LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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-BN061918.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	3.022	3	6	12	rVB	776857	962357	1.15%	0.115%
2	6.881	654	662	672	rBV	468354	895898	1.07%	0.107%
3	7.246	718	724	738	rVB	490667	777884	0.93%	0.093%
4	7.710	796	803	813	rBV	2654239	4234389	5.07%	0.504%
5	8.404	914	921	930	rBV	539124	901478	1.08%	0.107%
6	8.851	991	997	1010	rVB	433394	746433	0.89%	0.089%
7	10.104	1203	1210	1218	rVB	589853	980581	1.18%	0.117%
8	10.481	1266	1274	1280	rBV	3838426	6509612	7.80%	0.775%
9	13.751	1825	1830	1834	rVV	978560	1442430	1.73%	0.172%
10	13.792	1834	1837	1842	rVV	513902	737637	0.88%	0.088%
11	14.028	1870	1877	1878	rBV	1201436	1530659	1.83%	0.182%
12	14.057	1878	1882	1898	rVV	2773846	4583430	5.49%	0.546%
13	14.339	1920	1930	1937	rVV2	5251215	8291801	9.94%	0.988%
14	15.334	2093	2099	2104	rVB	1524174	2176034	2.61%	0.259%
15	16.051	2216	2221	2227	rBV2	968398	1795495	2.15%	0.214%
16	17.080	2390	2396	2400	rBV2	5372862	8100232	9.71%	0.965%
17	17.128	2400	2404	2408	rVB	2465651	3411694	4.09%	0.406%
18	17.180	2408	2413	2415	rBV	1372531	1904053	2.28%	0.227%
19	17.216	2415	2419	2424	rVB	5292508	7365751	8.83%	0.877%
20	17.275	2424	2429	2436	rVB	697041	1074526	1.29%	0.128%
21	17.486	2457	2465	2469	rBV	1310948	2088720	2.50%	0.249%
22	17.528	2469	2472	2482	rVV	662838	1475213	1.77%	0.176%
23	17.604	2482	2485	2492	rVV2	804084	1101974	1.32%	0.131%
24	17.957	2538	2545	2548	rBV2	577003	1113242	1.33%	0.133%
25	18.004	2548	2553	2561	rVB2	1383206	2497872	2.99%	0.298%
26	18.086	2561	2567	2571	rBV	1727654	2635386	3.16%	0.314%
27	18.157	2571	2579	2583	rBV4	1328251	2986702	3.58%	0.356%
28	18.275	2594	2599	2602	rBV3	400613	754962	0.90%	0.090%
29	18.463	2628	2631	2634	rVV	810527	927773	1.11%	0.111%
30	18.504	2634	2638	2644	rVB2	968867	1437029	1.72%	0.171%
31	18.710	2670	2673	2677	rVB2	804585	1023606	1.23%	0.122%
32	18.763	2677	2682	2685	rVB2	754316	1050901	1.26%	0.125%
33	18.804	2685	2689	2693	rVB	981629	1316850	1.58%	0.157%
34	18.880	2697	2702	2708	rBV	1959990	3412866	4.09%	0.407%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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-BN061918.M
Title : SVOA CALIBRATION

35	18.945	2708	2713	2716	rBV3	1009523	1745529	2.09%	0.208%
36	19.027	2722	2727	2735	rBV	3911961	5910247	7.08%	0.704%
37	19.157	2742	2749	2755	rVB	29019771	45381682	54.38%	5.406%
38	19.222	2756	2760	2762	rBV	907432	1248488	1.50%	0.149%
39	19.251	2762	2765	2769	rVB3	865023	1137465	1.36%	0.135%
40	19.298	2769	2773	2777	rVB	1415381	1966687	2.36%	0.234%
41	19.351	2777	2782	2784	rBV4	671957	1131009	1.36%	0.135%
42	19.392	2785	2789	2792	rVB2	864422	1214351	1.46%	0.145%
43	19.522	2800	2811	2818	rBV3	34425313	68062433	81.56%	8.107%
44	19.592	2818	2823	2829	rVB3	1996799	3970847	4.76%	0.473%
45	19.692	2835	2840	2845	rBV	2251257	3526161	4.23%	0.420%
46	19.751	2846	2850	2856	rVB2	3023503	4904063	5.88%	0.584%
47	19.845	2859	2866	2872	rBV3	5412572	13308478	15.95%	1.585%
48	19.927	2877	2880	2883	rBV3	717040	803410	0.96%	0.096%
49	19.980	2883	2889	2891	rBV3	5273026	10065082	12.06%	1.199%
50	20.057	2899	2902	2907	rBV2	1002915	1682696	2.02%	0.200%
51	20.110	2907	2911	2915	rVV	2670029	3319540	3.98%	0.395%
52	20.169	2915	2921	2925	rVV2	7473312	13171906	15.78%	1.569%
53	20.210	2925	2928	2931	rVV	1750976	2106861	2.52%	0.251%
54	20.251	2932	2935	2940	rVB	1230424	1599852	1.92%	0.191%
55	20.310	2941	2945	2949	rBV	5548494	7590649	9.10%	0.904%
56	20.357	2949	2953	2957	rVB3	3673074	5384050	6.45%	0.641%
57	20.574	2985	2990	2992	rBV3	1574599	2854530	3.42%	0.340%
58	20.680	3005	3008	3011	rVB2	1182555	1318106	1.58%	0.157%
59	20.763	3018	3022	3029	rVB	8352407	11324664	13.57%	1.349%
60	20.851	3033	3037	3042	rVB2	2232931	3597477	4.31%	0.429%
61	20.927	3044	3050	3054	rBV2	7023631	13015961	15.60%	1.550%
62	20.968	3054	3057	3060	rVV	5515767	6847832	8.21%	0.816%
63	21.010	3060	3064	3069	rVV2	7022430	10363907	12.42%	1.235%
64	21.063	3069	3073	3081	rVB2	5648893	8907014	10.67%	1.061%
65	21.168	3085	3091	3099	rBV4	2174446	5398192	6.47%	0.643%
66	21.274	3100	3109	3113	rBV2	27541077	53693621	64.34%	6.396%
67	21.333	3115	3119	3128	rVB	26061888	41869300	50.17%	4.987%
68	21.404	3128	3131	3134	rBV3	1301757	1539964	1.85%	0.183%
69	21.445	3134	3138	3143	rBV2	2738387	5089809	6.10%	0.606%
70	21.516	3144	3150	3152	rBV5	1373847	3175111	3.80%	0.378%
71	21.598	3159	3164	3169	rBV2	5132267	7925170	9.50%	0.944%

LSC Area Percent Report

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Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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-BN061918.M
Title : SVOA CALIBRATION

72	21.645	3169	3172	3176	rBV2	3180868	4335276	5.19%	0.516%
73	21.780	3192	3195	3198	rBV2	1826928	2527730	3.03%	0.301%
74	21.839	3198	3205	3209	rVV	7407788	12718449	15.24%	1.515%
75	21.892	3210	3214	3219	rVB2	5504955	7859231	9.42%	0.936%
76	21.963	3223	3226	3233	rVB3	2520980	4459294	5.34%	0.531%
77	22.033	3234	3238	3241	rBV	3714537	5463793	6.55%	0.651%
78	22.133	3251	3255	3260	rVB3	2610703	3776890	4.53%	0.450%
79	22.315	3282	3286	3291	rBV2	2518801	3762158	4.51%	0.448%
80	22.433	3303	3306	3308	rBV2	973778	1187416	1.42%	0.141%
81	22.492	3313	3316	3321	rVB2	2527892	3816110	4.57%	0.455%
82	22.610	3329	3336	3347	rVB3	4942802	13084750	15.68%	1.559%
83	22.733	3354	3357	3362	rVB	1803868	2634193	3.16%	0.314%
84	22.880	3372	3382	3386	rBV	31367687	83451953	100.00%	9.941%
85	23.033	3403	3408	3413	rBV	6652855	10793962	12.93%	1.286%
86	23.163	3425	3430	3438	rBV	3086485	8091445	9.70%	0.964%
87	23.351	3454	3462	3470	rVB	19347358	42124960	50.48%	5.018%
88	23.445	3471	3478	3484	rVB	20495492	41059815	49.20%	4.891%
89	23.533	3485	3493	3496	rBV	2948934	6940618	8.32%	0.827%
90	23.580	3496	3501	3509	rVB2	8476738	18718964	22.43%	2.230%
91	24.068	3580	3584	3592	rVB2	1989478	4044484	4.85%	0.482%
92	25.086	3752	3757	3763	rBV2	1583133	3513453	4.21%	0.419%
93	25.251	3780	3785	3792	rVB3	2987831	6836777	8.19%	0.814%
94	25.468	3814	3822	3827	rBV2	1539412	4312406	5.17%	0.514%
95	25.539	3828	3834	3842	rVB2	3098090	7806942	9.36%	0.930%
96	25.792	3865	3877	3885	rVB	13408695	42253769	50.63%	5.033%
97	25.874	3887	3891	3899	rVB	828762	1810235	2.17%	0.216%
98	26.027	3912	3917	3926	rVB2	1631988	3696583	4.43%	0.440%
99	26.115	3928	3932	3939	rVV2	940127	2132136	2.55%	0.254%
100	26.474	3981	3993	4004	rVB	8527444	27890224	33.42%	3.322%

