LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004668.D
Acq On : 08 Mar 2019 09:32
Operator : JU/SJ
Sample : K1657-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

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_N\METHODS\SOM-EPA-BN030719MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.881	657	662	671	rBB	90436	139783	6.15%	0.458%
2	7.064	687	693	702	rBB	63605	99200	4.37%	0.325%
3	7.252	719	725	732	rBB	96833	145087	6.39%	0.476%
4	7.722	799	805	811	rBB	138951	210986	9.29%	0.692%
5	8.416	917	923	930	rBB	123063	183797	8.09%	0.603%
6	8.881	996	1002	1009	rBB	89170	138130	6.08%	0.453%
7	9.593	1118	1123	1129	rBB	76679	117858	5.19%	0.387%
8	10.122	1207	1213	1220	rBB	135456	207479	9.13%	0.680%
9	10.505	1271	1278	1284	rBV	212771	347146	15.28%	1.139%
10	10.652	1297	1303	1310	rBV	31610	51368	2.26%	0.168%
11	12.993	1695	1701	1708	rBB	504650	681460	30.00%	2.235%
12	13.187	1729	1734	1738	rBV	68801	99911	4.40%	0.328%
13	13.669	1811	1816	1822	rBV2	421352	597022	26.28%	1.958%
14	13.769	1828	1833	1837	rVV	231569	333209	14.67%	1.093%
15	13.822	1837	1842	1847	rVB	392558	514616	22.66%	1.688%
16	14.057	1875	1882	1892	rBB	273552	409002	18.01%	1.341%
17	14.357	1925	1933	1940	rVV	582133	867417	38.19%	2.845%
18	14.422	1940	1944	1951	rVV	73142	110312	4.86%	0.362%
19	14.563	1963	1968	1972	rBV	79340	111139	4.89%	0.364%
20	14.634	1977	1980	1984	rVV	34536	49373	2.17%	0.162%
21	14.757	1996	2001	2009	rVV2	31870	45634	2.01%	0.150%
22	15.357	2097	2103	2108	rBV	368955	528511	23.27%	1.733%
23	15.410	2108	2112	2117	rVV	58739	80454	3.54%	0.264%
24	15.481	2119	2124	2130	rVV	94966	121245	5.34%	0.398%
25	15.834	2179	2184	2195	rBB2	31748	60877	2.68%	0.200%
26	16.763	2336	2342	2349	rVB	42891	59361	2.61%	0.195%
27	16.928	2365	2370	2377	rVB	39790	53748	2.37%	0.176%
28	17.110	2395	2401	2404	rBV	380501	541733	23.85%	1.777%
29	17.157	2404	2409	2413	rVV	837259	1211582	53.34%	3.974%
30	17.210	2413	2418	2421	rVV	381970	528228	23.26%	1.732%
31	17.245	2421	2424	2428	rVV	199961	258567	11.38%	0.848%
32	17.516	2461	2470	2478	rBV	116879	184910	8.14%	0.606%
33	17.992	2540	2551	2554	rBV2	172549	301770	13.29%	0.990%
34	18.034	2554	2558	2562	rVB	126847	177672	7.82%	0.583%

LSC Area Percent Report

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Sample : K1657-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

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_N\METHODS\SOM-EPA-BN030719MA.M
Title : SVOA CALIBRATION

35	18.110	2567	2571	2576	rVB	45931	62107	2.73%	0.204%
36	18.181	2576	2583	2587	rBV3	145096	262056	11.54%	0.859%
37	18.216	2587	2589	2595	rVB	57590	62680	2.76%	0.206%
38	18.486	2630	2635	2639	rBV	85585	113841	5.01%	0.373%
39	18.533	2639	2643	2650	rVB	80222	107412	4.73%	0.352%
40	18.822	2689	2692	2701	rVB2	19319	35166	1.55%	0.115%
41	18.904	2701	2706	2712	rBV2	54336	109022	4.80%	0.358%
42	19.051	2726	2731	2738	rBV2	70132	112048	4.93%	0.367%
43	19.180	2740	2753	2758	rBV	1623807	2271360	100.00%	7.449%
44	19.281	2765	2770	2775	rBV3	95984	127834	5.63%	0.419%
45	19.422	2788	2794	2798	rVV2	41459	55192	2.43%	0.181%
46	19.516	2803	2810	2812	rBV3	563468	932422	41.05%	3.058%
47	19.545	2812	2815	2821	rVB	1270739	1579214	69.53%	5.179%
48	19.610	2821	2826	2832	rVB3	68579	106140	4.67%	0.348%
49	19.722	2838	2845	2850	rBV	67895	104416	4.60%	0.342%
50	19.780	2850	2855	2861	rVB	46411	70439	3.10%	0.231%
51	19.857	2861	2868	2870	rBV3	88559	160490	7.07%	0.526%
52	19.904	2874	2876	2879	rVB	53992	44622	1.96%	0.146%
53	19.998	2887	2892	2893	rBV3	65623	94812	4.17%	0.311%
54	20.039	2894	2899	2904	rVB	173916	294239	12.95%	0.965%
55	20.133	2911	2915	2919	rBV	93713	116186	5.12%	0.381%
56	20.192	2919	2925	2929	rVV2	97464	184978	8.14%	0.607%
57	20.233	2929	2932	2936	rVB	54306	62855	2.77%	0.206%
58	20.275	2936	2939	2945	rVB3	27140	35831	1.58%	0.118%
59	20.339	2945	2950	2953	rBV2	62955	83459	3.67%	0.274%
60	20.380	2953	2957	2961	rBV3	50047	65320	2.88%	0.214%
61	20.551	2981	2986	2990	rBV5	23898	40167	1.77%	0.132%
62	20.704	3008	3012	3015	rVB	43479	49887	2.20%	0.164%
63	20.786	3022	3026	3032	rVV	157207	213544	9.40%	0.700%
64	20.863	3034	3039	3045	rVB	369336	428089	18.85%	1.404%
65	20.957	3047	3055	3058	rBV2	171207	299966	13.21%	0.984%
66	21.004	3058	3063	3066	rVV2	214627	375923	16.55%	1.233%
67	21.033	3066	3068	3073	rVV2	129756	218652	9.63%	0.717%
68	21.086	3073	3077	3082	rVB2	167714	228380	10.05%	0.749%
69	21.198	3088	3096	3101	rBV	62288	145902	6.42%	0.479%
70	21.304	3104	3114	3119	rVV3	869950	1957695	86.19%	6.420%
71	21.351	3119	3122	3131	rVB	713281	873795	38.47%	2.866%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1657-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

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_N\METHODS\SOM-EPA-BN030719MA.M
Title : SVOA CALIBRATION

72	21.469	3138	3142	3147	rVB	96817	139574	6.14%	0.458%
73	21.522	3148	3151	3157	rVV4	40956	76738	3.38%	0.252%
74	21.580	3158	3161	3164	rVB	64881	77486	3.41%	0.254%
75	21.627	3164	3169	3174	rBV2	105371	175471	7.73%	0.575%
76	21.669	3174	3176	3180	rVB2	37400	42520	1.87%	0.139%
77	21.798	3195	3198	3202	rBV3	43580	70992	3.13%	0.233%
78	21.863	3203	3209	3211	rVV	106472	183746	8.09%	0.603%
79	21.904	3213	3216	3224	rVB3	302892	460183	20.26%	1.509%
80	22.063	3239	3243	3246	rBV2	58070	84695	3.73%	0.278%
81	22.157	3255	3259	3267	rVB3	63946	116600	5.13%	0.382%
82	22.345	3287	3291	3295	rBV	85430	130883	5.76%	0.429%
83	22.639	3335	3341	3351	rVB2	67197	177258	7.80%	0.581%
84	22.804	3366	3369	3372	rBV2	35551	50343	2.22%	0.165%
85	22.857	3373	3378	3380	rBV	279340	411885	18.13%	1.351%
86	22.898	3380	3385	3390	rBV	496923	981106	43.19%	3.218%
87	23.063	3409	3413	3418	rVB	116094	179394	7.90%	0.588%
88	23.198	3432	3436	3444	rBV	44003	109609	4.83%	0.359%
89	23.380	3461	3467	3471	rBV	307718	608580	26.79%	1.996%
90	23.427	3471	3475	3479	rVV2	280205	532121	23.43%	1.745%
91	23.480	3479	3484	3491	rVB	460129	827705	36.44%	2.715%
92	23.574	3494	3500	3504	rVV	249884	481574	21.20%	1.579%
93	23.621	3505	3508	3516	rVB2	152498	287330	12.65%	0.942%
94	24.074	3579	3585	3591	rVB	256546	469977	20.69%	1.541%
95	24.827	3708	3713	3727	rVB7	63470	212188	9.34%	0.696%
96	25.698	3855	3861	3868	rBV2	51490	126795	5.58%	0.416%
97	25.863	3880	3889	3900	rVB	309213	901214	39.68%	2.956%
98	26.568	4000	4009	4014	rBV	174425	534307	23.52%	1.752%
99	27.939	4235	4242	4254	rVB	59196	196082	8.63%	0.643%
100	28.209	4282	4288	4301	rVB9	54992	190271	8.38%	0.624%

Sum of corrected areas: 30491355

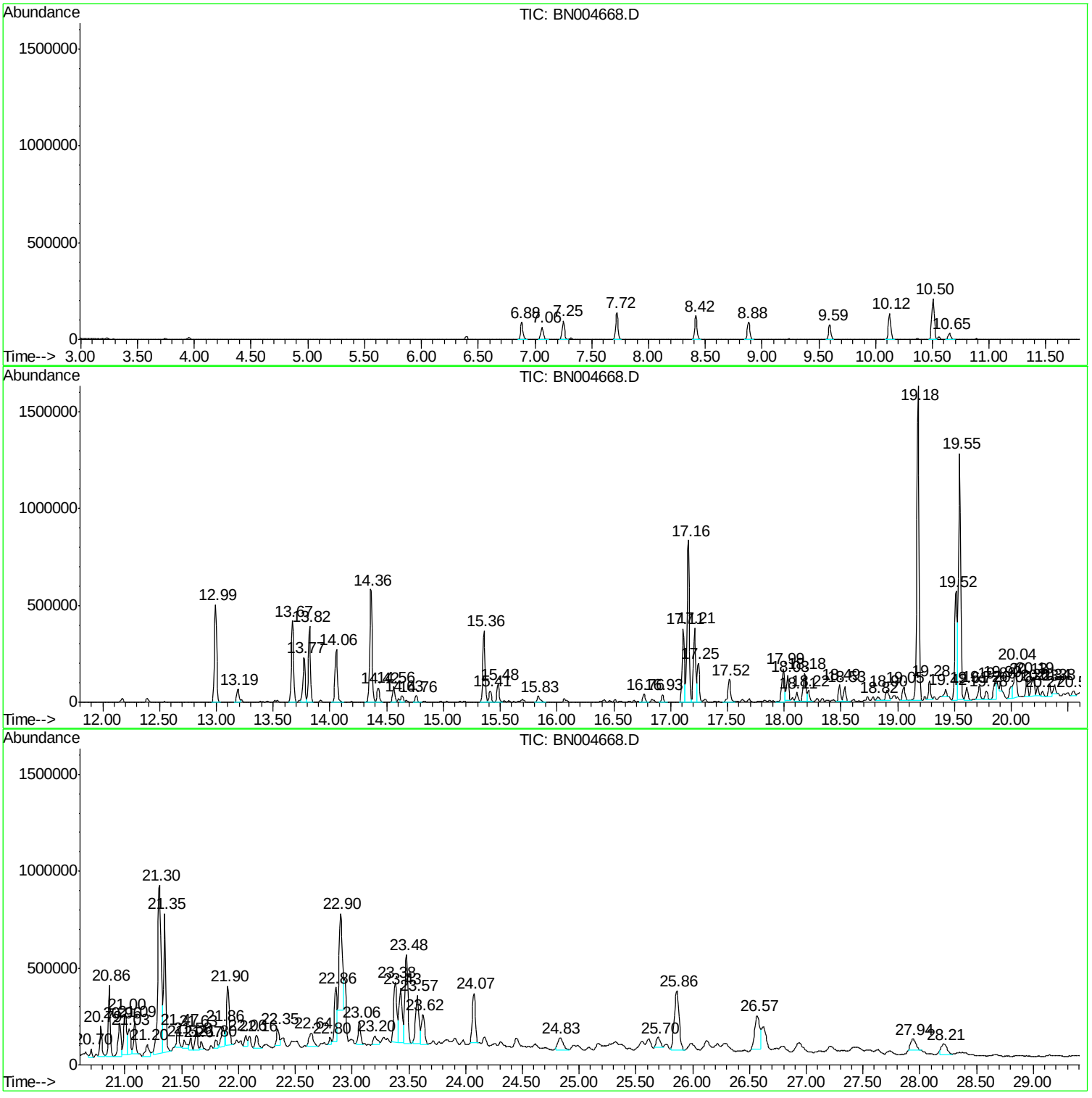
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004668.D
Acq On : 08 Mar 2019 09:32
Operator : JU/SJ
Sample : K1657-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004668.D
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Misc :
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Instrument : BNA_N
ClientSampleId : DB650

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

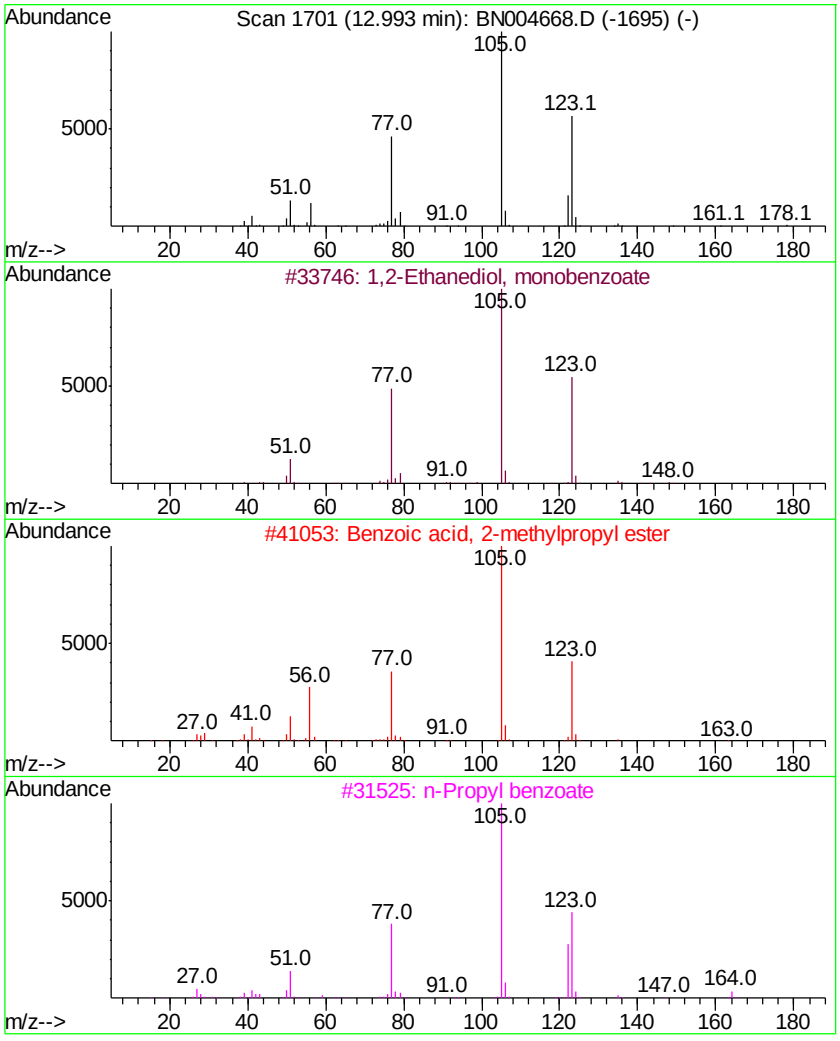
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

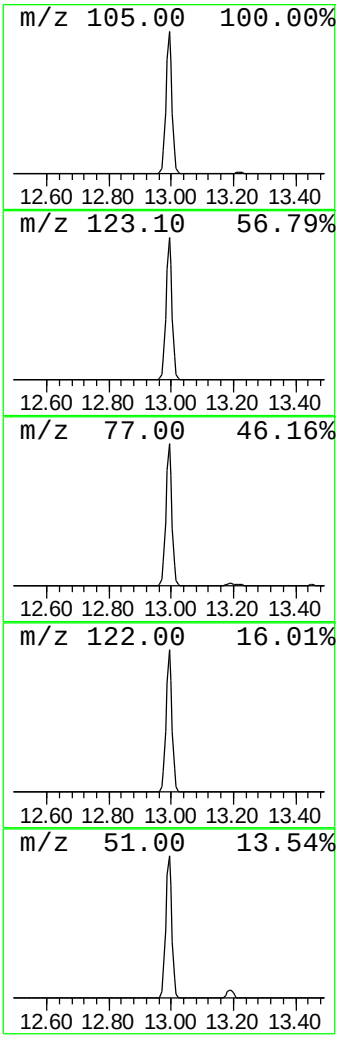
****

Peak Number 1 1,2-Ethanediol, monobenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	15.71 ng/ul	681460	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol, monobenzoate	166	C9H10O3	000094-33-7	80
2	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	72
3	n-Propyl benzoate	164	C10H12O2	002315-68-6	72
4	Benzoic acid, butyl ester	178	C11H14O2	000136-60-7	68
5	Acetoxime benzoate	177	C10H11NO2	000942-89-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004668.D
Acq On : 08 Mar 2019 09:32
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Misc :
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Instrument : BNA_N
ClientSampleId : DB650

