	ng/ul	870854	4	17.451	2893620	20.0
(DEL) Alkane: S...	18.615	3.8	ng/ul	554941	4	17.451	2893620	20.0
Benzo[c]cinnoline	18.862	4.7	ng/ul	680576	4	17.451	2893620	20.0
(DEL) Alkane: S...	19.245	3.5	ng/ul	504396	4	17.451	2893620	20.0
Cyclopenta(def)...	19.380	28.5	ng/ul	4122520	4	17.451	2893620	20.0
Naphtho(2,1,8-d...	20.103	6.5	ng/ul	1884590	5	21.621	5817780	20.0
Pyrene, 1-methyl-	20.333	7.4	ng/ul	2142300	5	21.621	5817780	20.0
Pyrene, 4-methyl-	20.509	3.9	ng/ul	1136270	5	21.621	5817780	20.0
Pyrene, 2-methyl-	20.650	3.0	ng/ul	882352	5	21.621	5817780	20.0
Fluoranthene, 2...	20.698	2.3	ng/ul	681426	5	21.621	5817780	20.0
7H-Benz[de]anth...	21.098	2.1	ng/ul	625962	5	21.621	5817780	20.0
Cyclopenta[cd]p...	21.339	4.4	ng/ul	1278670	5	21.621	5817780	20.0
Cyclopenta(cd)p...	21.786	3.1	ng/ul	900594	5	21.621	5817780	20.0
Naphtho[2,1,8,7...	21.950	2.3	ng/ul	677295	5	21.621	5817780	20.0
Benzo[e]pyrene	23.538	6.0	ng/ul	779478	6	24.109	2581730	20.0
unknown-01	23.891	21.4	ng/ul	2759810	6	24.109	2581730	20.0
Perylene	24.162	9.2	ng/ul	1184830	6	24.109	2581730	20.0