Sum of corrected areas: 839501630

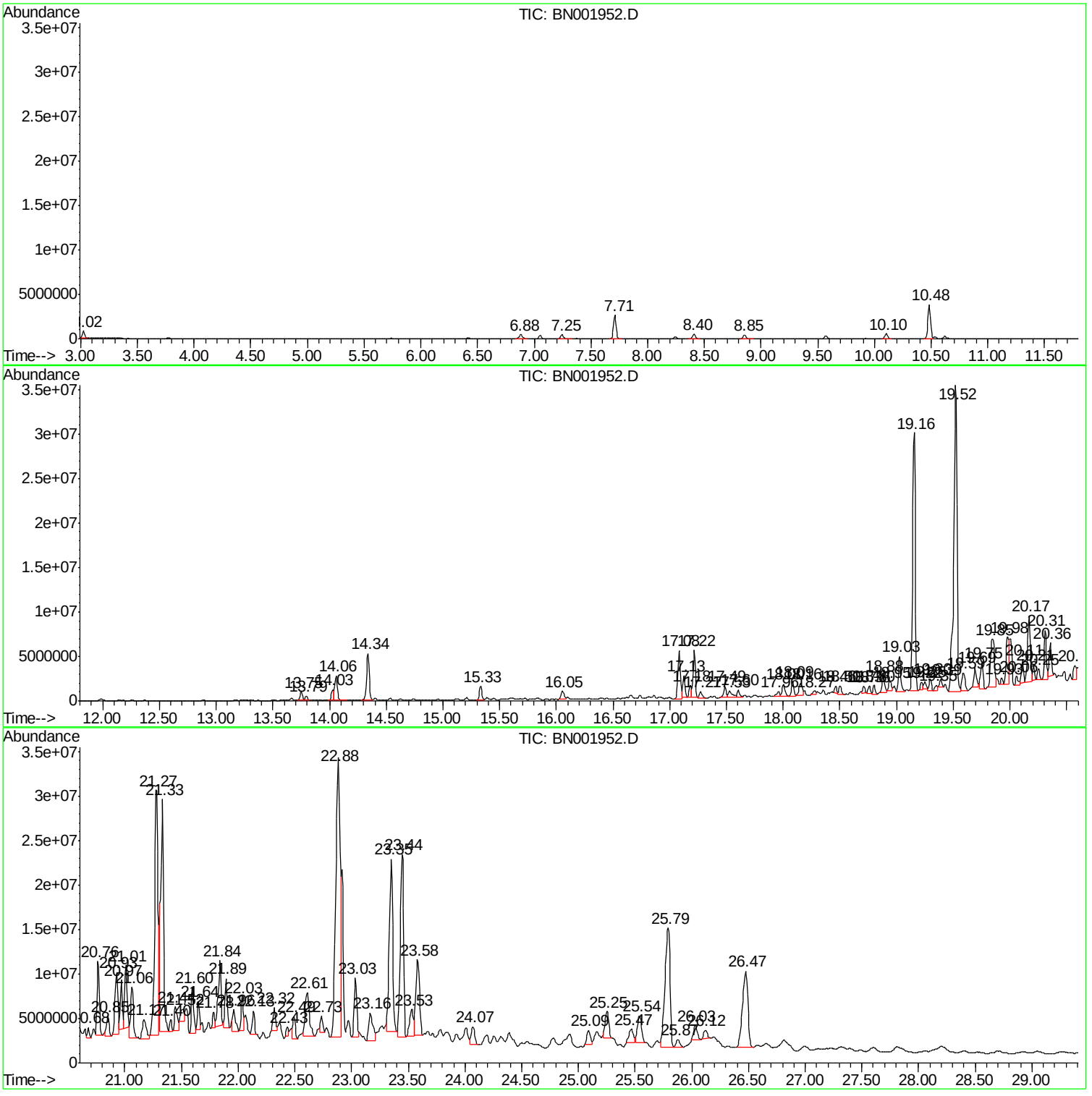
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

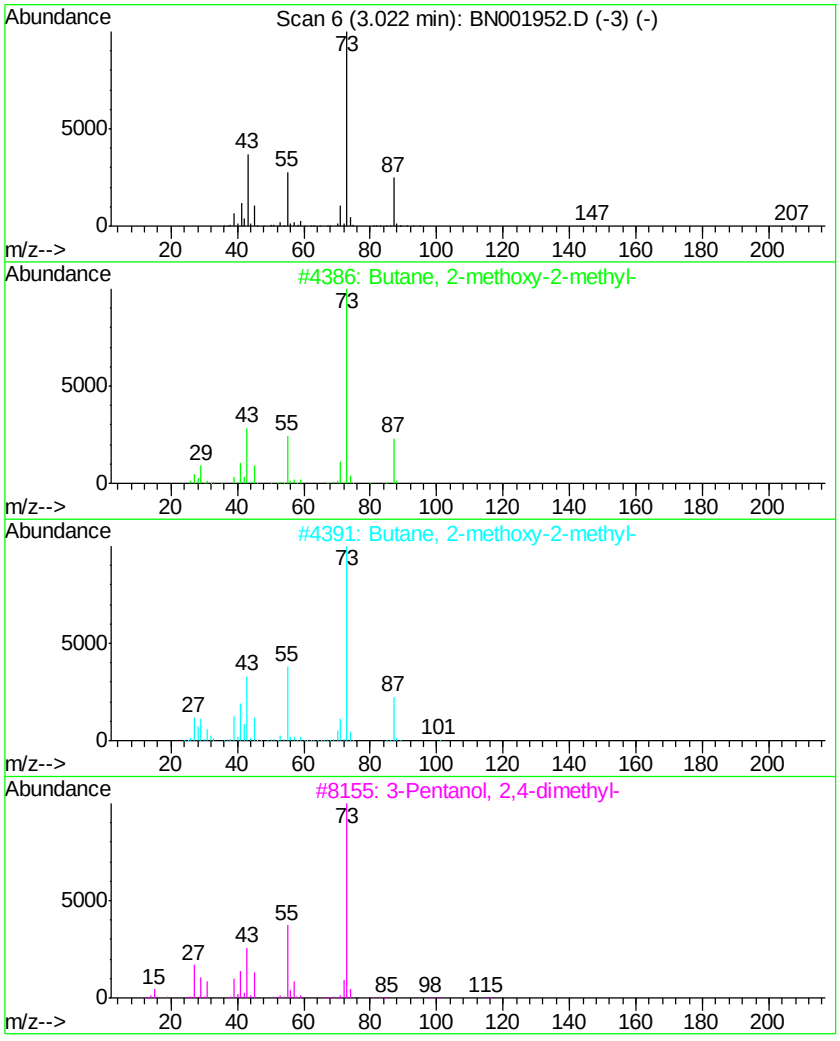
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

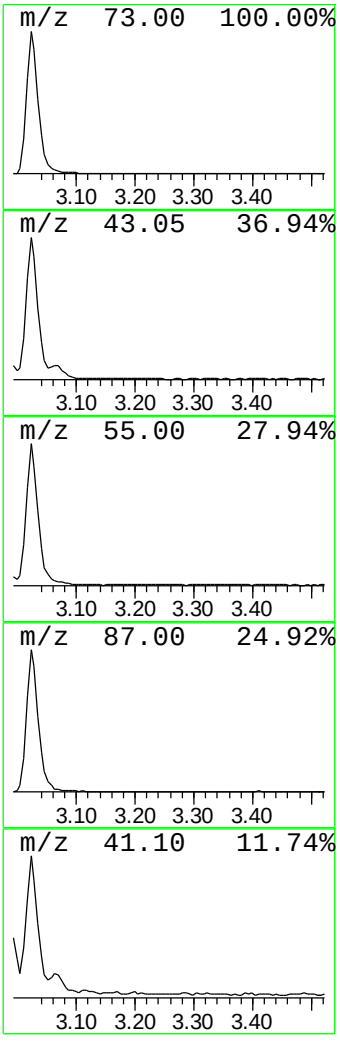
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	4.55 ng/ul	962357	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

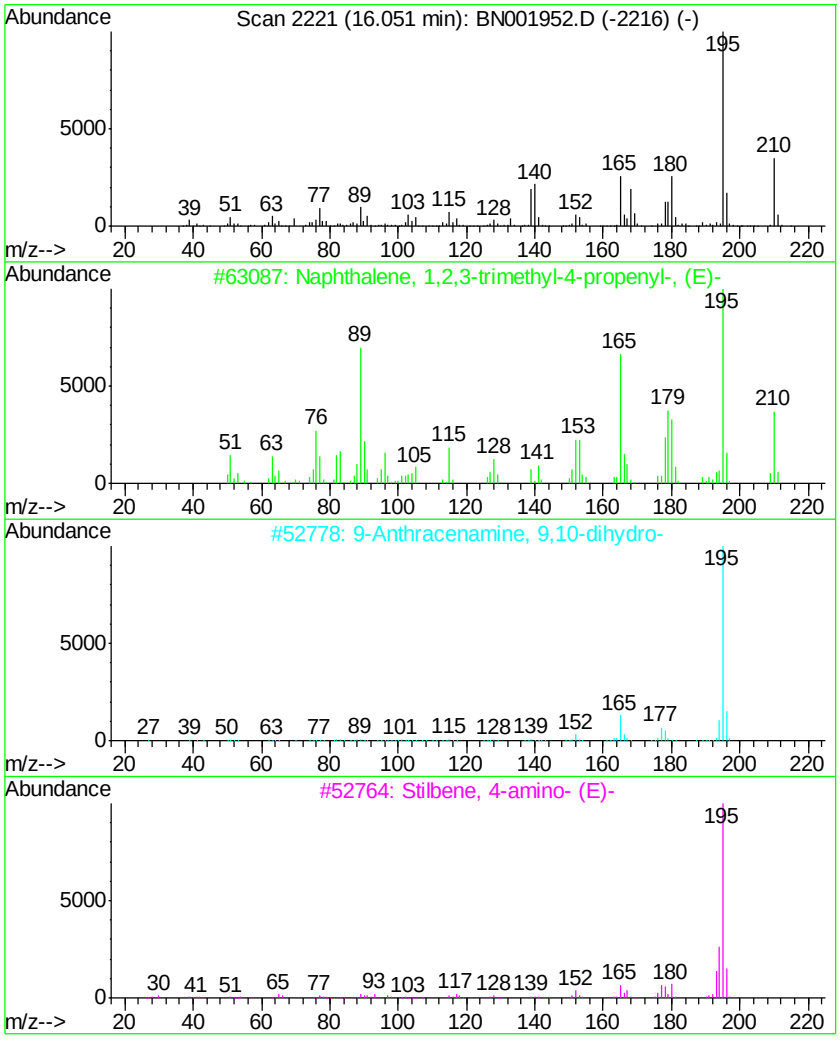
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

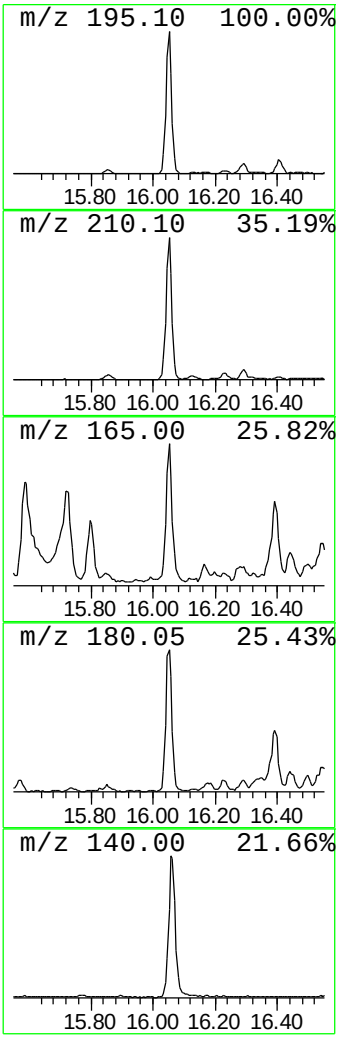
****

Peak Number 2 Naphthalene, 1,2,3-trimethy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	4.43 ng/ul	1795500	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	52
2	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	49
3	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	47
4	Carbazole, 2,6-dimethyl-	195	C14H13N	078787-80-1	43
5	1-Amino-9-fluorenone	195	C13H9NO	006344-62-3	43