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

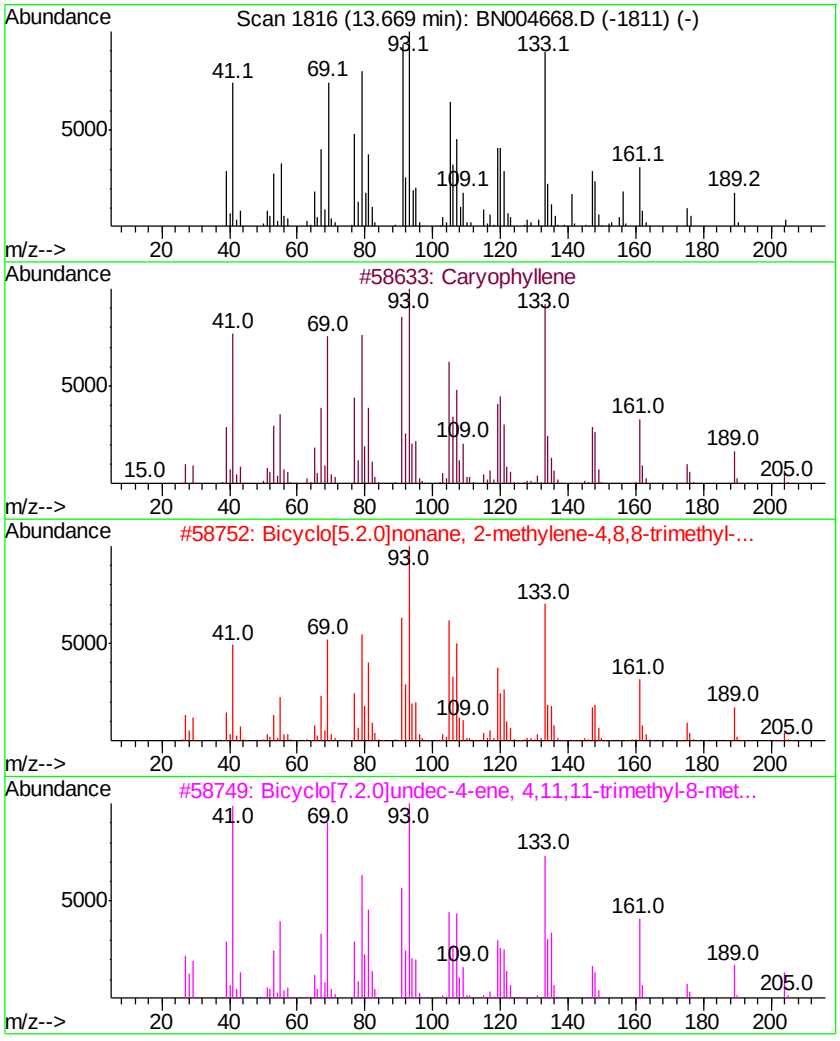
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

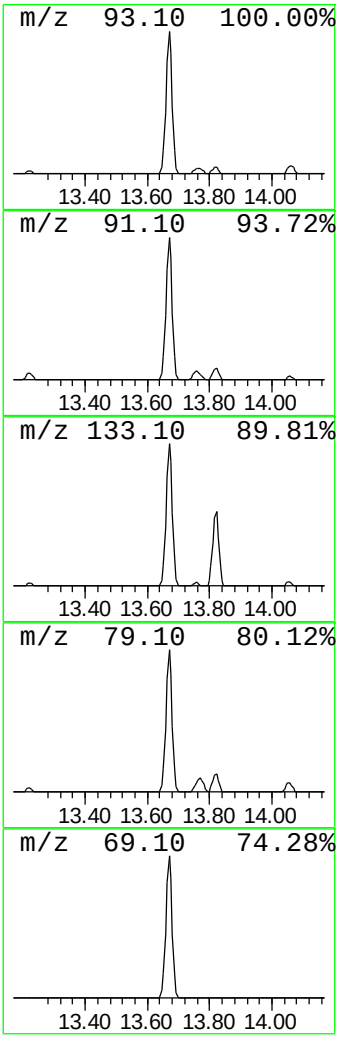
****

Peak Number 2 Caryophyllene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	13.77 ng/ul	597022	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	93
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	93
4	Caryophyllene	204	C15H24	000087-44-5	91
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	90





Library Search Compound Report

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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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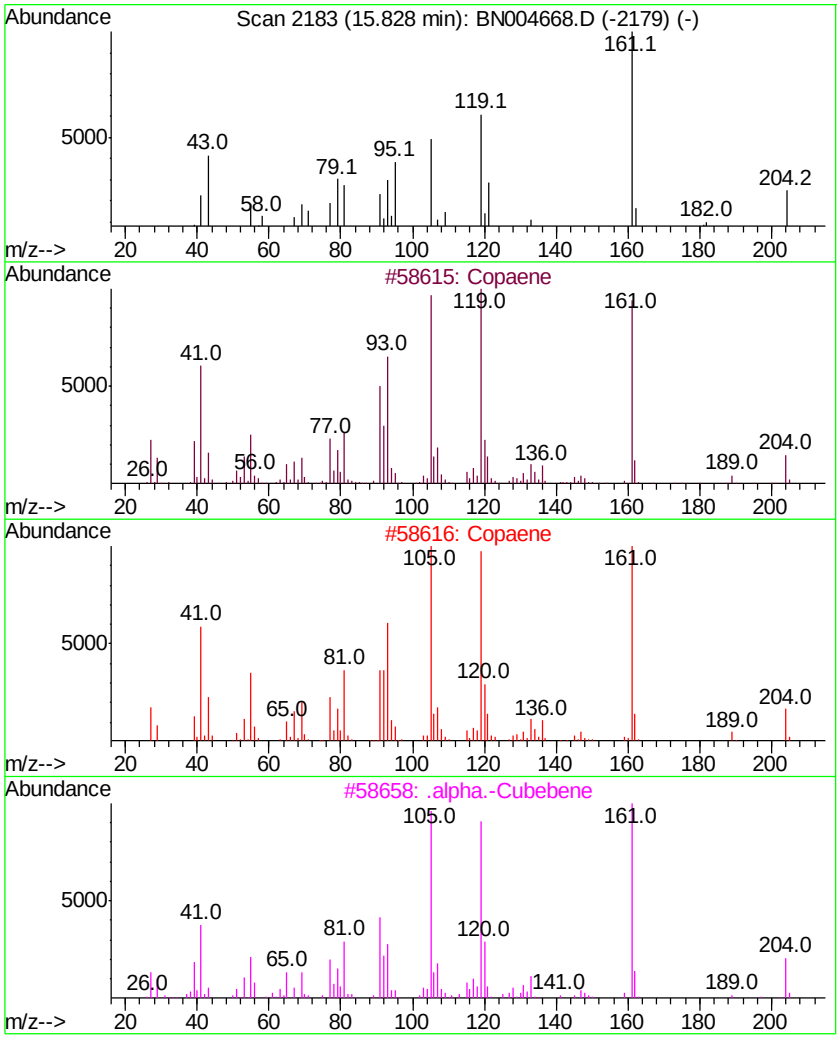
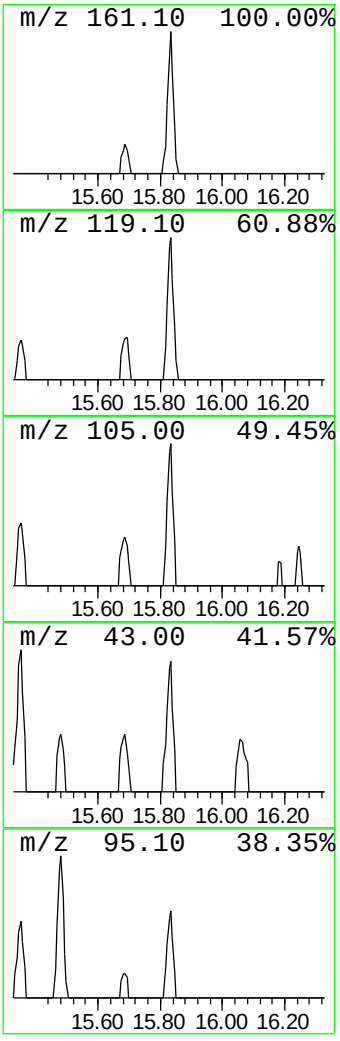
Peak Number 3 Copaene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.25 ng/ul	60877	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Copaene	204	C15H24	003856-25-5	95
2	Copaene	204	C15H24	003856-25-5	93
3	.alpha.-Cubebene	204	C15H24	017699-14-8	70
4	(+)-Epi-bicyclosesquiphellandrene	204	C15H24	054324-03-7	46
5	Quinoline-2,4-diol	161	C9H7NO2	070254-43-2	43





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Misc :
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Instrument : BNA_N
ClientSampleId : DB650

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

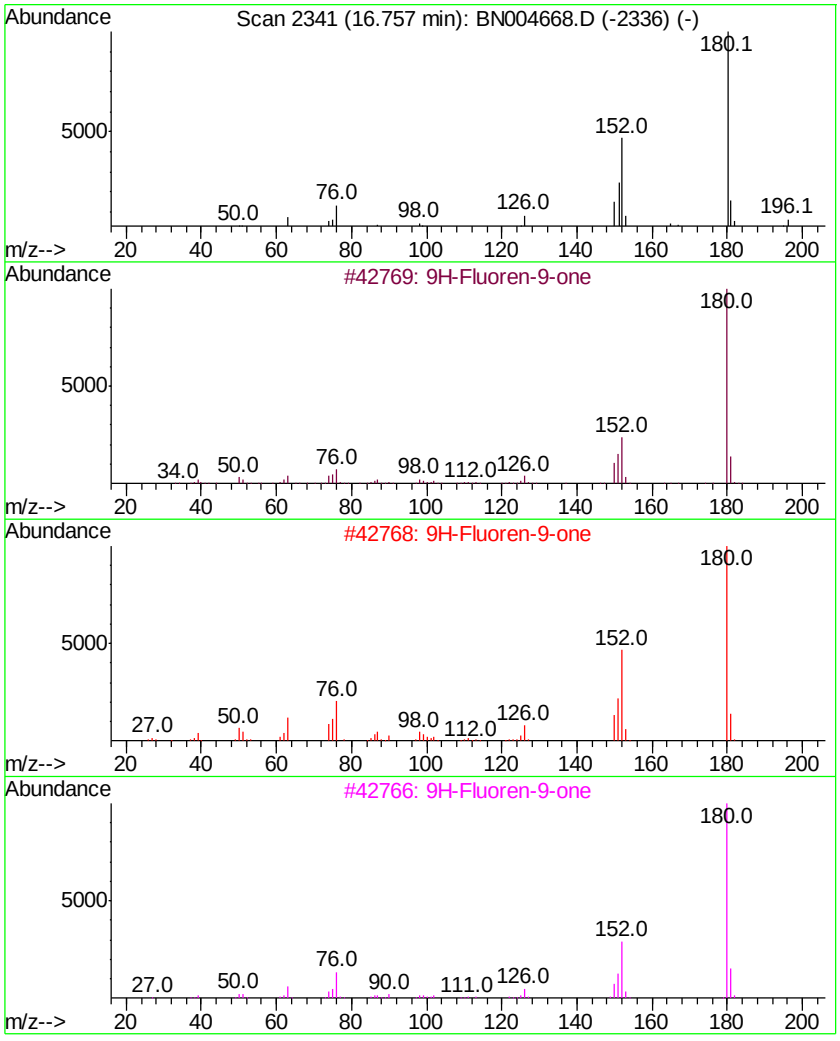
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

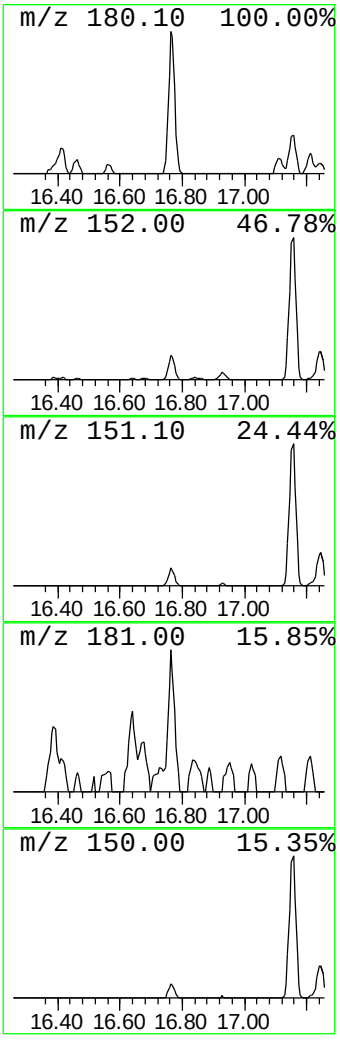
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.19 ng/ul	59361	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004668.D
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Operator : JU/SJ
Sample : K1657-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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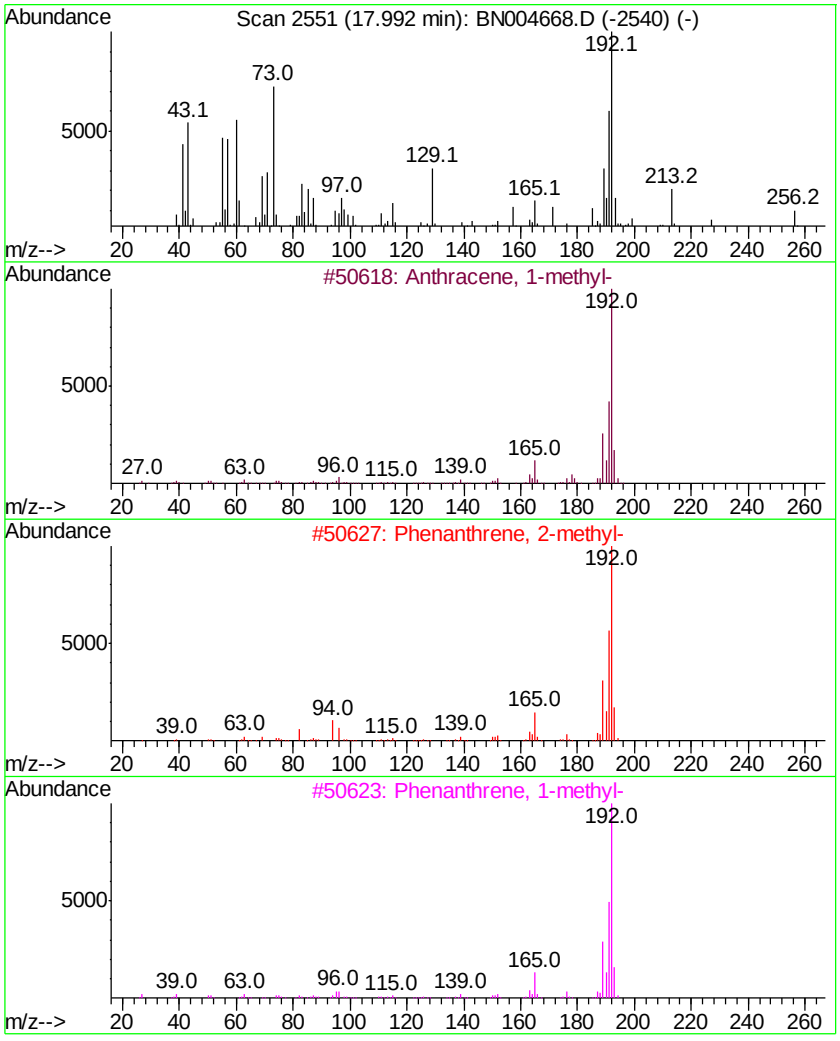
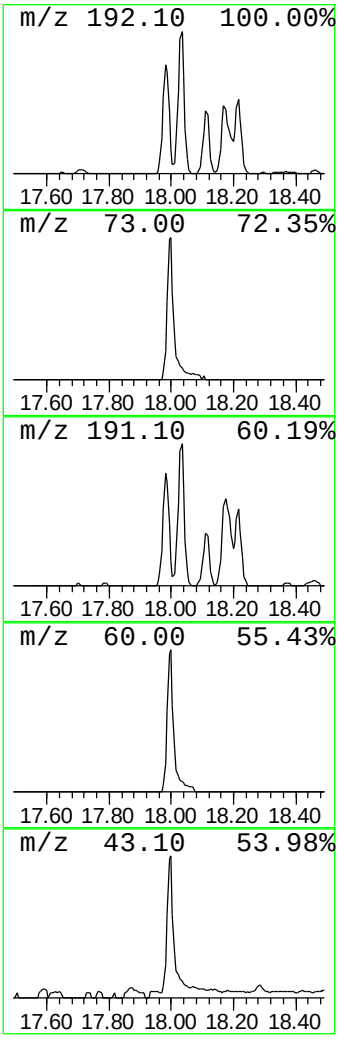
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	11.14 ng/ul	301770	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Quant Title : SVOA CALIBRATION