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Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

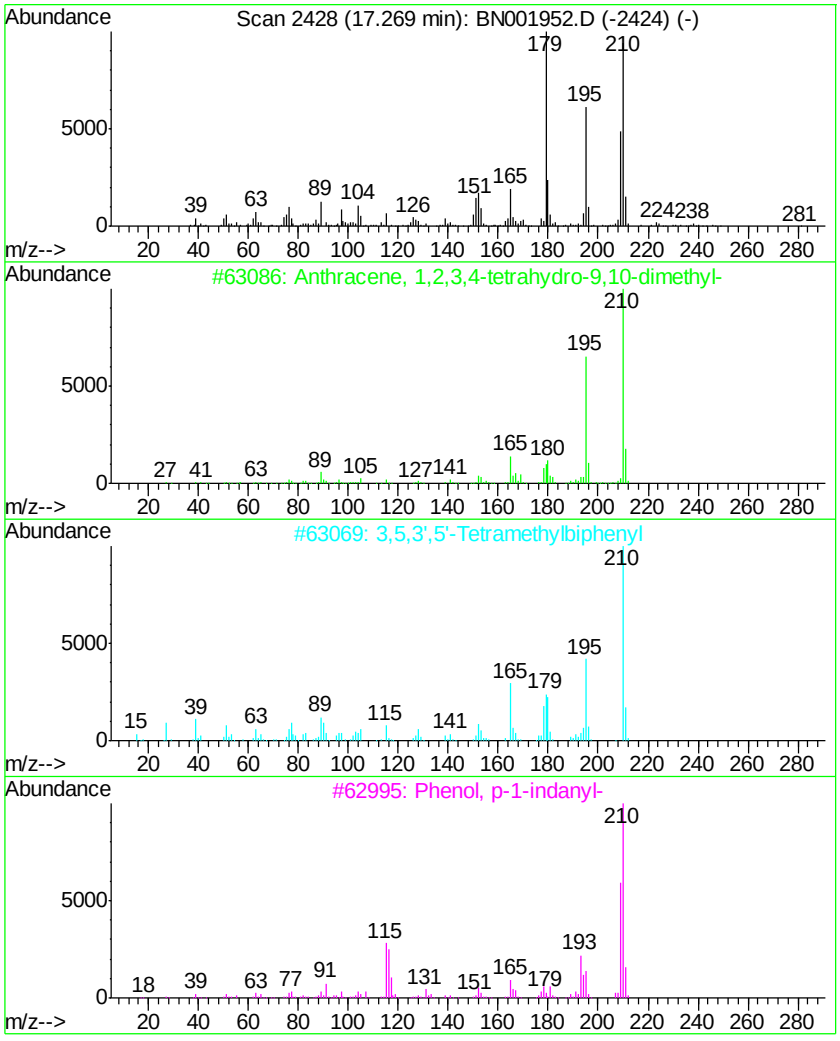
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

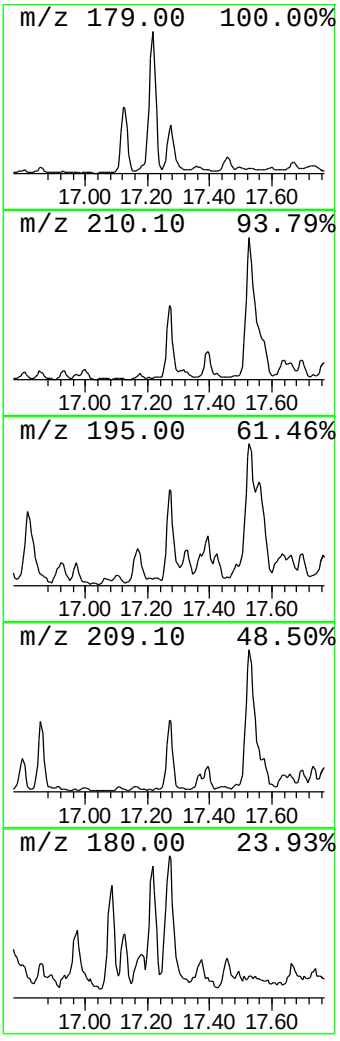
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.65 ng/ul	1074530	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-9...	210	C16H18	094573-50-9	50
2	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	46
3	Phenol, p-1-indanyl-	210	C15H14O	005402-37-9	45
4	3-(N,N-Dimethylamino)carbazole	210	C14H14N2	001140-50-7	45
5	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

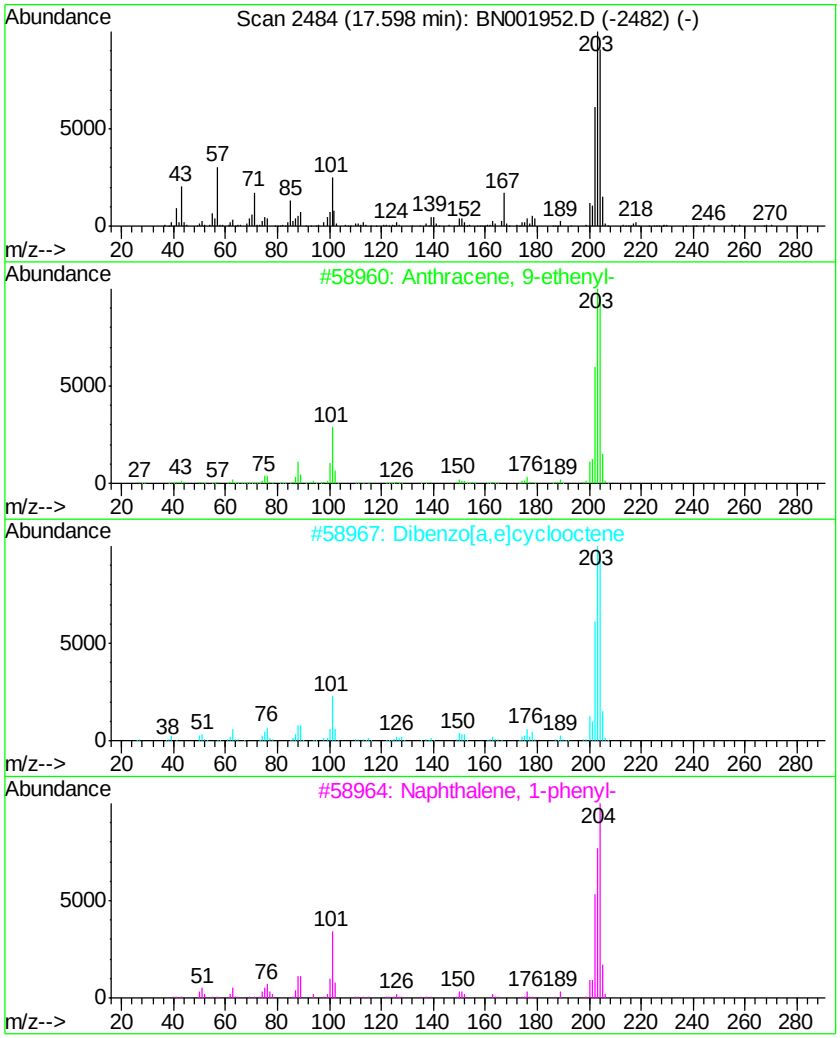
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

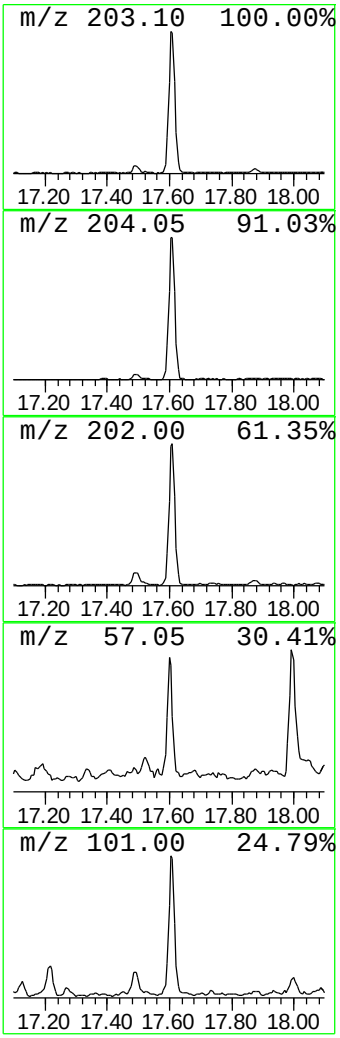
****

Peak Number 4 Anthracene, 9-ethenyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	2.72 ng/ul	1101970	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

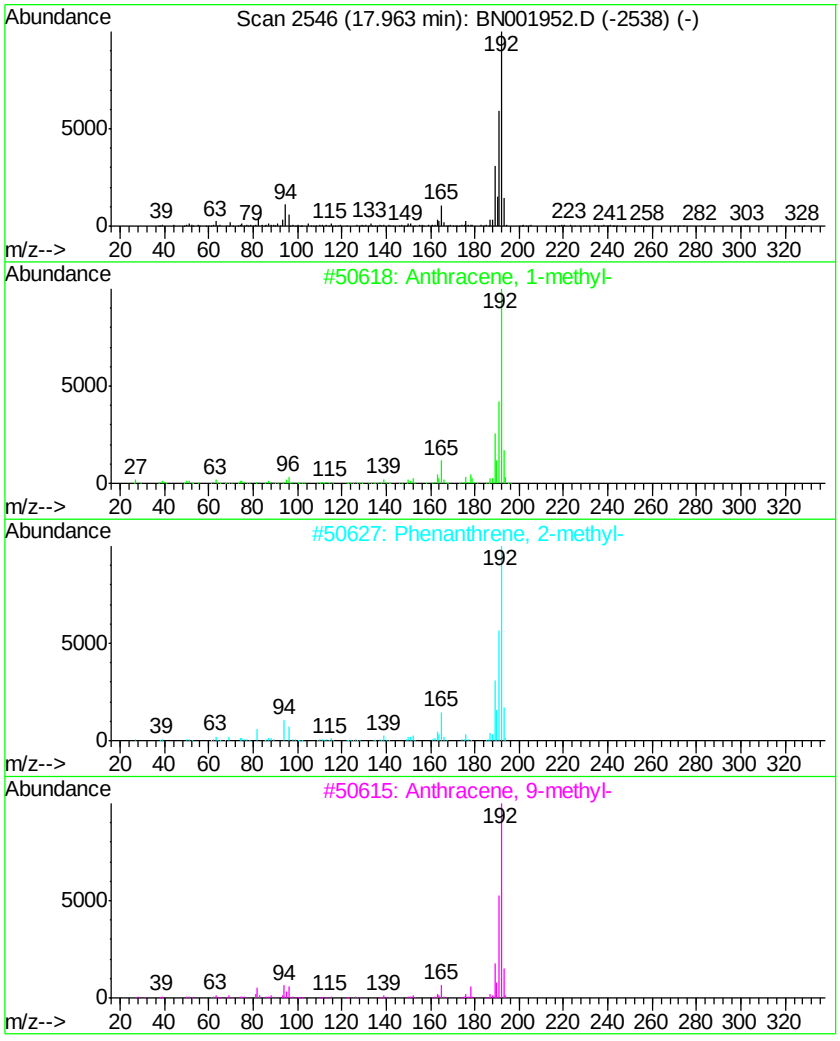
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

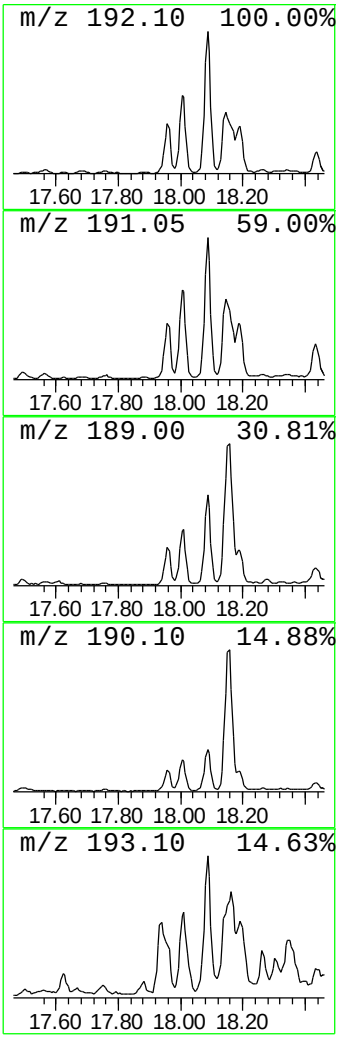
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.75 ng/ul	1113240	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





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Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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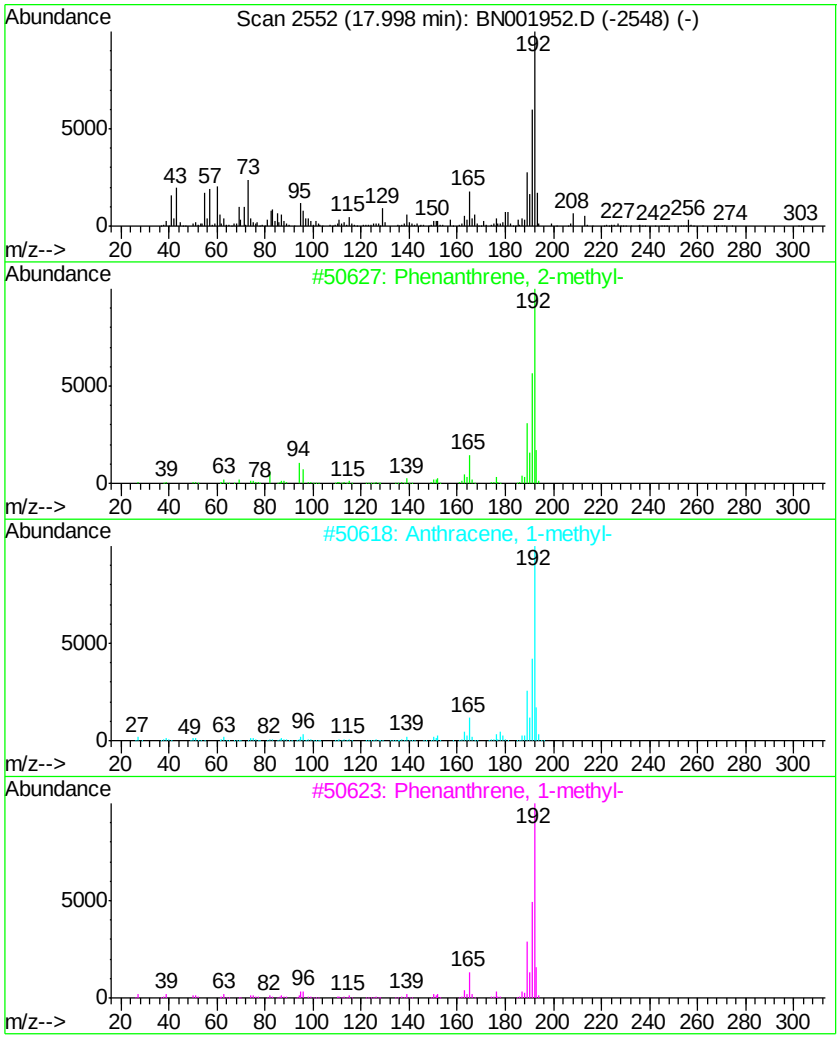
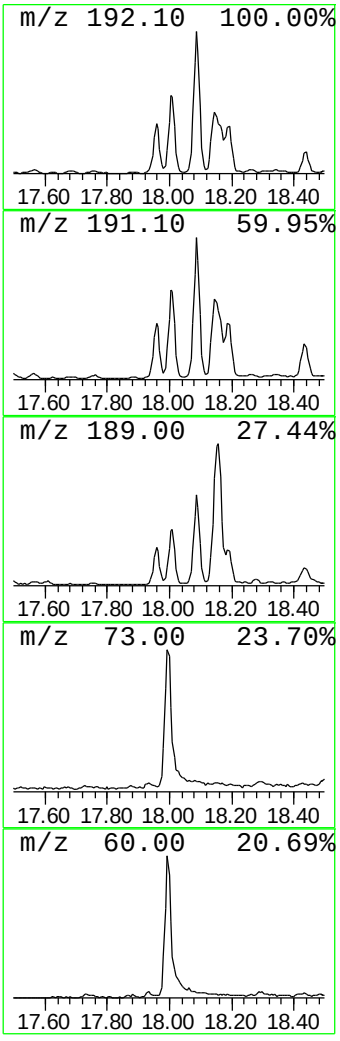
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	6.17 ng/ul	2497870	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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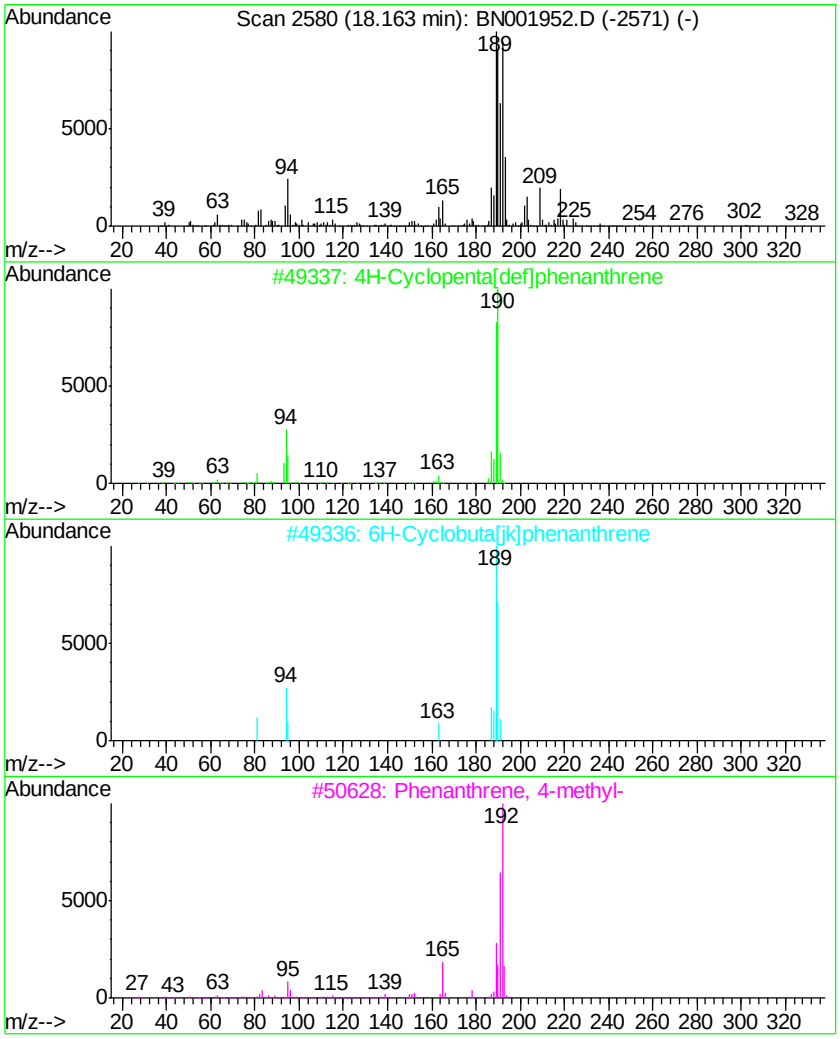
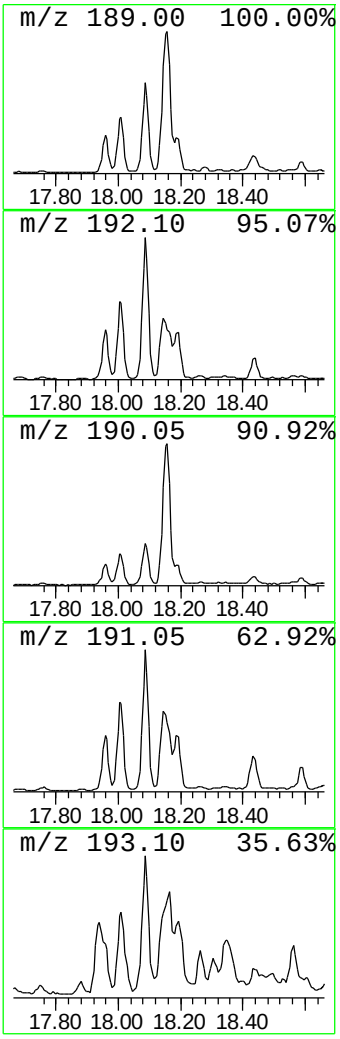
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	7.37 ng/ul	2986700	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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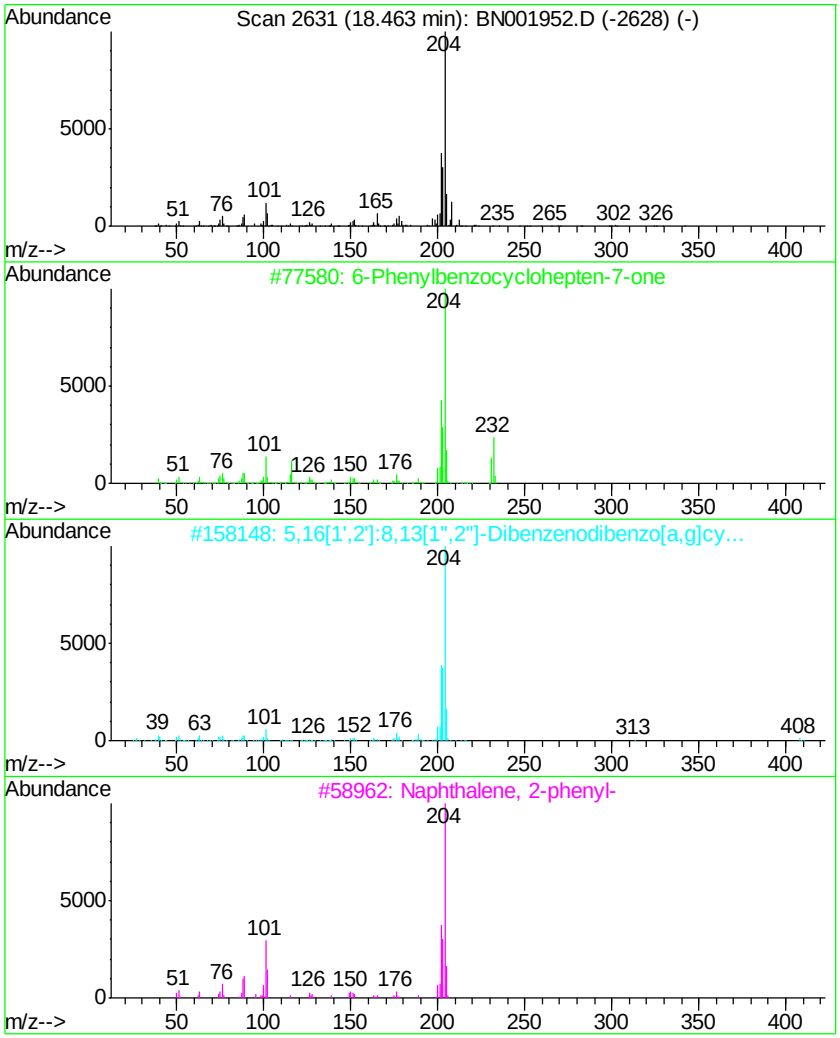
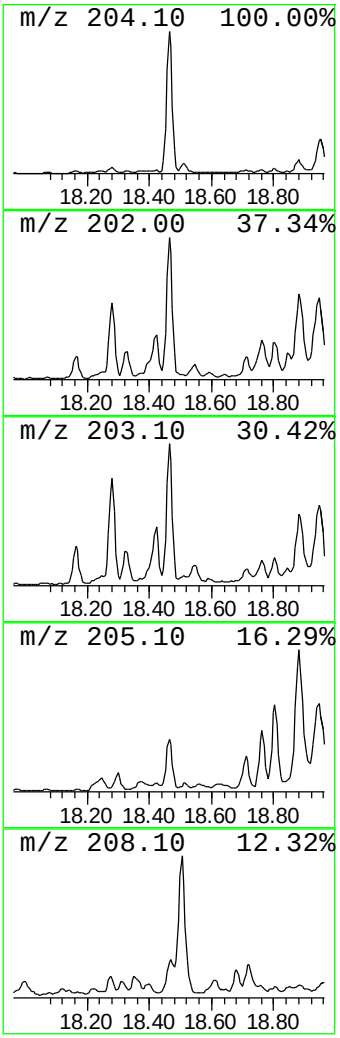
Peak Number 9 6-Phenylbenzocyclohepten-7-one Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.29 ng/ul	927773	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Operator : JU/SJ
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Misc :
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Quant Title : SVOA CALIBRATION