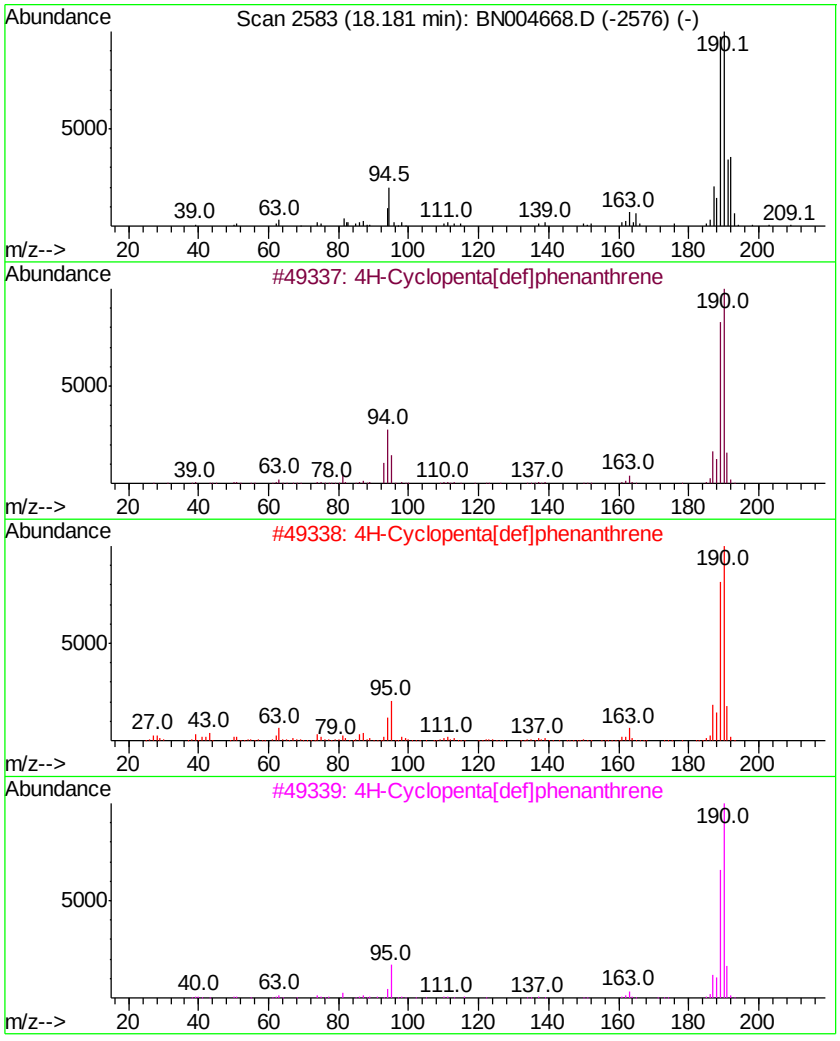
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

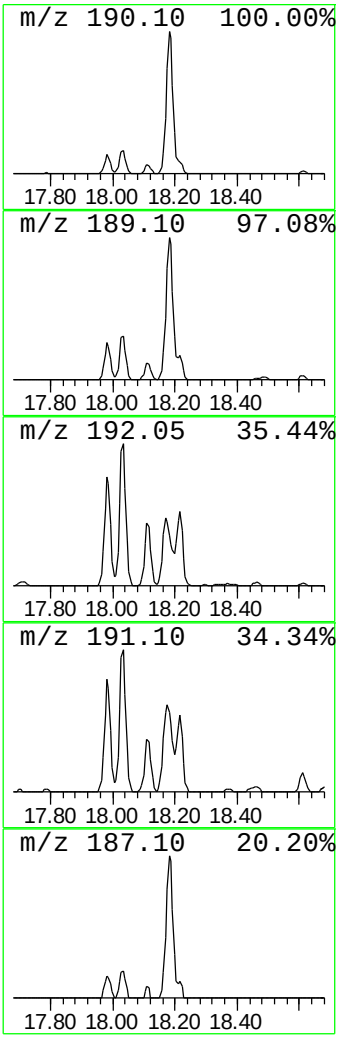
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	9.67 ng/ul	262056	Phenanthrene-d10	17.11

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	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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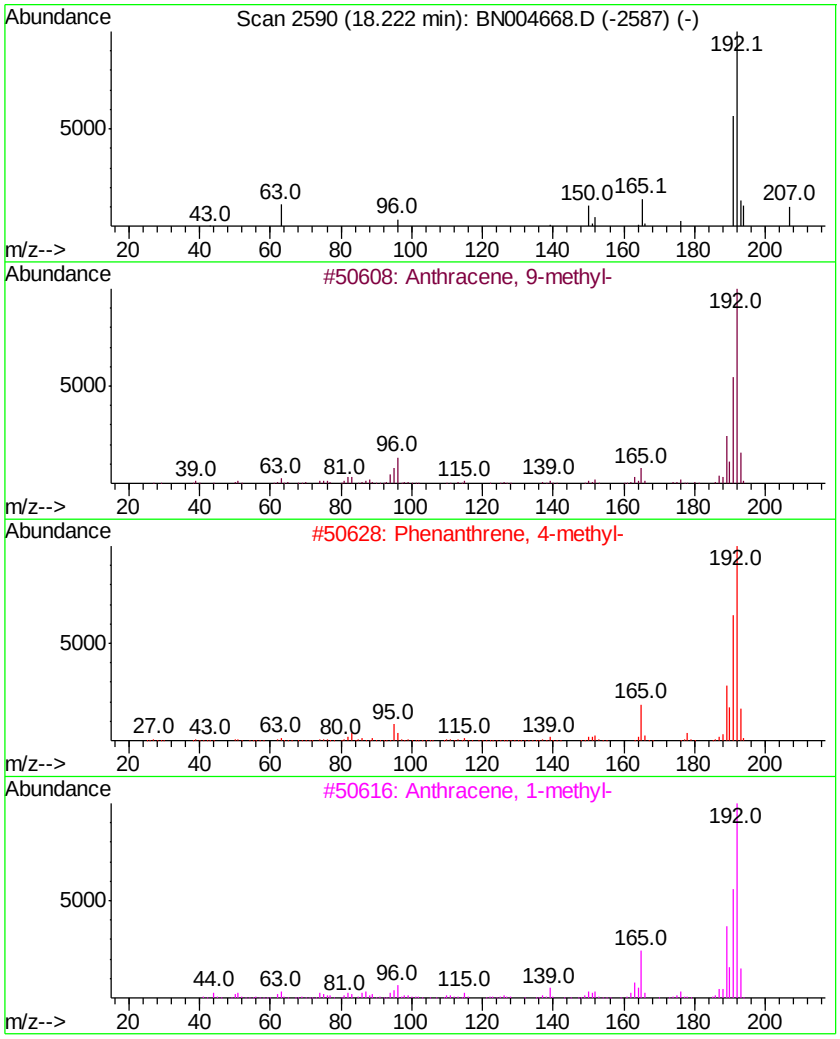
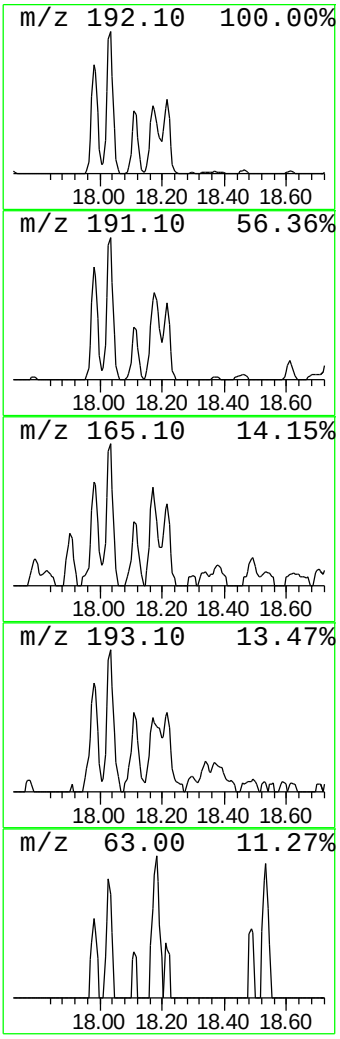
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.31 ng/ul	62680	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83





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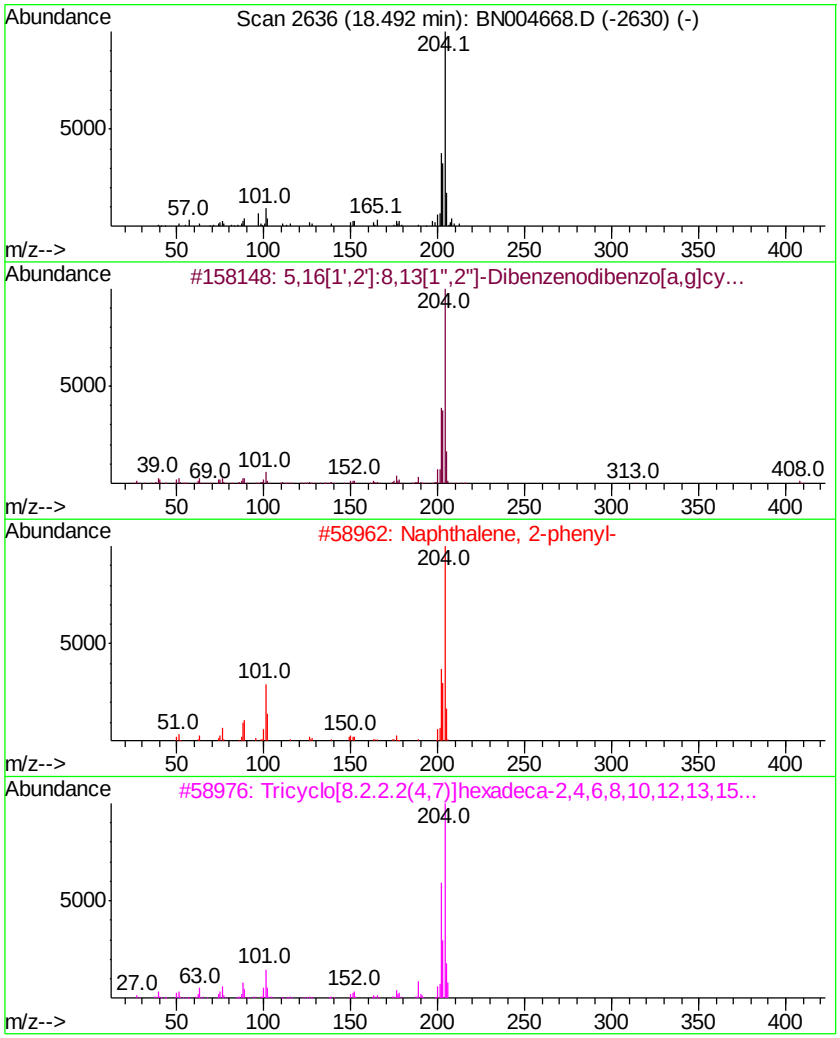
Quant Title : SVOA CALIBRATION