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

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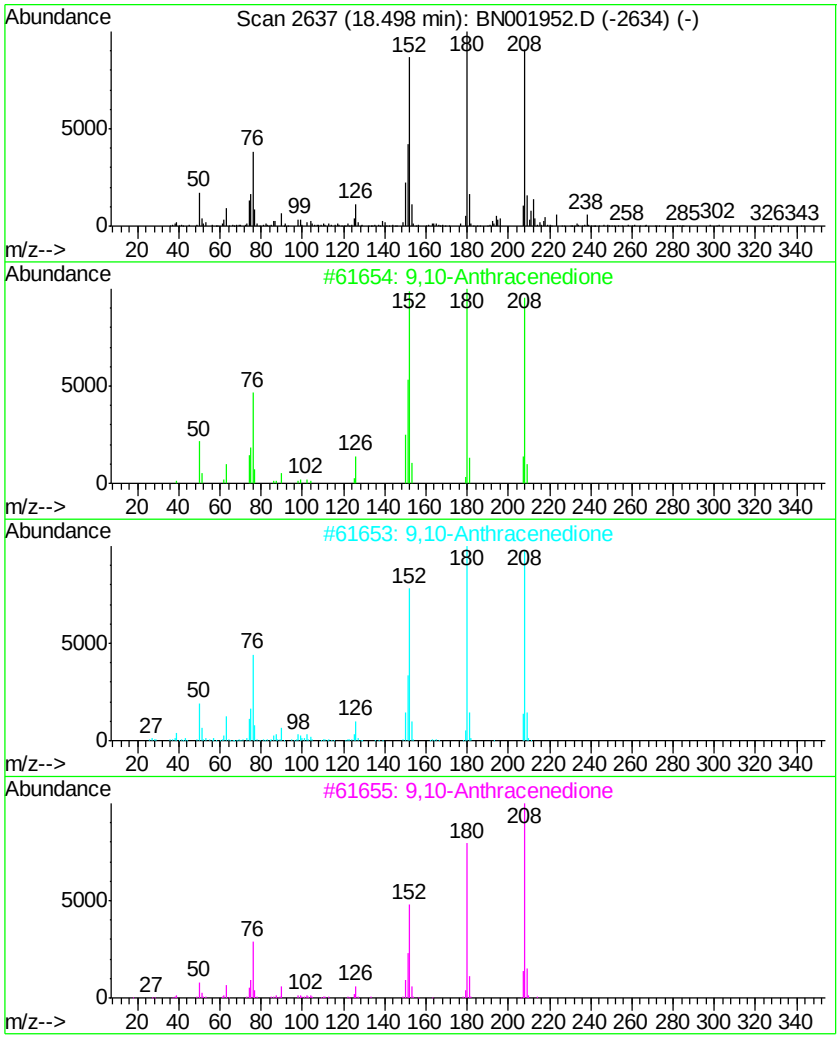
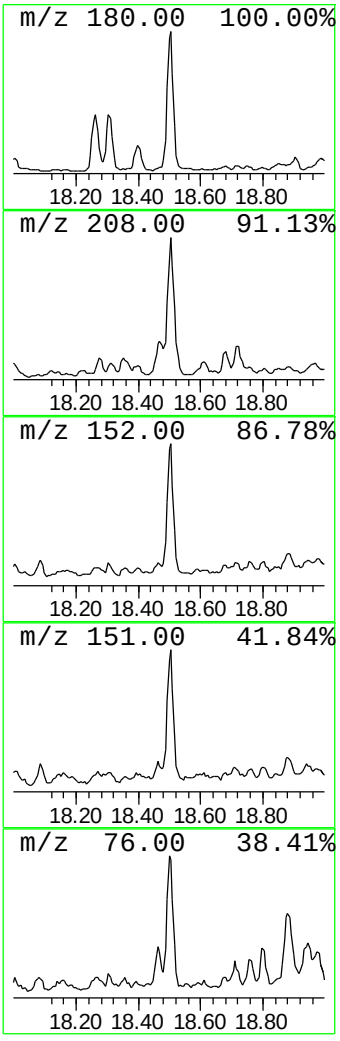
Peak Number 10 9,10-Anthracenedione Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.55 ng/ul	1437030	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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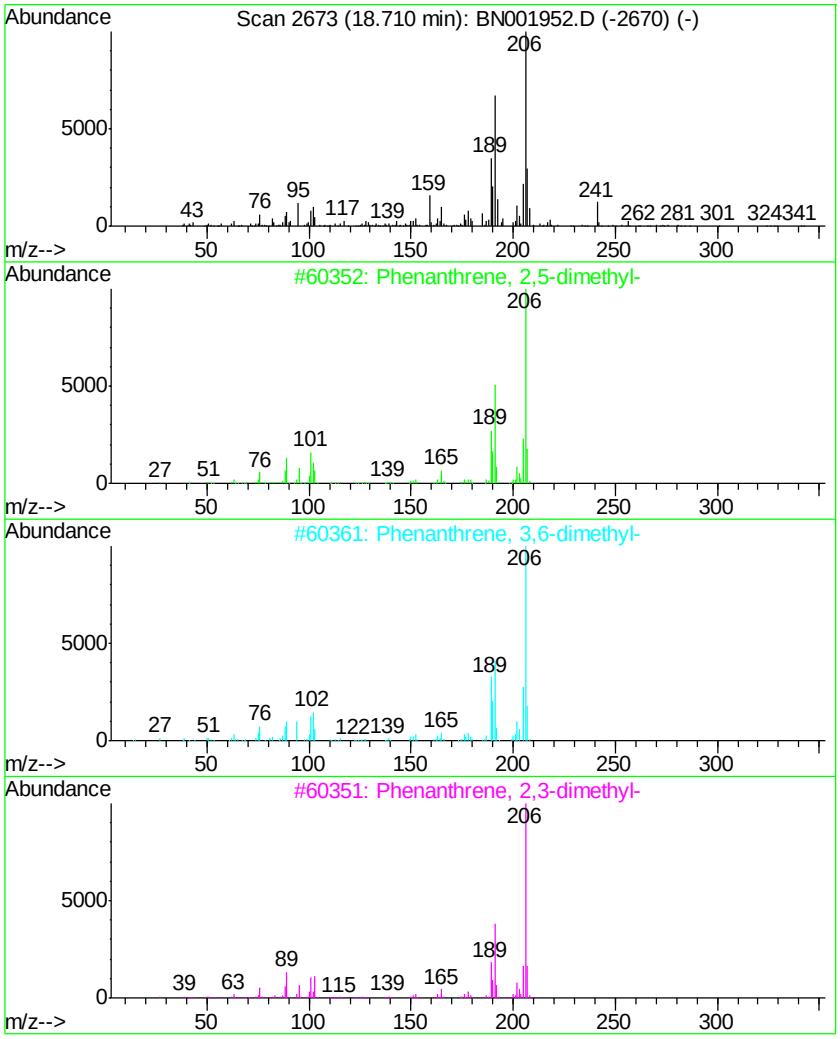
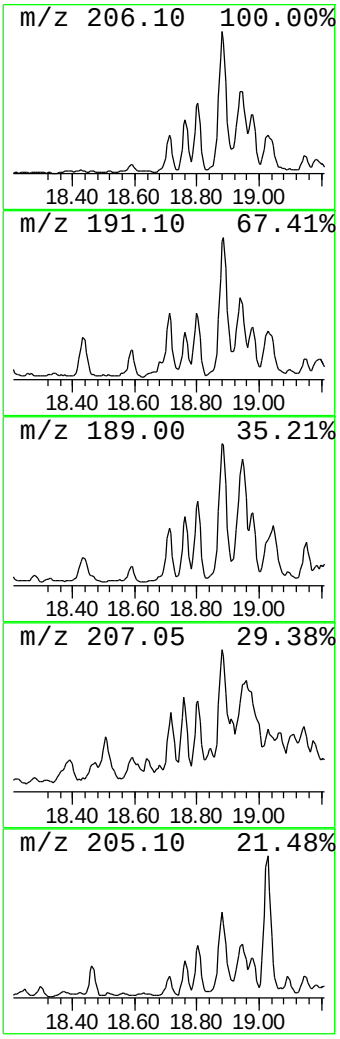
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	2.53 ng/ul	1023610	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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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 Phenanthrene, 3,6-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.59 ng/ul	1050900	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
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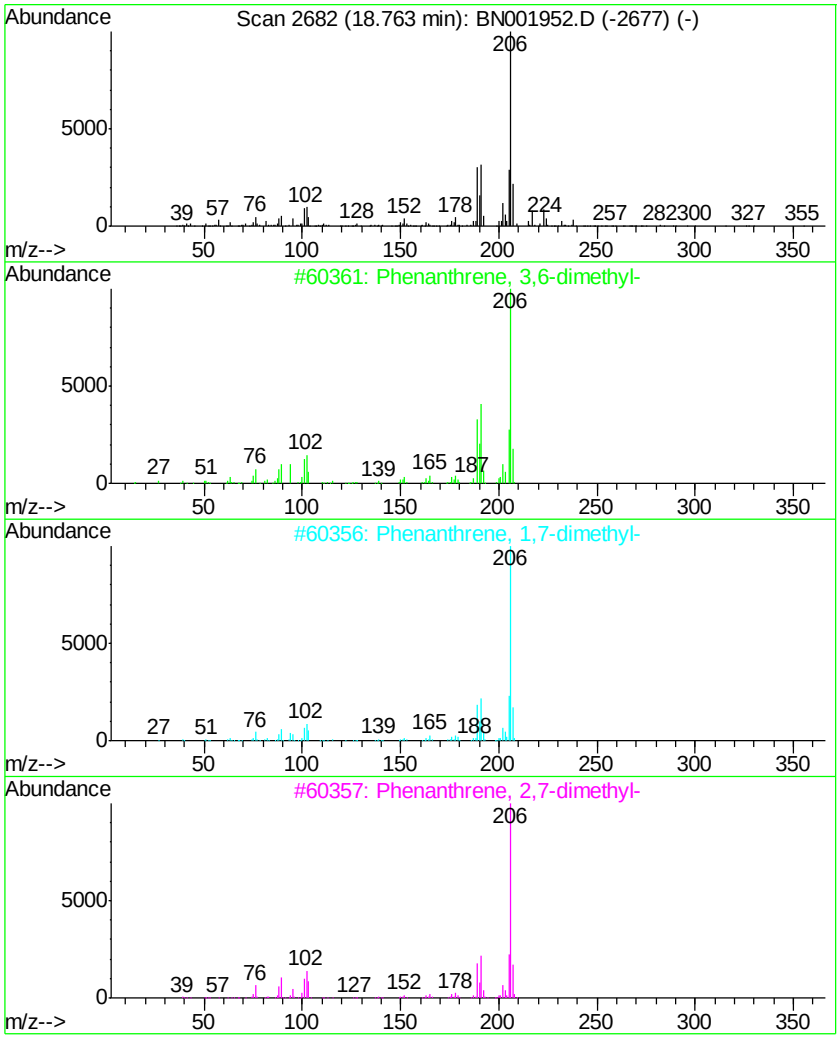

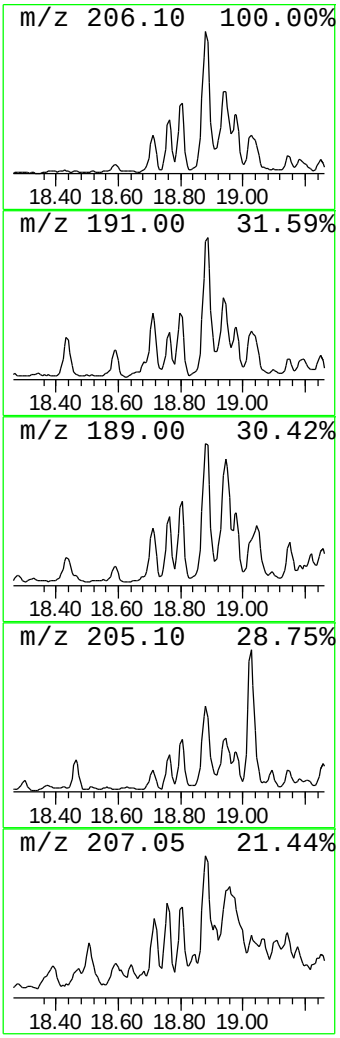

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Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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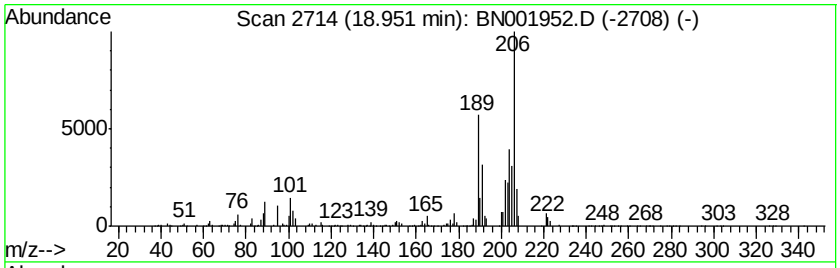
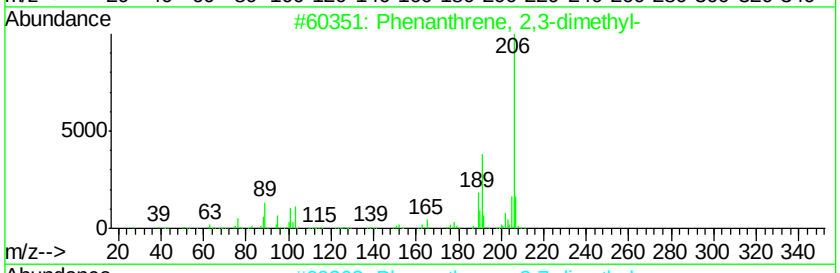
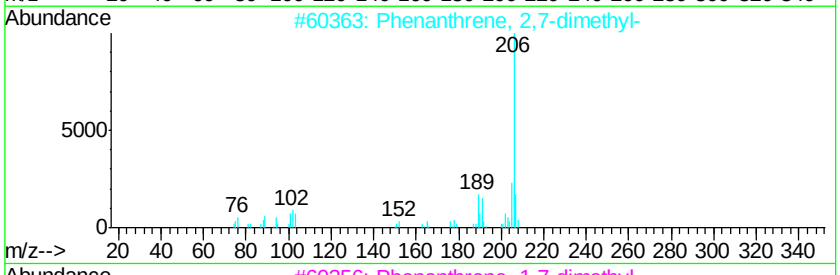
Peak Number 15 Phenanthrene, 2,3-dimethyl- Concentration Rank 25

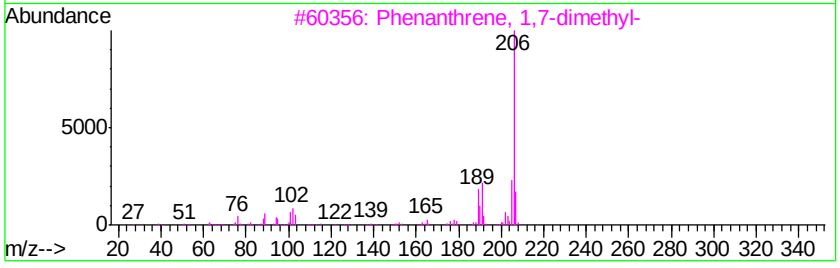
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	4.31 ng/ul	1745530	Phenanthrene-d10	17.08

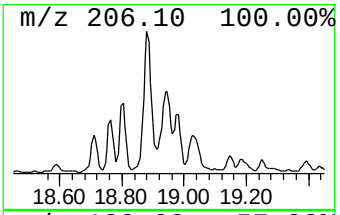
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64

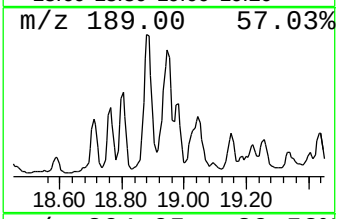


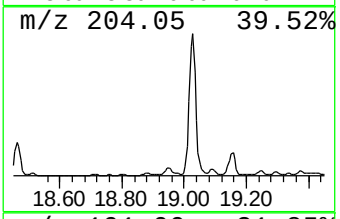


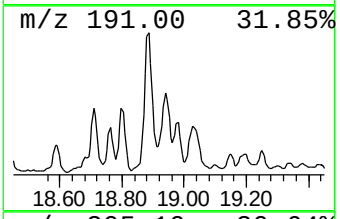


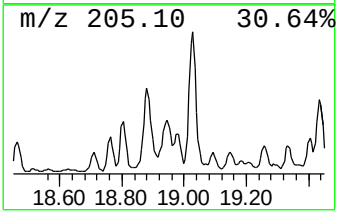












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Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