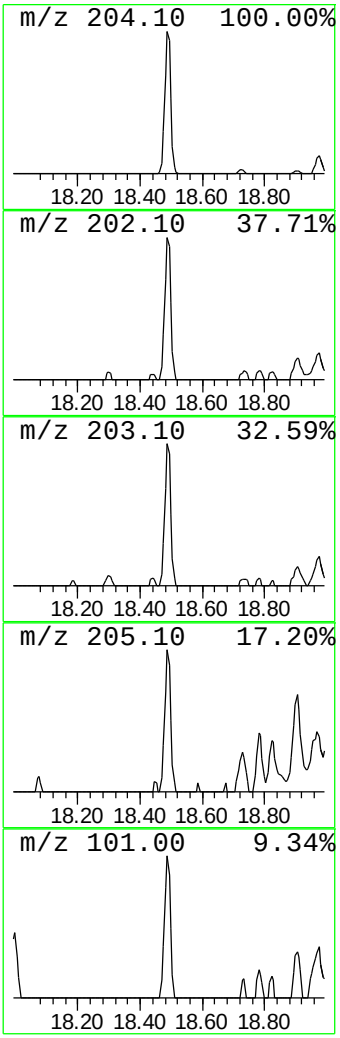
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.20 ng/ul	113841	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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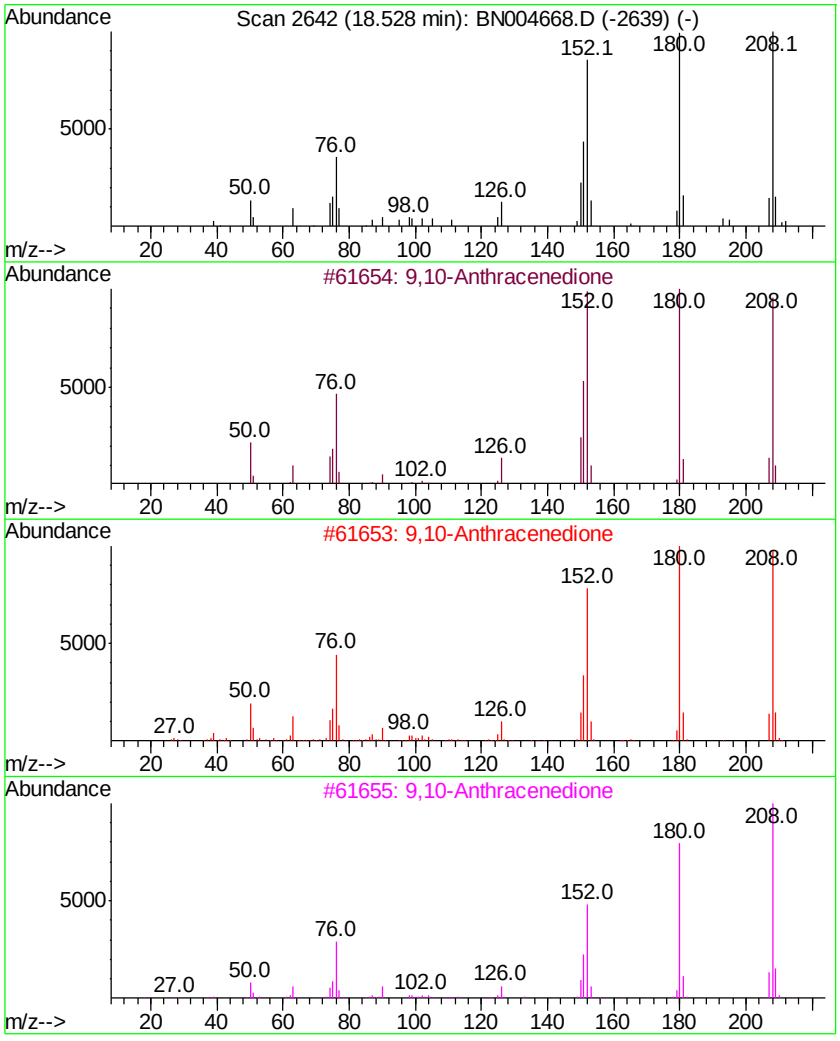
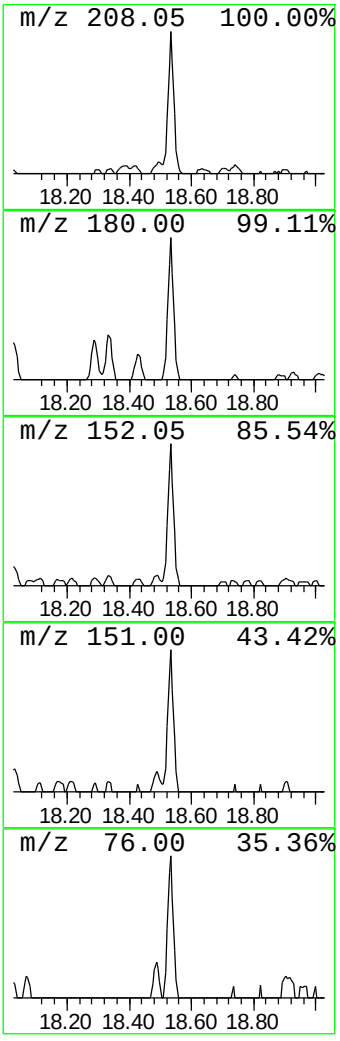
Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.97 ng/ul	107412	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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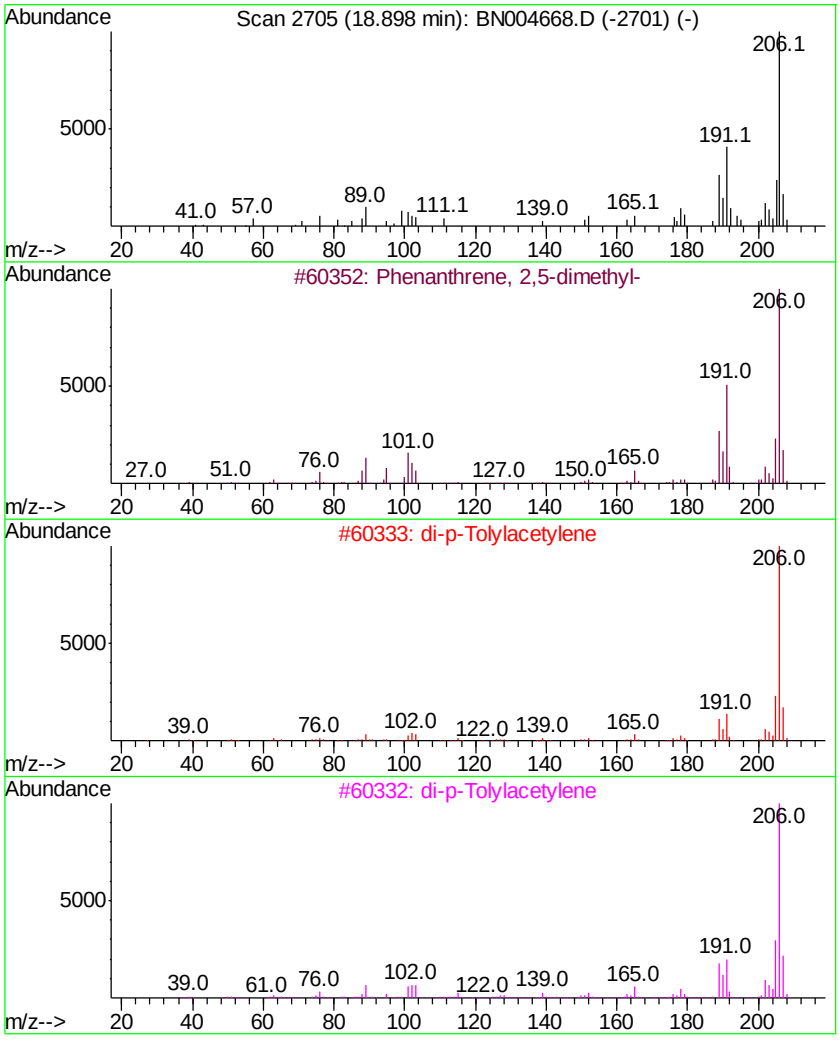
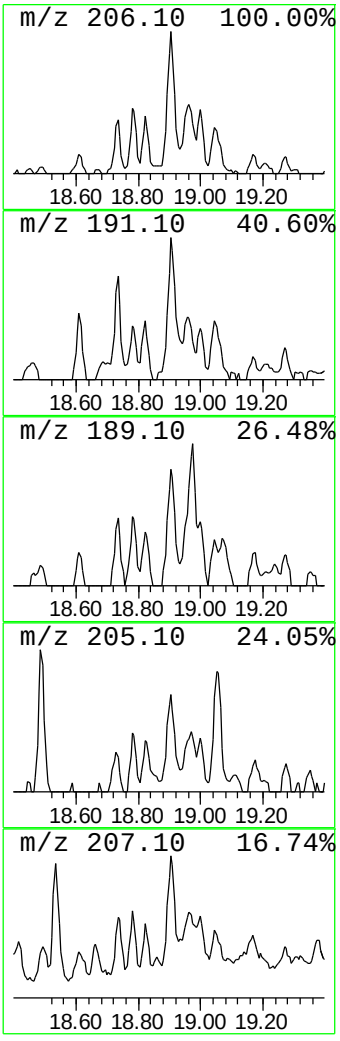
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	4.02 ng/ul	109022	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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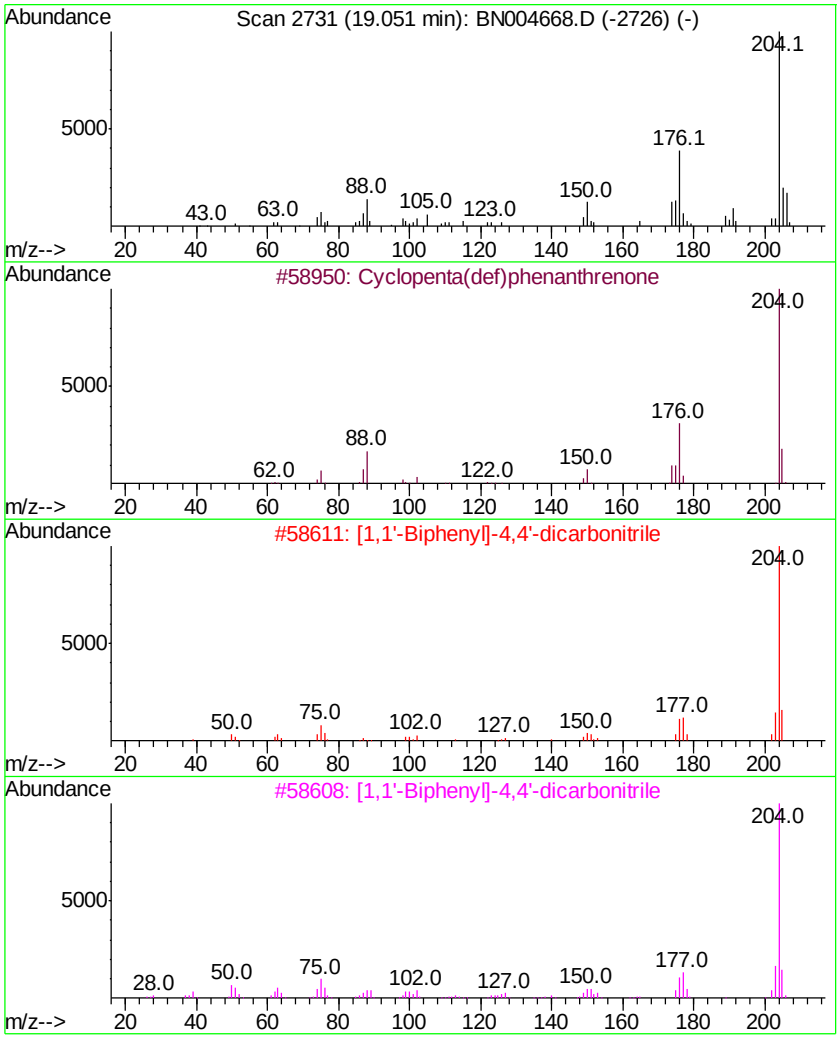
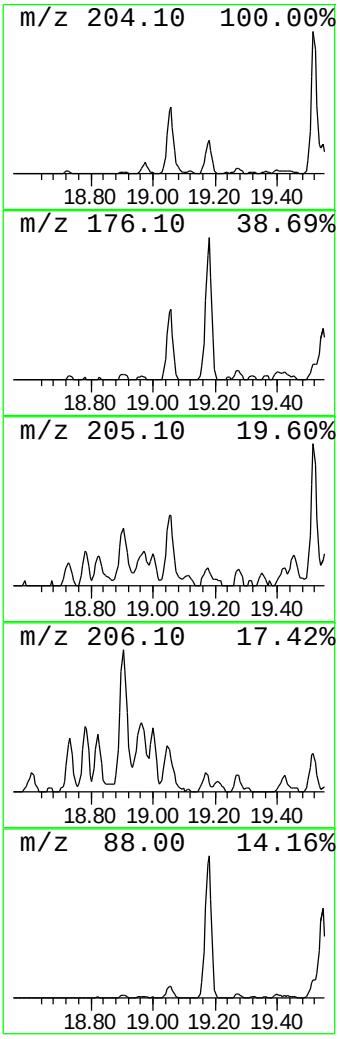
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	4.14 ng/ul	112048	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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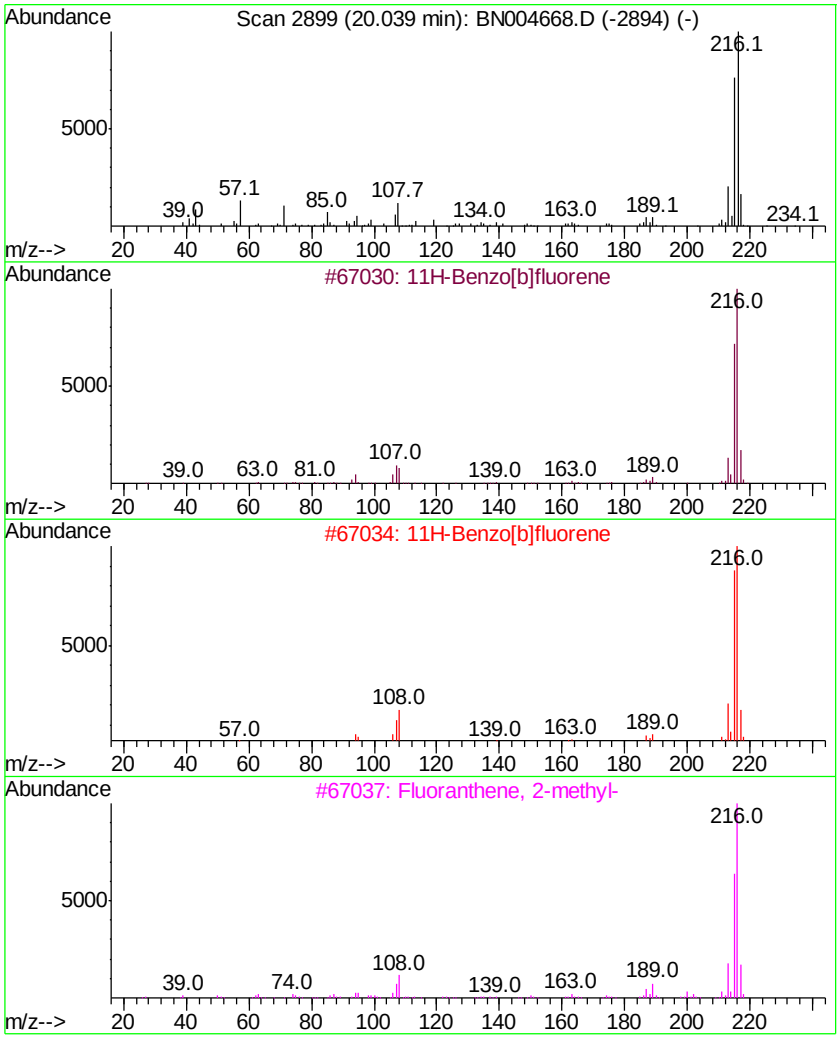
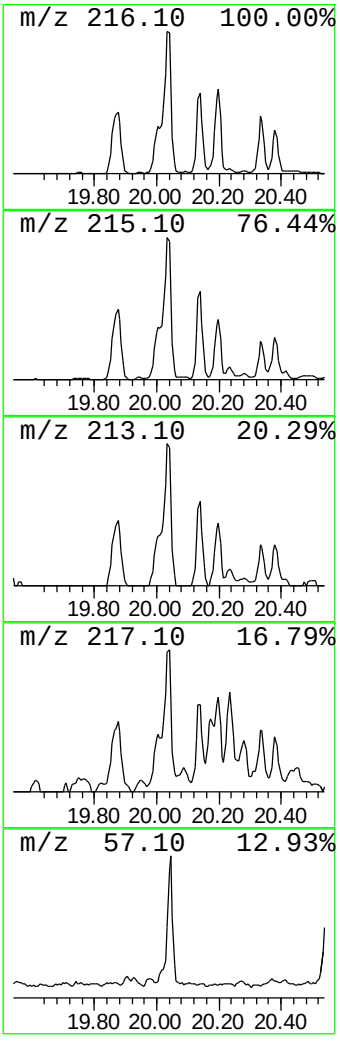
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.01 ng/ul	294239	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.18 ng/ul	213544	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
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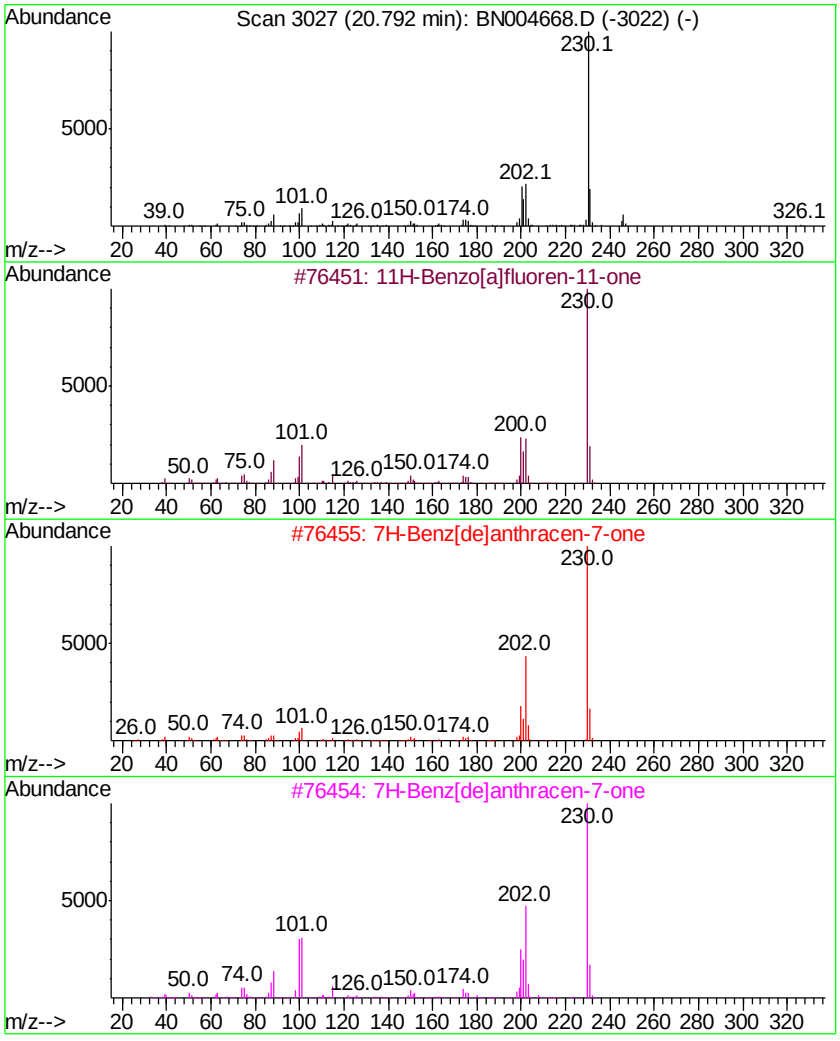