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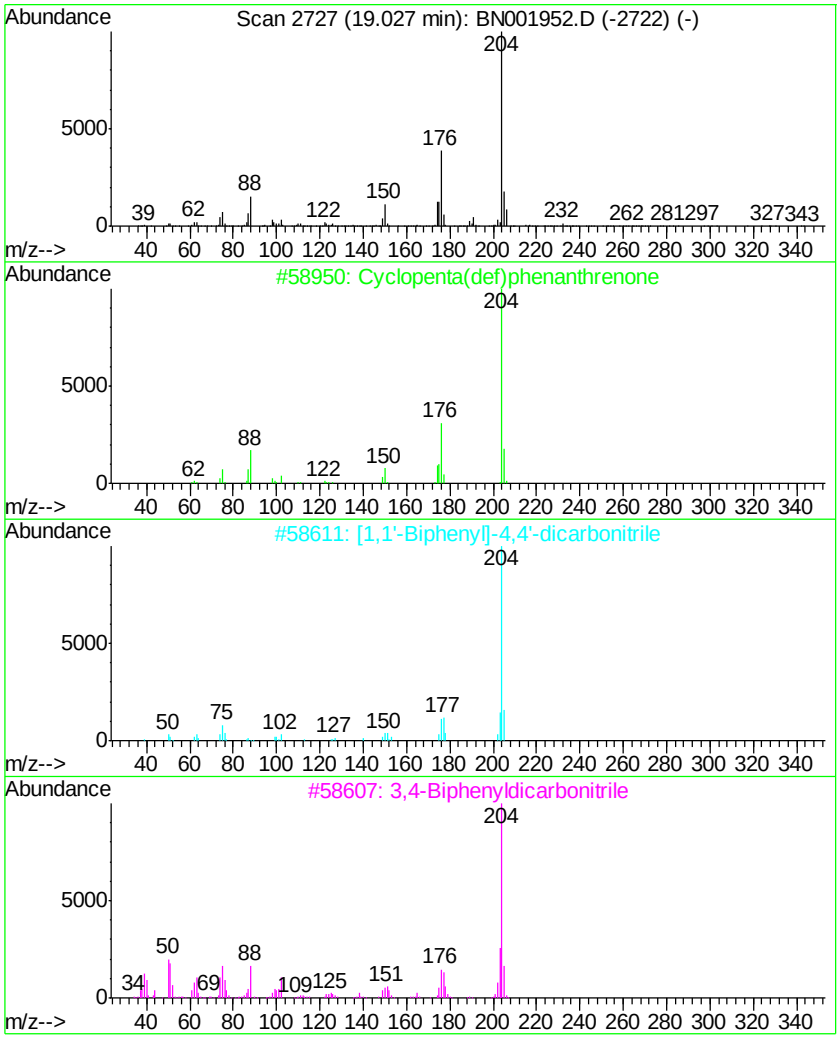
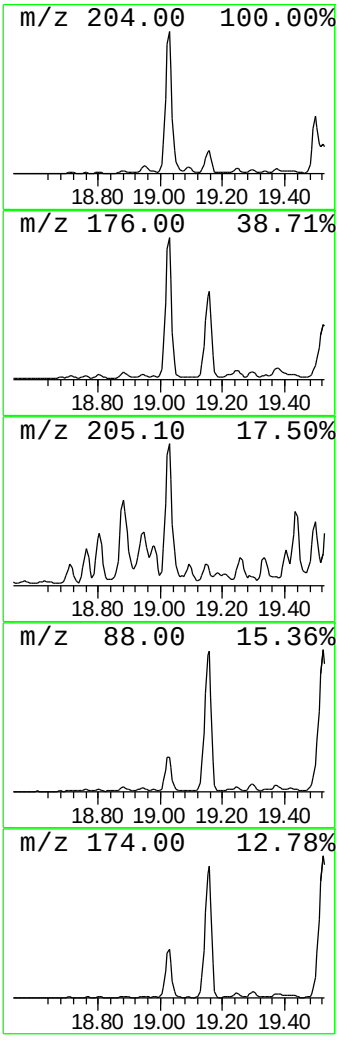
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	14.59 ng/ul	5910250	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	40





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Misc :
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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

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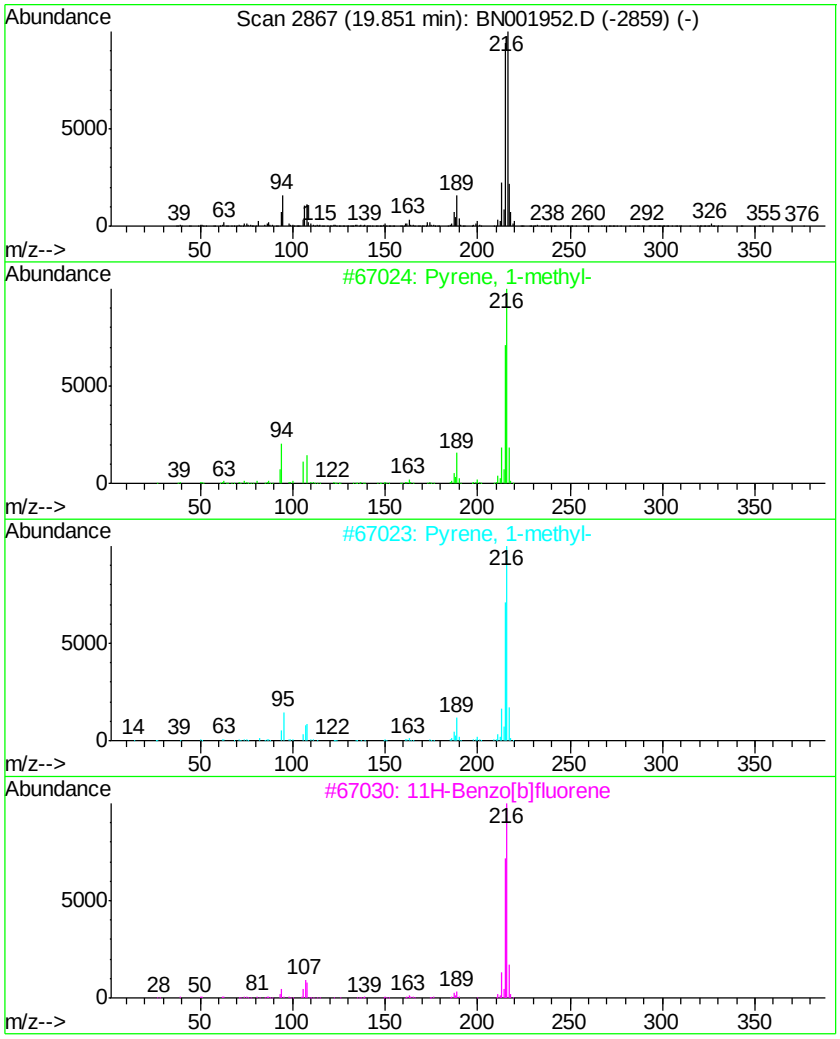
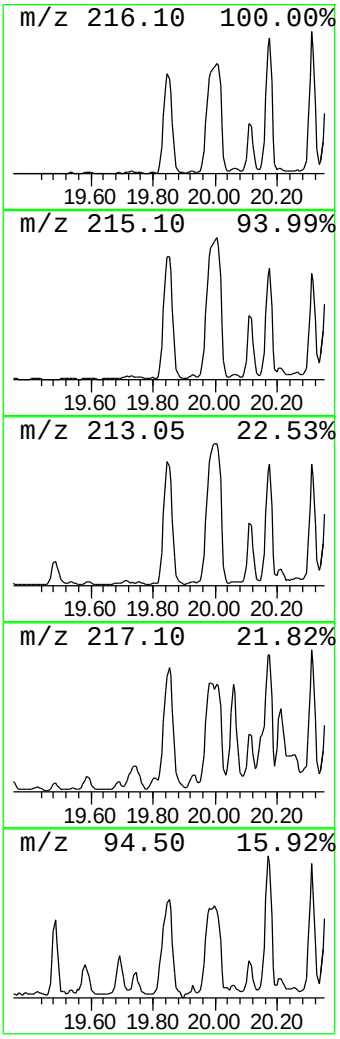
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	4.96 ng/ul	13308500	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Quant Title : SVOA CALIBRATION

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

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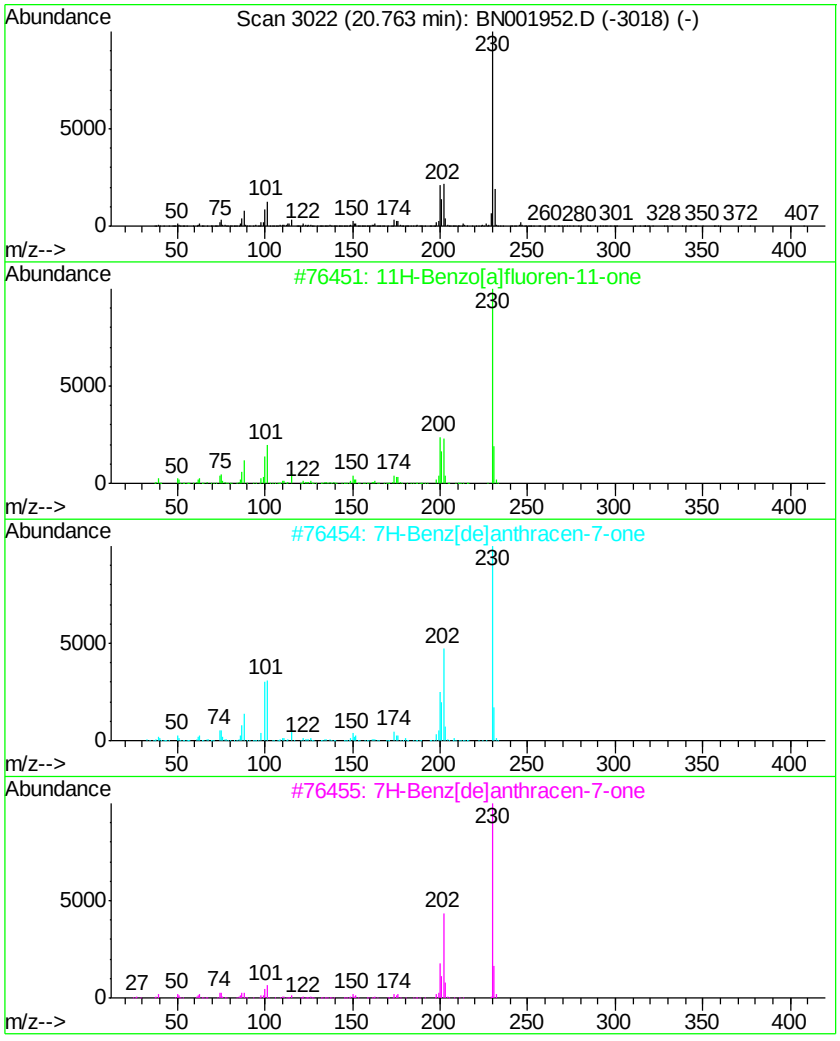
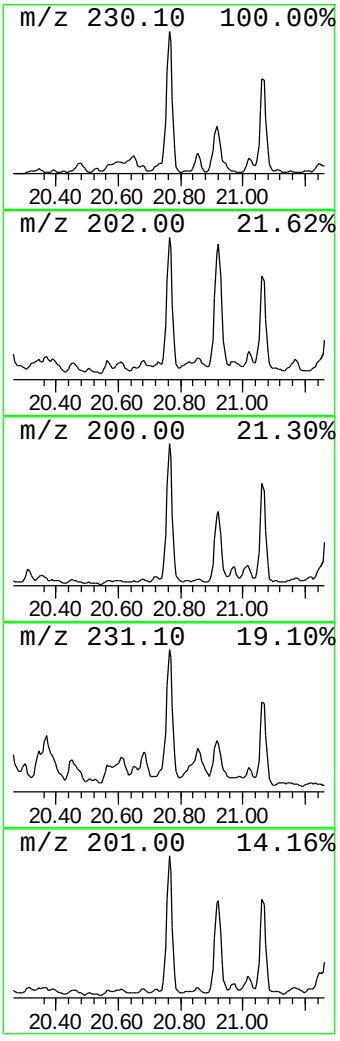
Peak Number 22 11H-Benzo[a]fluoren-11-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	4.22 ng/ul	11324700	Chrysene-d12	21.29