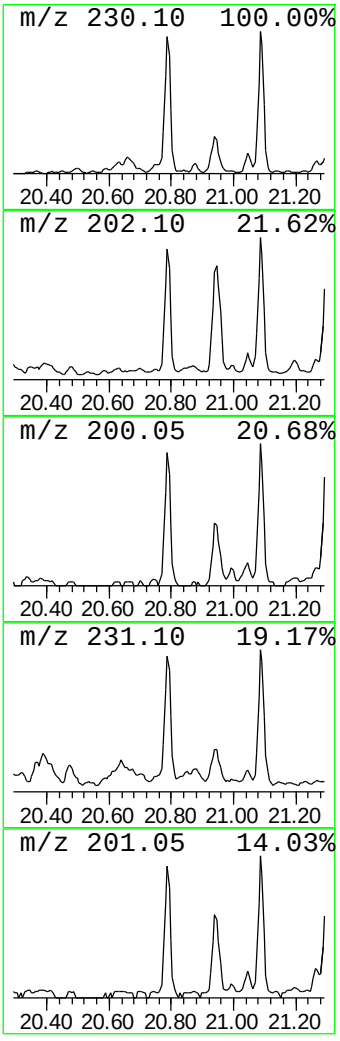

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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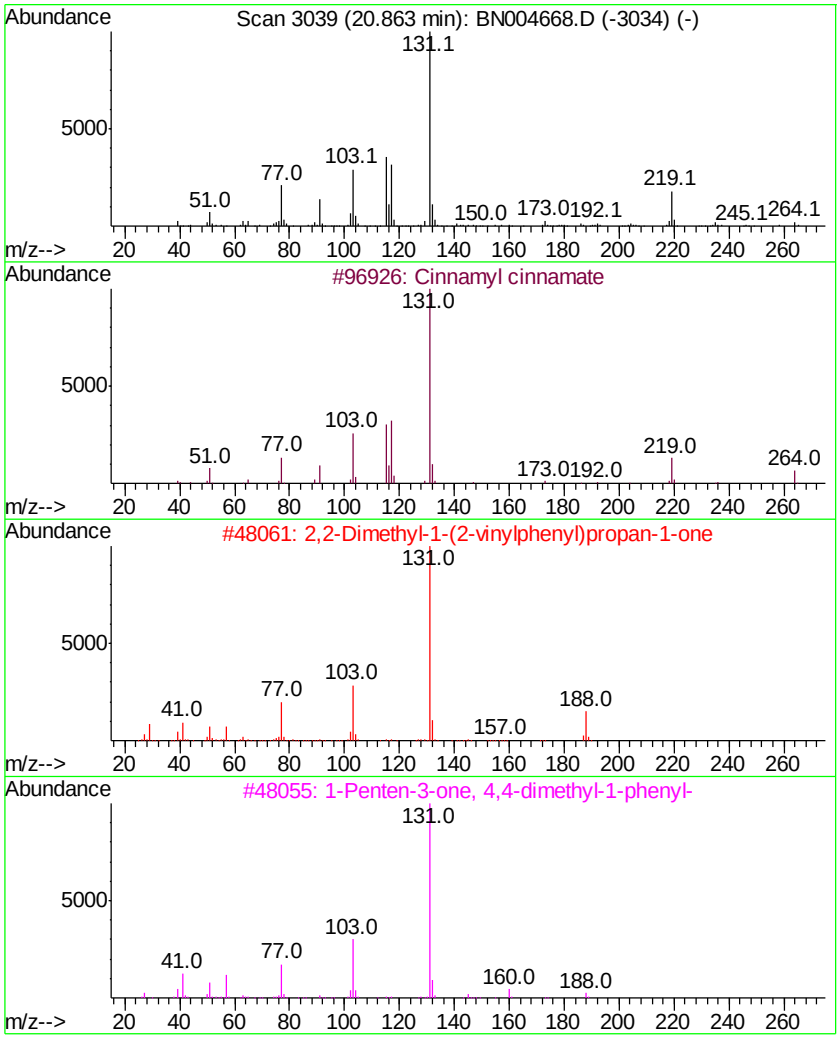
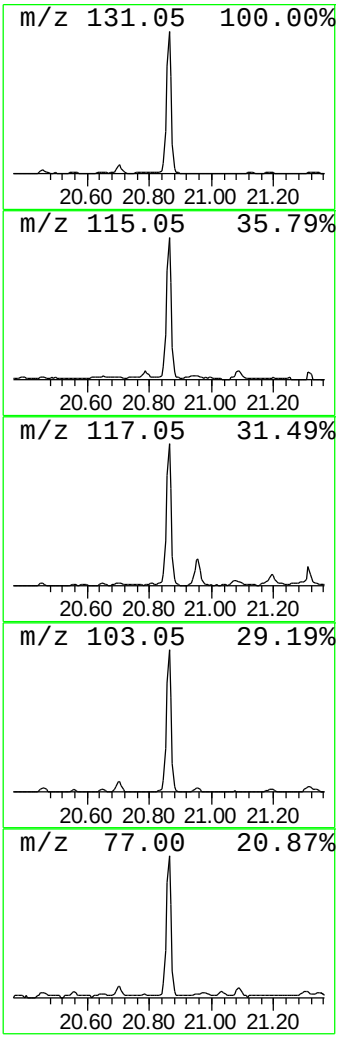
Peak Number 14 Cinnamyl cinnamate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.37 ng/ul	428089	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
3	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	50
4	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	50
5	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	50





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TIC Integration Parameters: LSCINT.P

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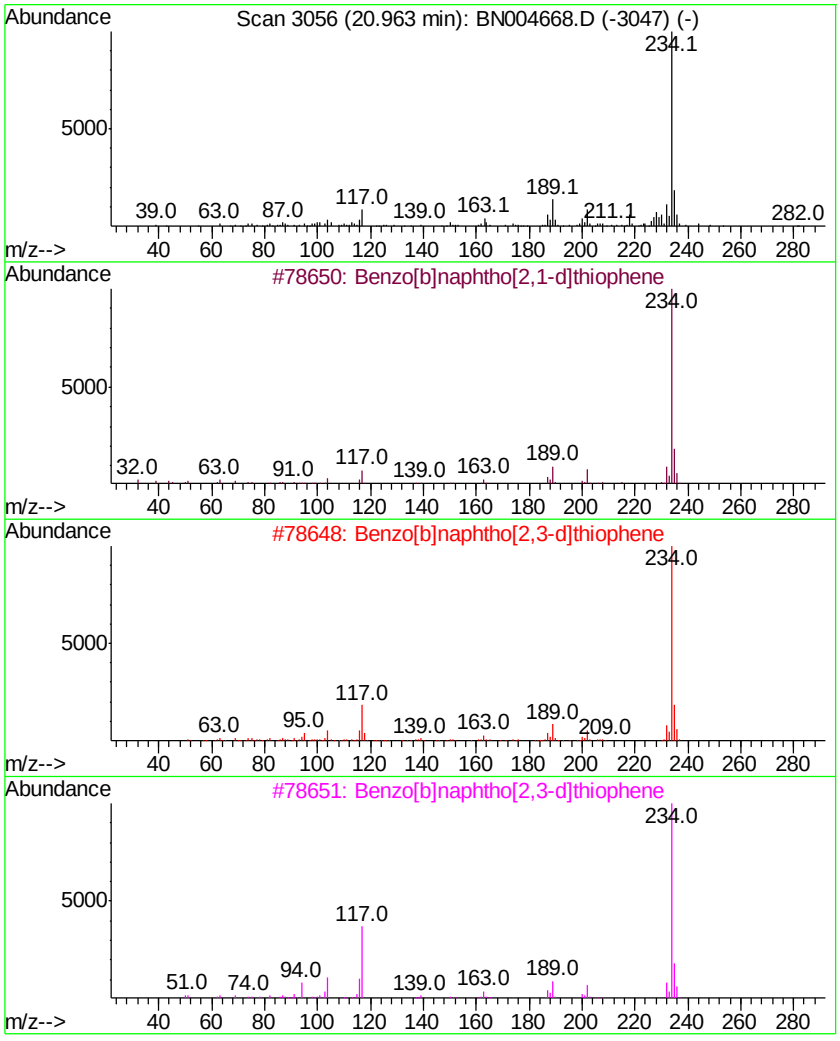
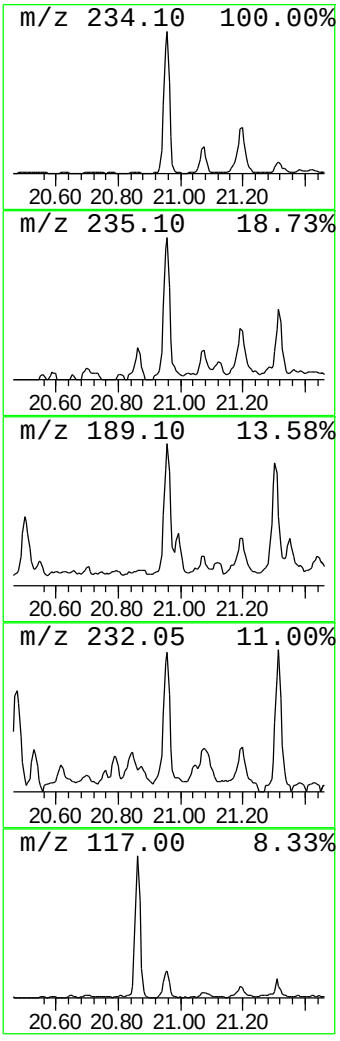
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.06 ng/ul	299966	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93





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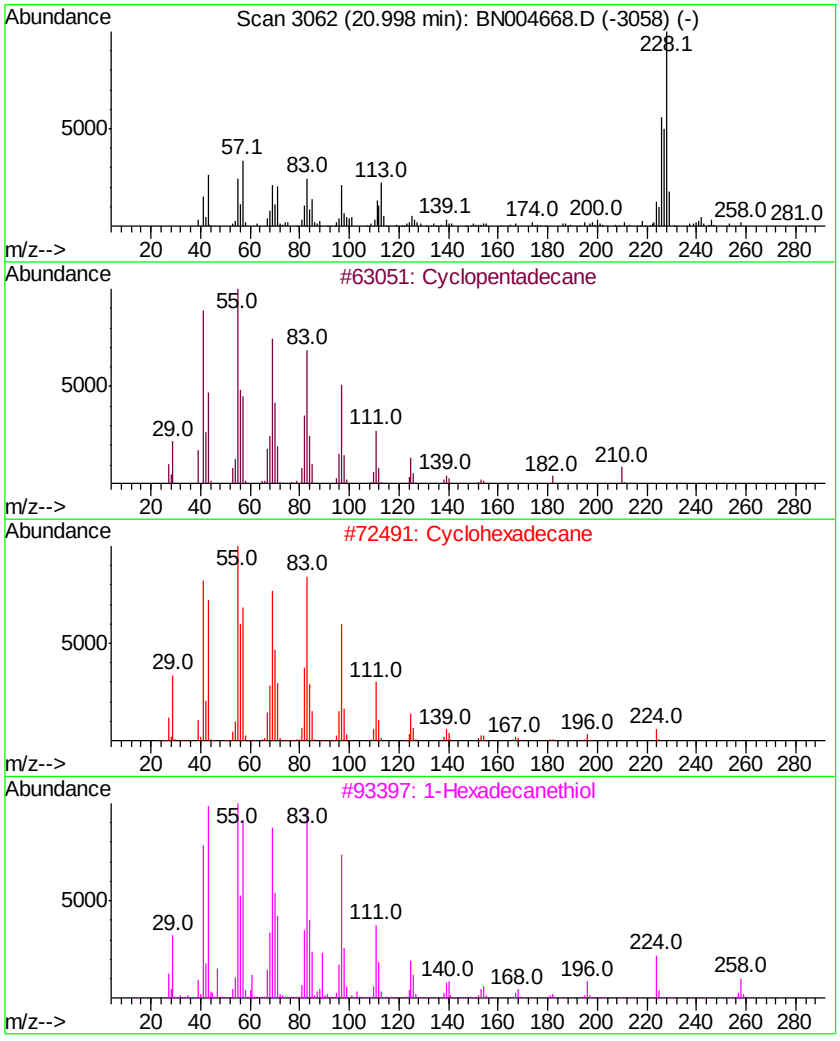
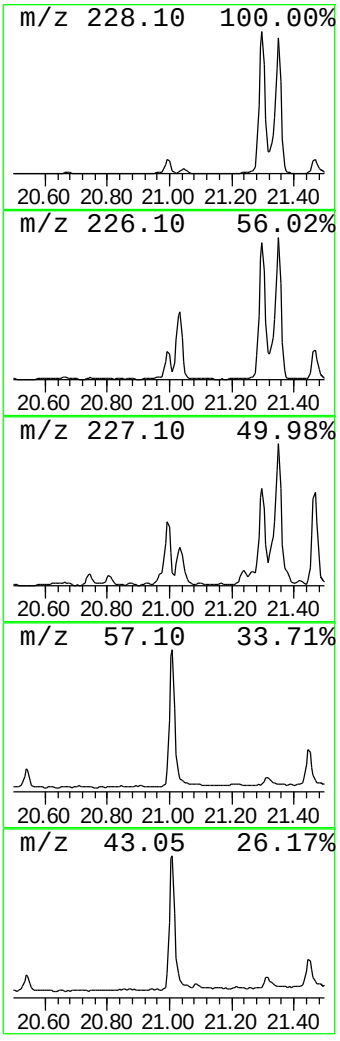
Peak Number 16 (DEL) Alkane: Cyclic21.00 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.84 ng/ul	375923	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Cyclohexadecane	224	C16H32	000295-65-8	86
3	1-Hexadecanethiol	258	C16H34S	002917-26-2	86
4	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	64
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	55





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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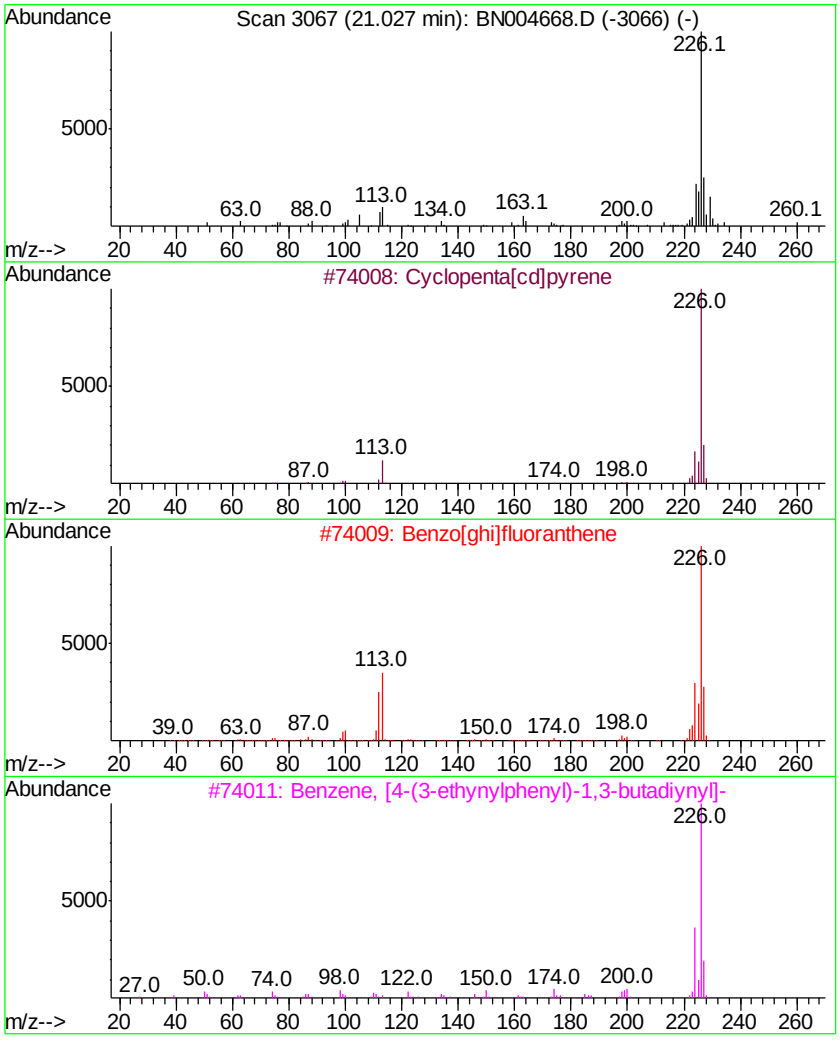
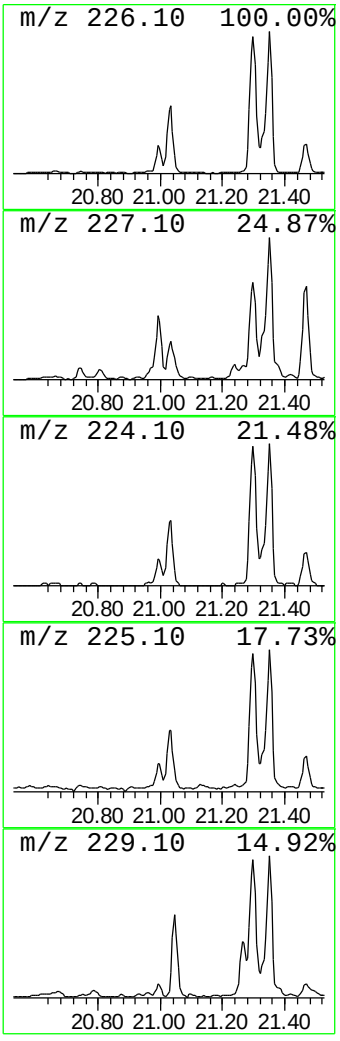
Peak Number 17 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.23 ng/ul	218652	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
4	Benz[c]acridine	229	C17H11N	000225-51-4	35
5	2,5-Dichlorobenzenesulfonic acid	226	C6H4Cl2O3S	000088-42-6	27





Library Search Compound Report

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Operator : JU/SJ
Sample : K1657-06
Misc :
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ClientSampleId : DB650

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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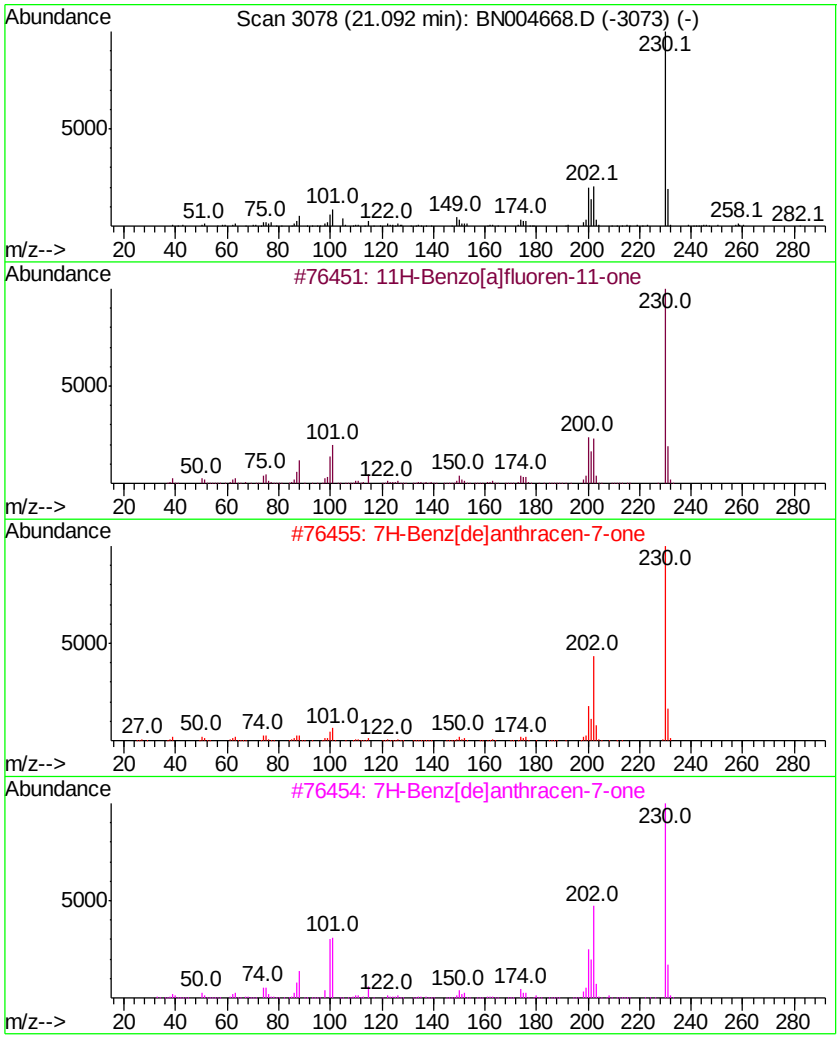
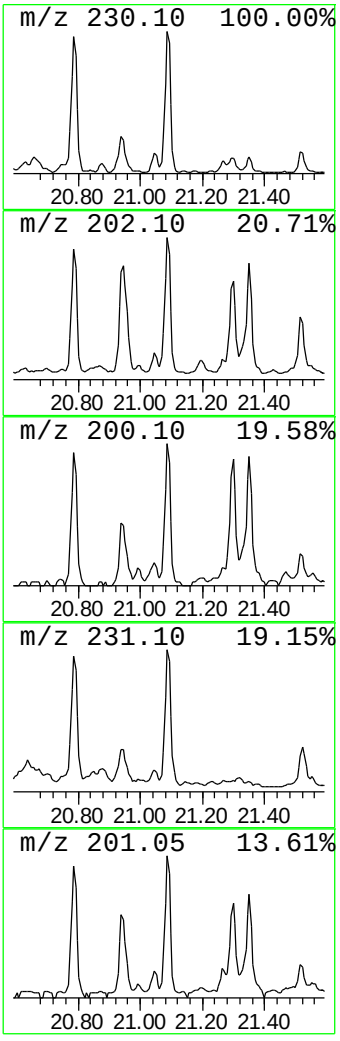
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.33 ng/ul	228380	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59





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Instrument : BNA_N
ClientSampleId : DB650

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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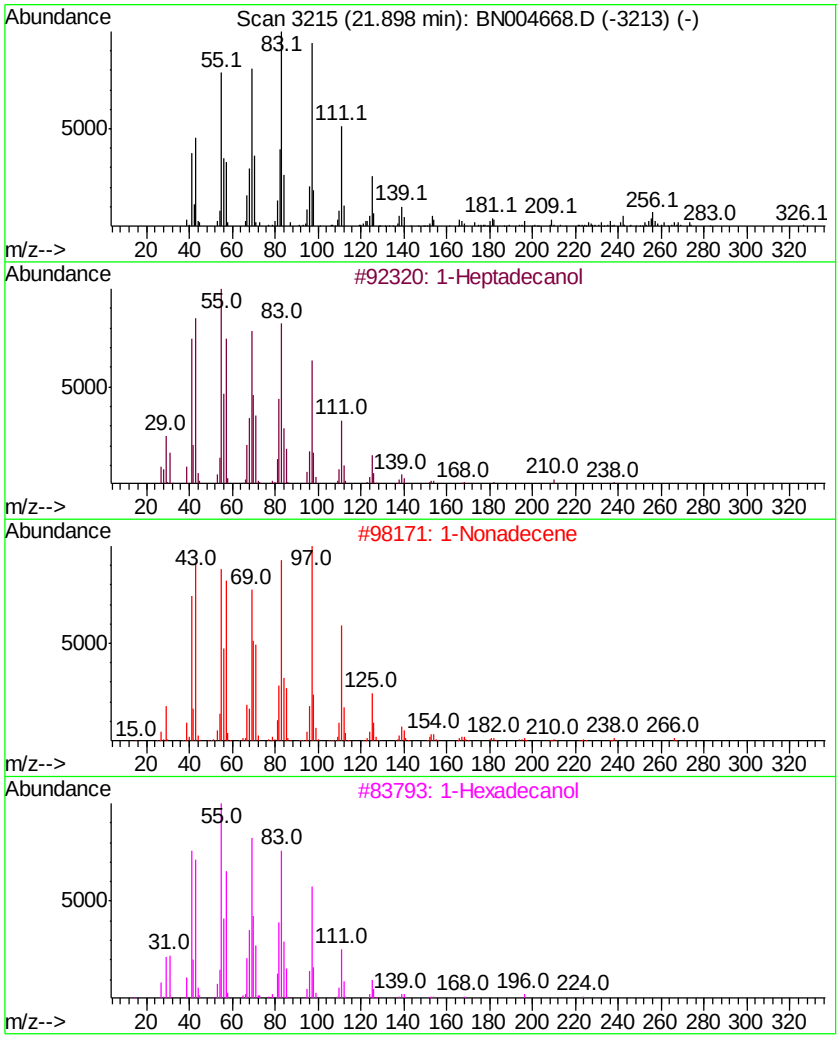
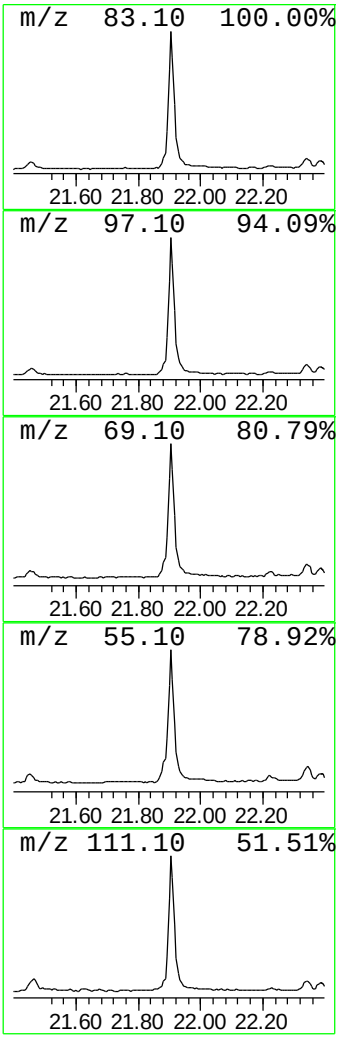
Peak Number 19 1-Heptadecanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	4.70 ng/ul	460183	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	90
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	1-Tricosanol	340	C23H48O	003133-01-5	72
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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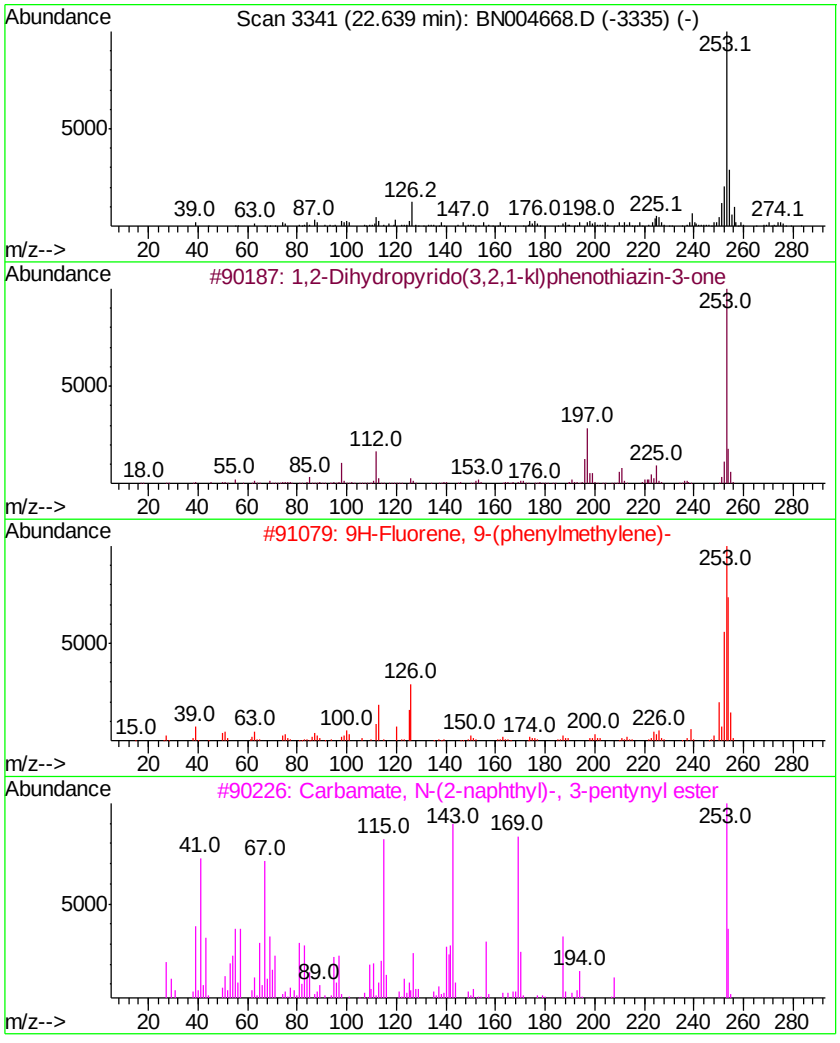
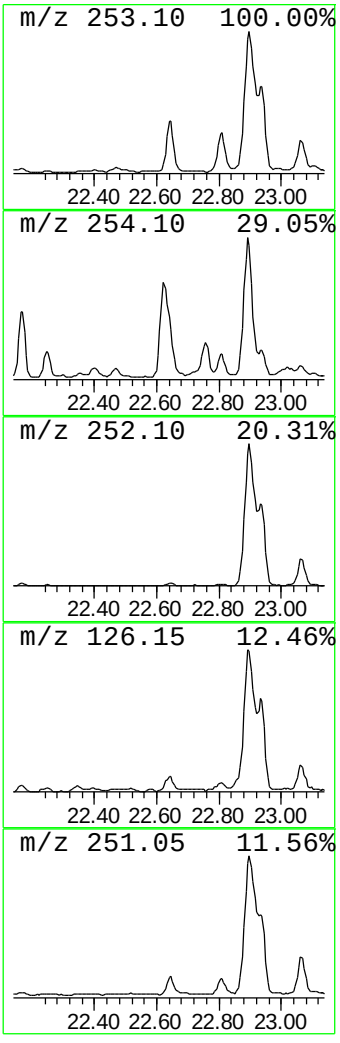
Peak Number 20 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	7.36 ng/ul	177258	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	38
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	35
3	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	25
4	4-Ethylsulfanyl-3-nitro-N-(2-p-t...	360	C18H20N2O4S	345991-11-9	25
5	Phenol, 4-methyl-2--(4-isopropyl...	253	C17H19NO	315671-87-5	25





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

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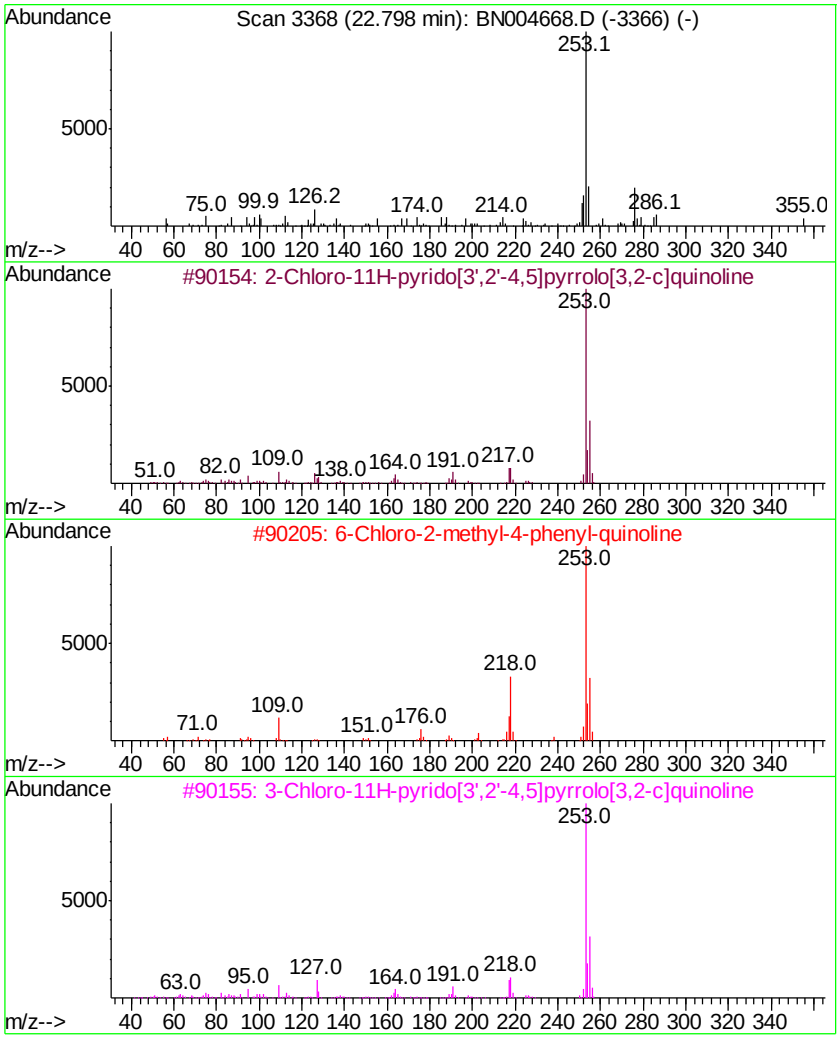
Quant Title : SVOA CALIBRATION

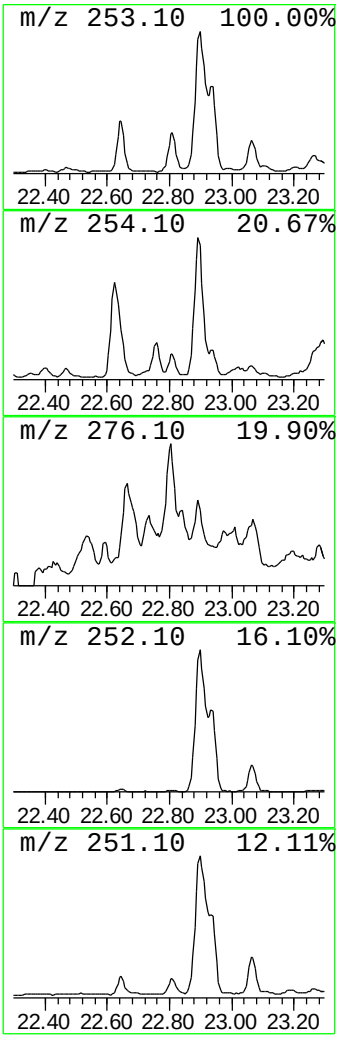
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2-Chloro-11H-pyrido[3',2'-4... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.09 ng/ul	50343	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-11H-pyrido[3',2'-4,5]py...	253	C14H8ClN3	1000212-59-3	53
2	6-Chloro-2-methyl-4-phenyl-quino...	253	C16H12ClN	022609-12-7	53
3	3-Chloro-11H-pyrido[3',2'-4,5]py...	253	C14H8ClN3	1000212-59-4	50
4	Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	36
5	N-Benzylisatoic anhydride	253	C15H11NO3	035710-05-5	33





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Instrument : BNA_N
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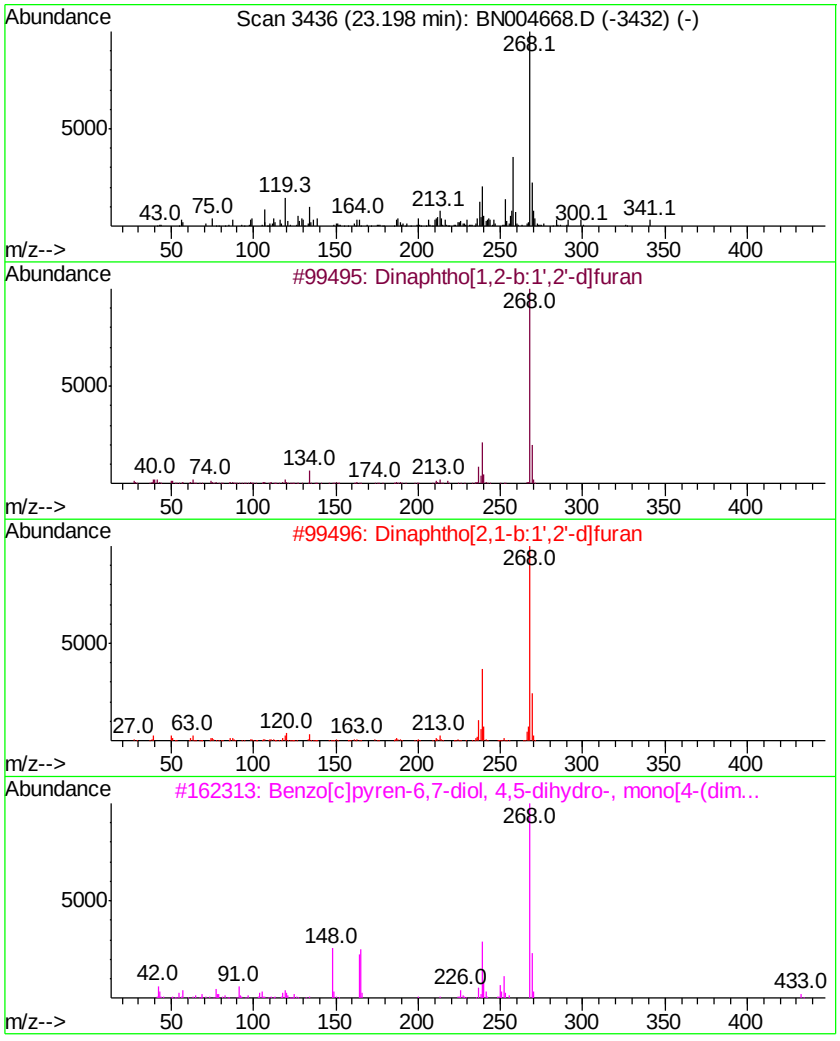
Quant Title : SVOA CALIBRATION

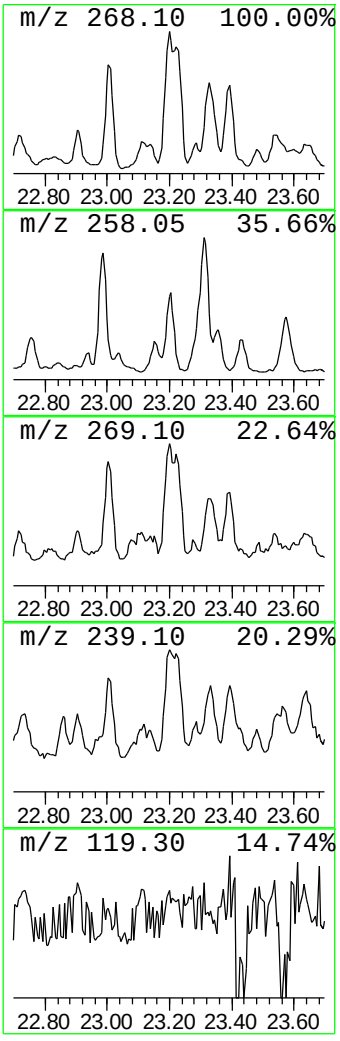
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	4.55 ng/ul	109609	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59
3	Benzo[c]pyren-6,7-diol, 4,5-dihy...	433	C29H23NO3	1000124-59-9	59
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
5	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	52





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Sample : K1657-06
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Instrument : BNA_N
ClientSampleId : DB650

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Quant Title : SVOA CALIBRATION

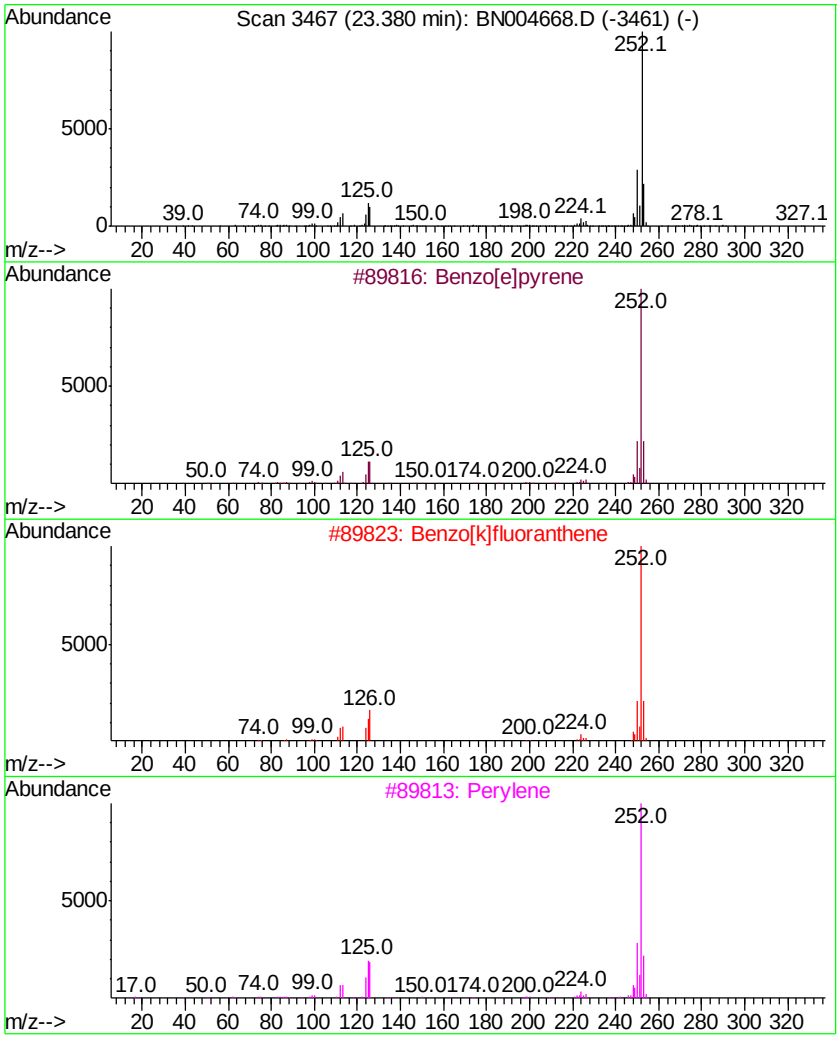
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

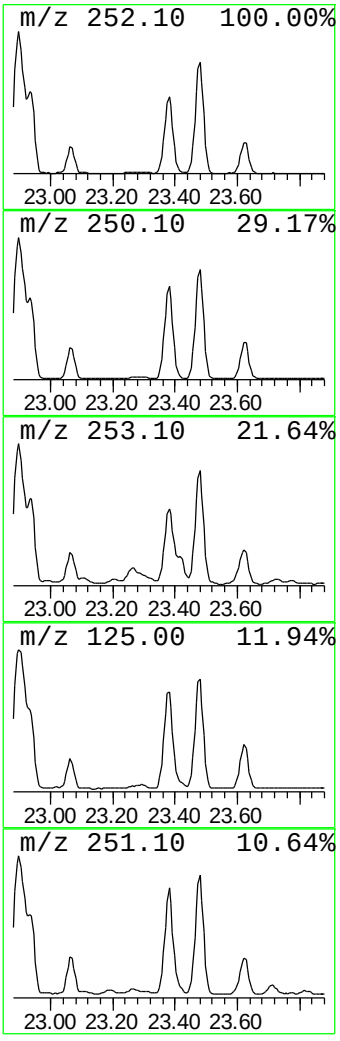
****

Peak Number 24 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	25.27 ng/ul	608580	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





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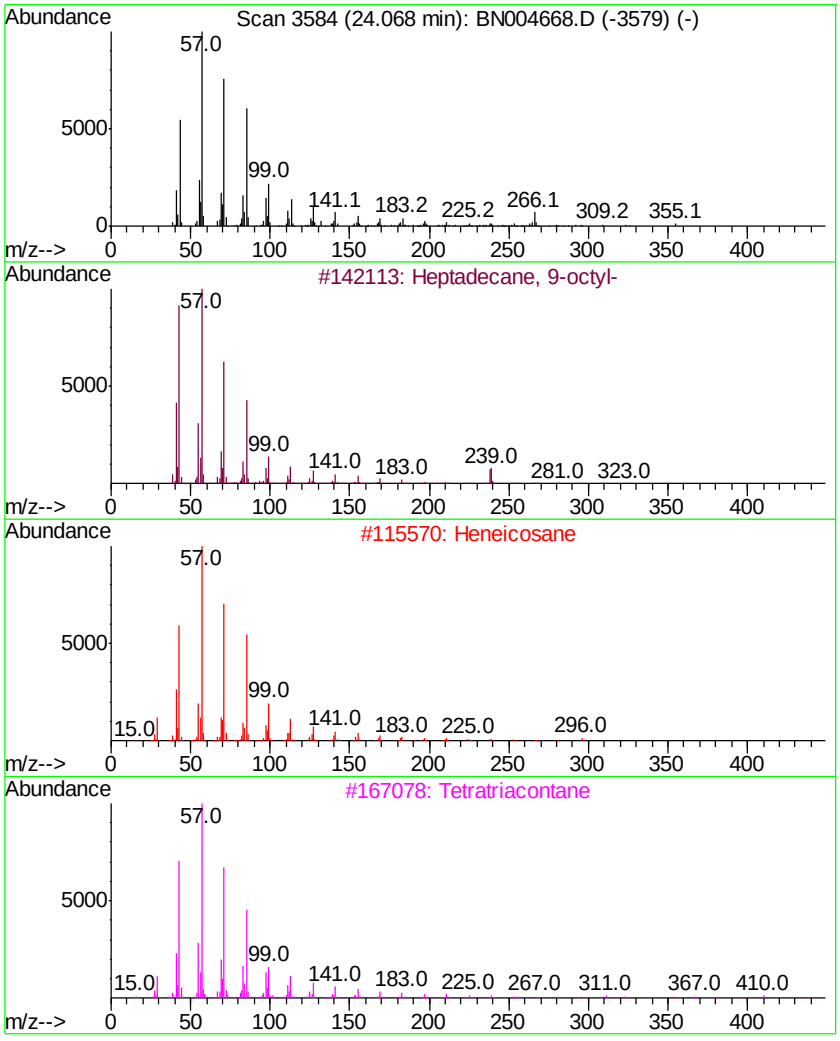
Quant Title : SVOA CALIBRATION

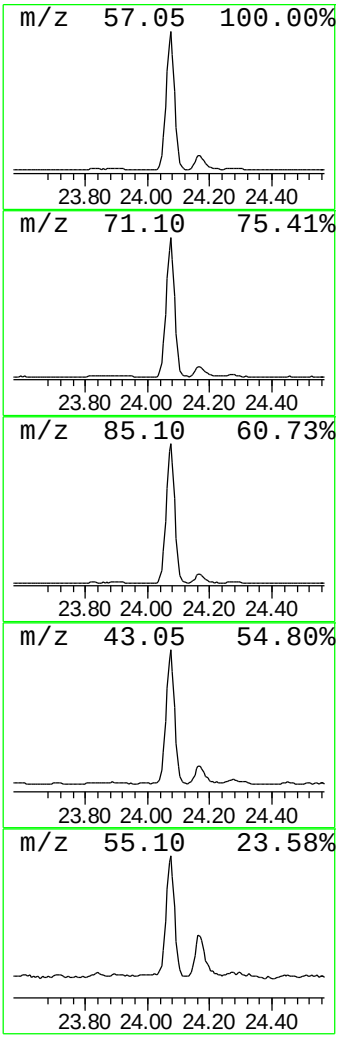
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	19.52 ng/ul	469977	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

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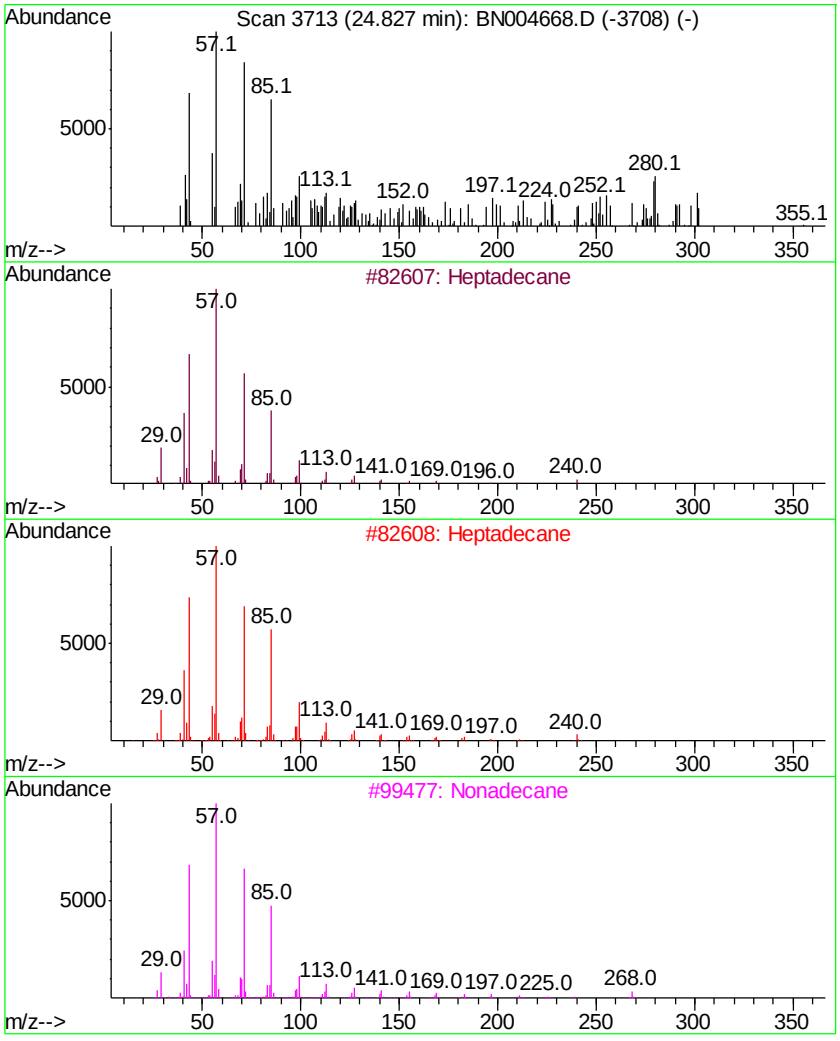
Quant Title : SVOA CALIBRATION

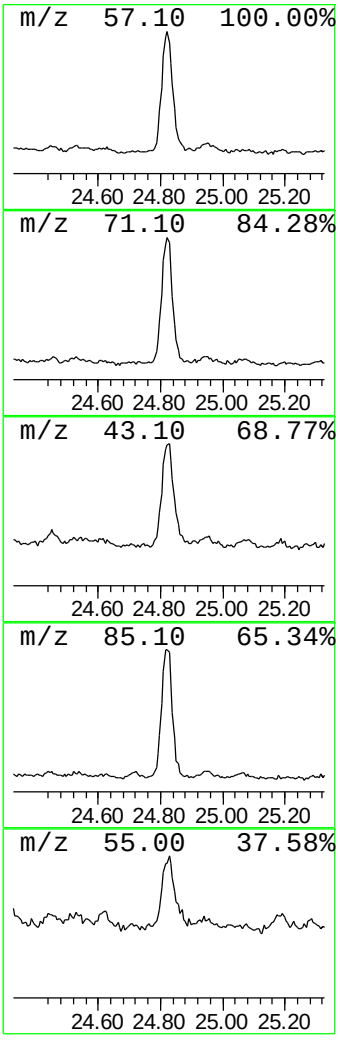
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.83	8.81 ng/ul	212188	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	70
2	Heptadecane	240	C17H36	000629-78-7	55
3	Nonadecane	268	C19H40	000629-92-5	49
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	46
5	1-Iodoundecane	282	C11H23I	004282-44-4	46





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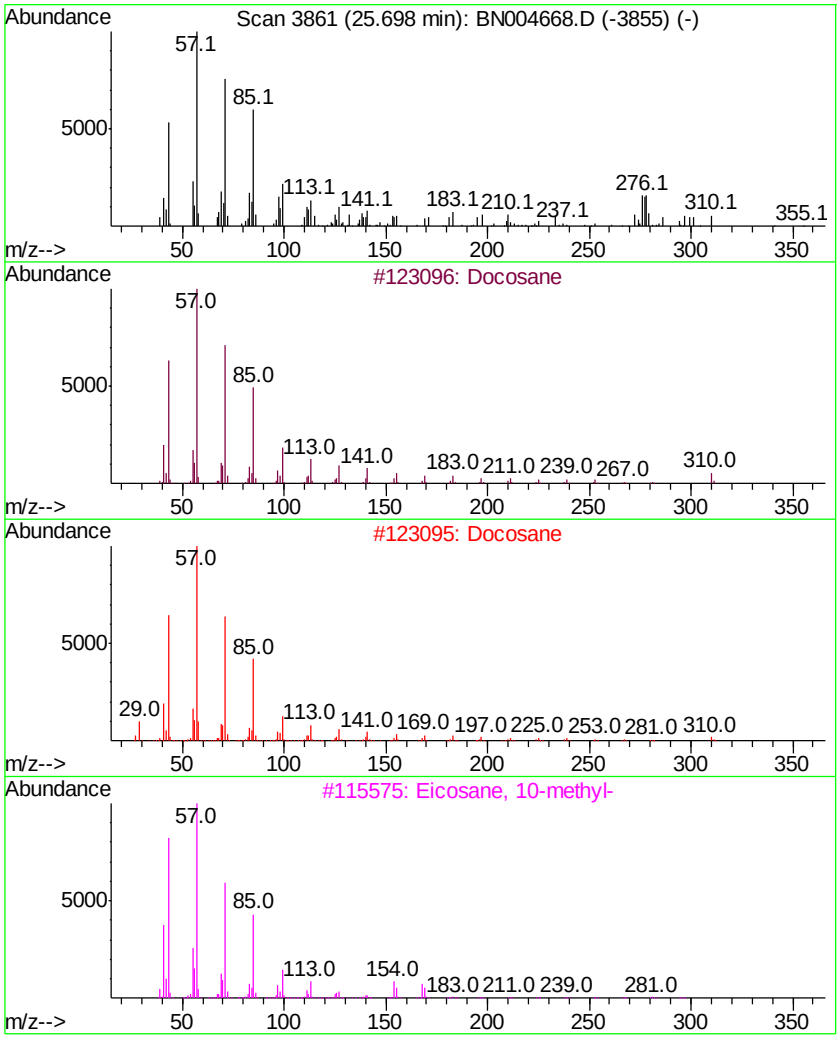
Quant Title : SVOA CALIBRATION

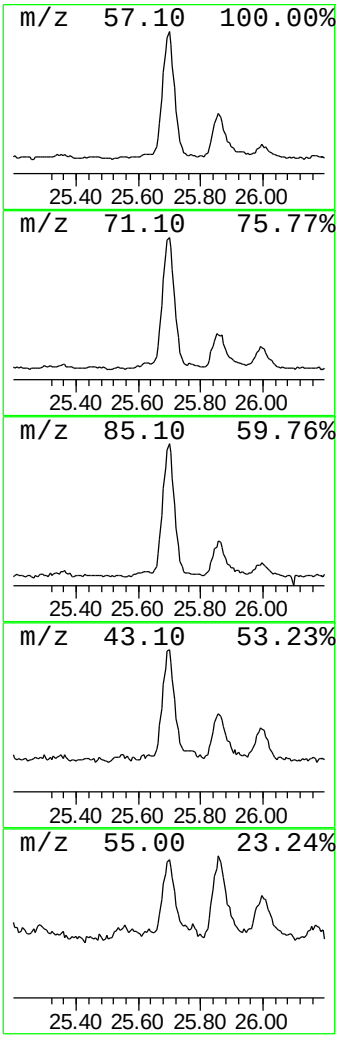
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.70	5.27 ng/ul	126795	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Docosane	310	C22H46	000629-97-0	76
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	70
4	Tetratriacontane	479	C34H70	014167-59-0	70
5	Eicosane	282	C20H42	000112-95-8	70





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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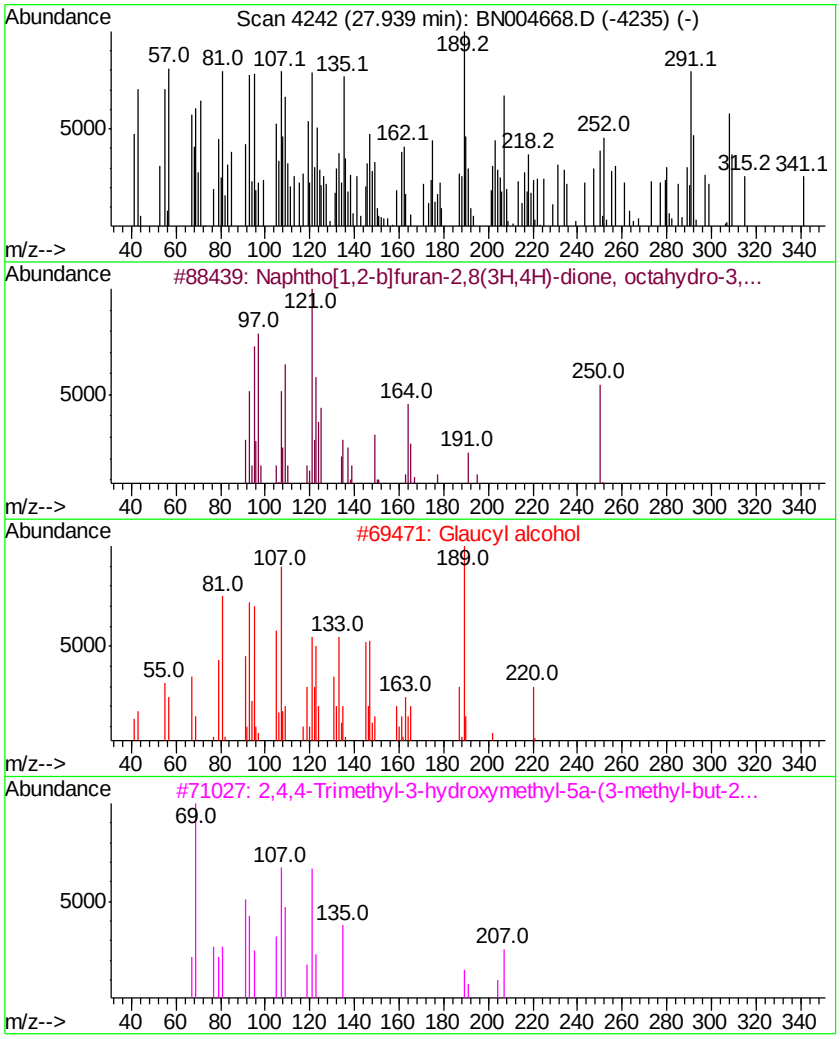
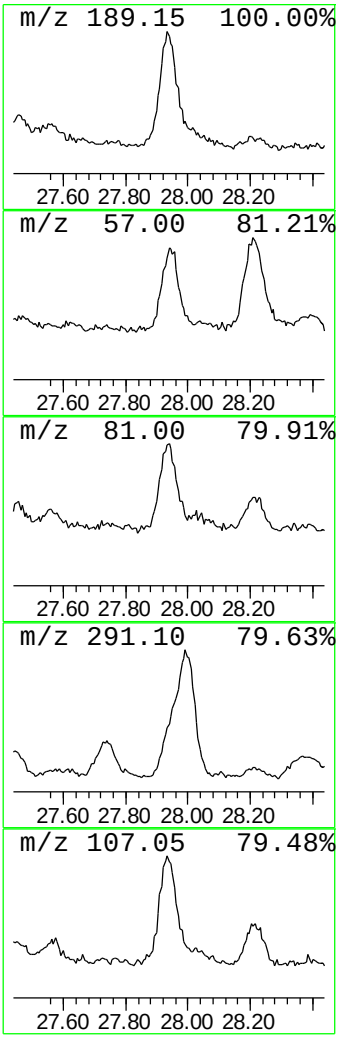
Peak Number 28 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.94	8.14 ng/ul	196082	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]furan-2,8(3H,4H)-d...	250	C15H22O3	017956-11-5	42
2	Glaucyl alcohol	220	C15H24O	087745-32-2	38
3	2,4,4-Trimethyl-3-hydroxymethyl-...	222	C15H26O	1000144-10-5	27
4	1,5-Cycloundecadiene, 9-(1-methy...	190	C14H22	062338-55-0	25
5	4,8-Methanoazulen-9-ol, decahydr...	222	C15H26O	004586-22-5	25





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Quant Title : SVOA CALIBRATION

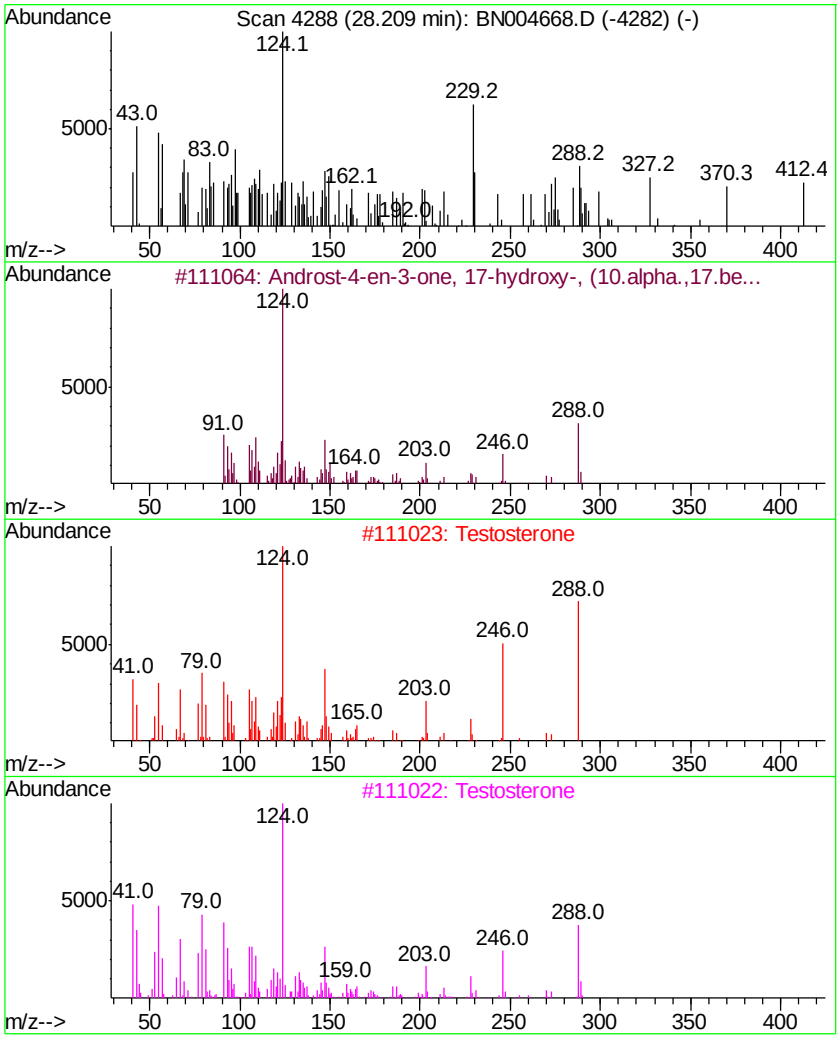
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

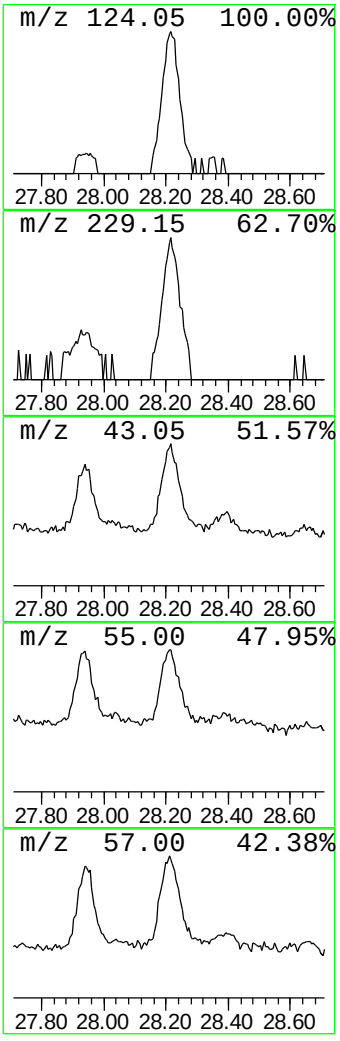
****

Peak Number 29 Androst-4-en-3-one, 17-hydr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.21	7.90 ng/ul	190271	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	81
2	Testosterone	288	C19H28O2	000058-22-0	55
3	Testosterone	288	C19H28O2	000058-22-0	30
4	Hyoscyamine Hydrobromide	289	C17H23NO3	000306-03-6	25
5	Testosterone	288	C19H28O2	000058-22-0	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004668.D
Acq On : 08 Mar 2019 09:32
Operator : JU/SJ
Sample : K1657-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB650

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,2-Ethanediol, m...	12.99	15.7	ng/ul	681460	3	14.36	867417	20.0
Caryophyllene	13.67	13.8	ng/ul	597022	3	14.36	867417	20.0
Copaene	15.83	2.3	ng/ul	60877	4	17.11	541733	20.0
9H-Fluoren-9-one	16.76	2.2	ng/ul	59361	4	17.11	541733	20.0
Anthracene, 1-met...	17.99	11.1	ng/ul	301770	4	17.11	541733	20.0
4H-Cyclopenta[def...	18.18	9.7	ng/ul	262056	4	17.11	541733	20.0
Anthracene, 9-met...	18.22	2.3	ng/ul	62680	4	17.11	541733	20.0
5,16[1',2']:8,13[...	18.49	4.2	ng/ul	113841	4	17.11	541733	20.0
9,10-Anthracenedione	18.53	4.0	ng/ul	107412	4	17.11	541733	20.0
Phenanthrene, 2,5...	18.90	4.0	ng/ul	109022	4	17.11	541733	20.0
Cyclopenta(def)ph...	19.05	4.1	ng/ul	112048	4	17.11	541733	20.0
11H-Benzo[b]fluorene	20.04	3.0	ng/ul	294239	5	21.32	1957700	20.0
11H-Benzo[a]fluor...	20.79	2.2	ng/ul	213544	5	21.32	1957700	20.0
Cinnamyl cinnamate	20.86	4.4	ng/ul	428089	5	21.32	1957700	20.0
Benzo[b]naphtho[2...	20.96	3.1	ng/ul	299966	5	21.32	1957700	20.0
(DEL) Alkane: Cyc...	21.00	3.8	ng/ul	375923	5	21.32	1957700	20.0
unknown-01	21.03	2.2	ng/ul	218652	5	21.32	1957700	20.0
7H-Benz[de]anthra...	21.09	2.3	ng/ul	228380	5	21.32	1957700	20.0
1-Heptadecanol	21.90	4.7	ng/ul	460183	5	21.32	1957700	20.0
unknown-02	22.64	7.4	ng/ul	177258	6	23.57	481574	20.0
2-Chloro-11H-pyri...	22.80	2.1	ng/ul	50343	6	23.57	481574	20.0
Dinaphtho[1,2-b:1...	23.20	4.5	ng/ul	109609	6	23.57	481574	20.0
Benzo[e]pyrene	23.38	25.3	ng/ul	608580	6	23.57	481574	20.0
(DEL) Alkane: Str...	24.07	19.5	ng/ul	469977	6	23.57	481574	20.0
(DEL) Alkane: Str...	24.83	8.8	ng/ul	212188	6	23.57	481574	20.0
(DEL) Alkane: Str...	25.70	5.3	ng/ul	126795	6	23.57	481574	20.0
unknown-03	27.94	8.1	ng/ul	196082	6	23.57	481574	20.0
Androst-4-en-3-on...	28.21	7.9	ng/ul	190271	6	23.57	481574	20.0