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	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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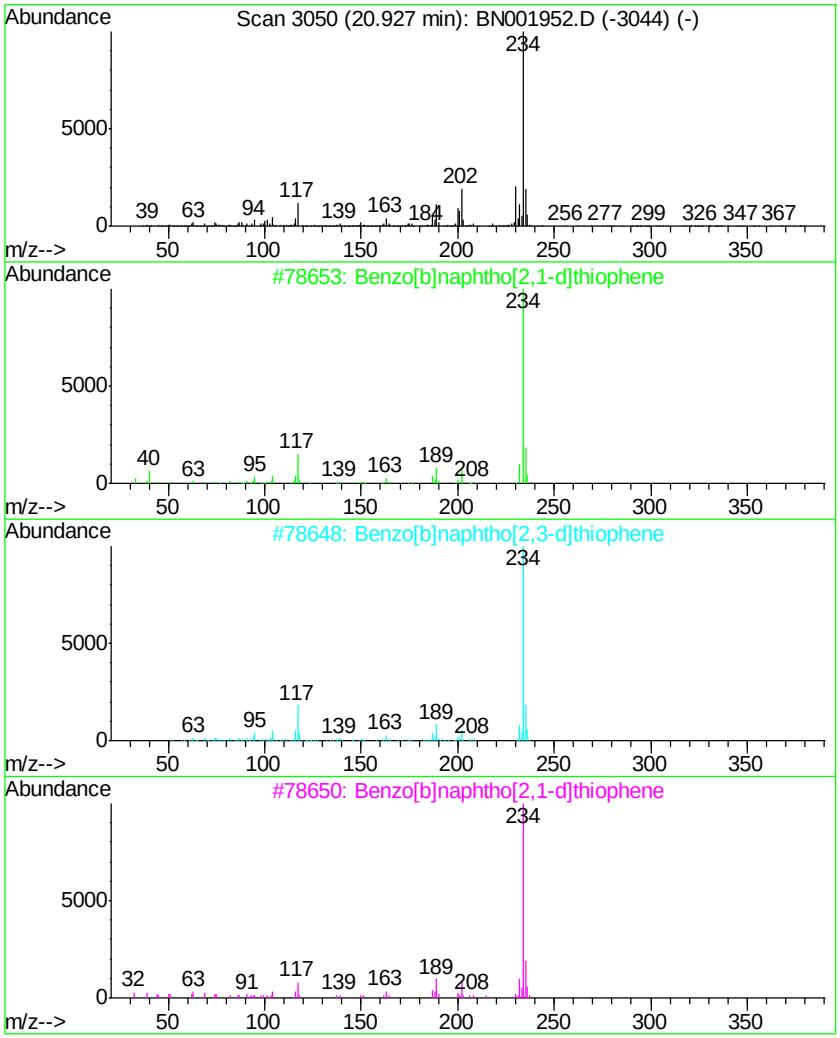
Quant Title : SVOA CALIBRATION

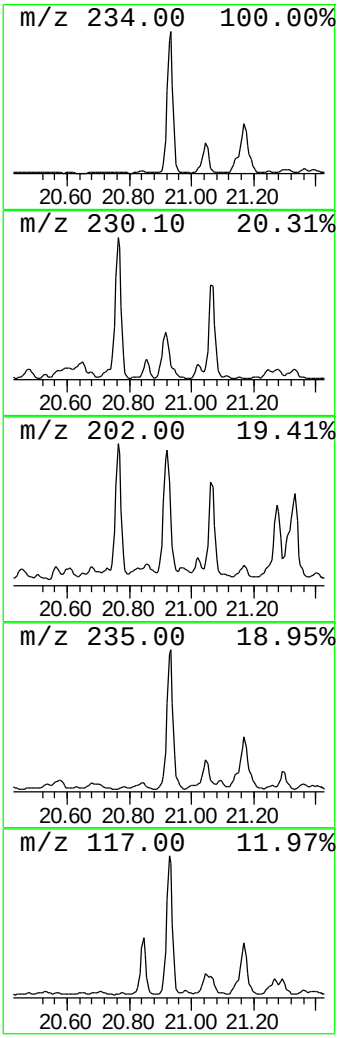
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.85 ng/ul	13016000	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62





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Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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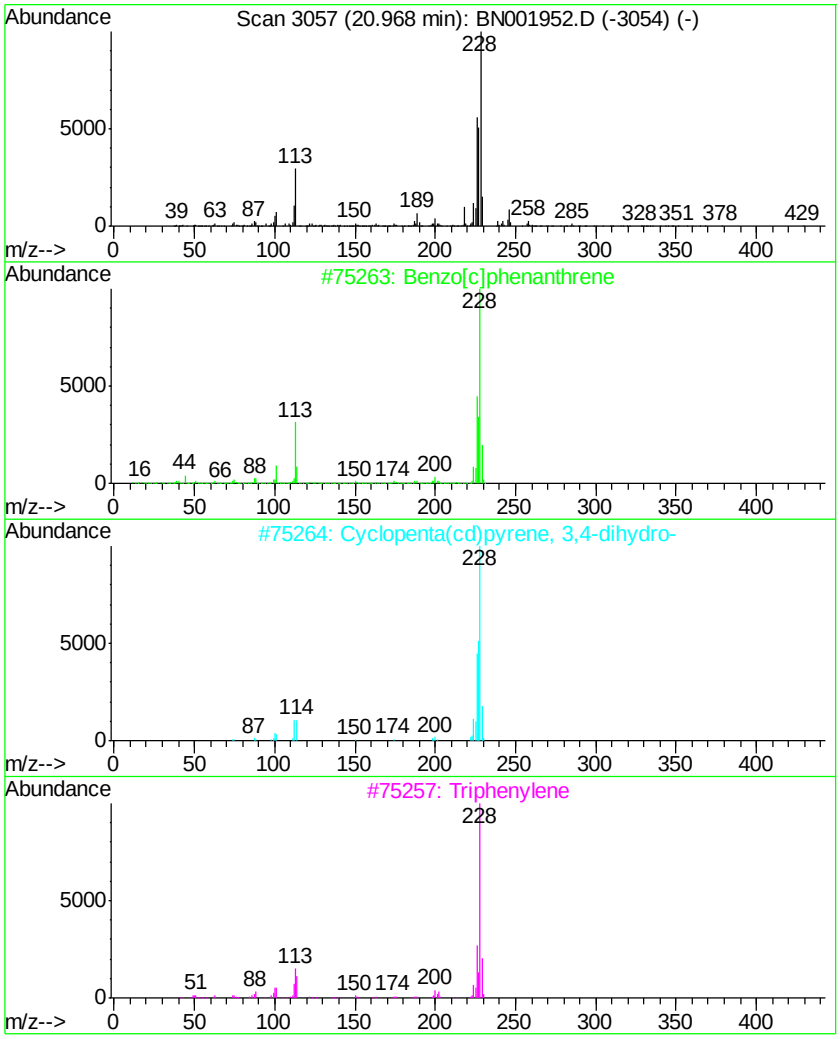
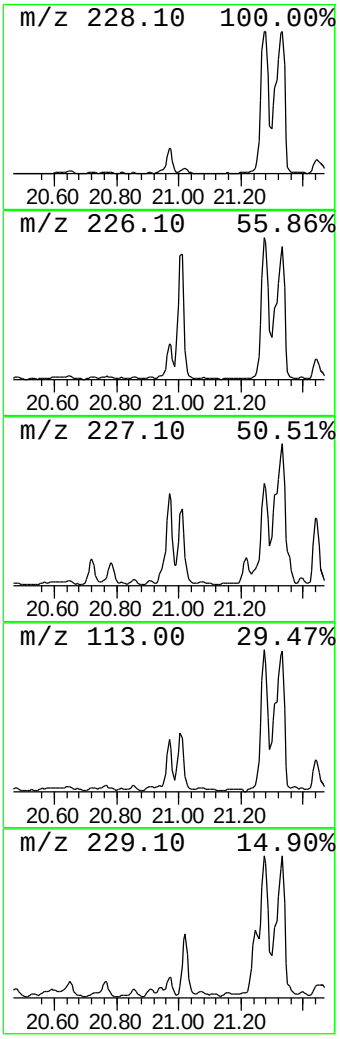
Peak Number 24 Benzo[c]phenanthrene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.55 ng/ul	6847830	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	90
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
3	Triphenylene	228	C18H12	000217-59-4	50
4	Benz[a]anthracene	228	C18H12	000056-55-3	50
5	Triphenylene	228	C18H12	000217-59-4	45





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Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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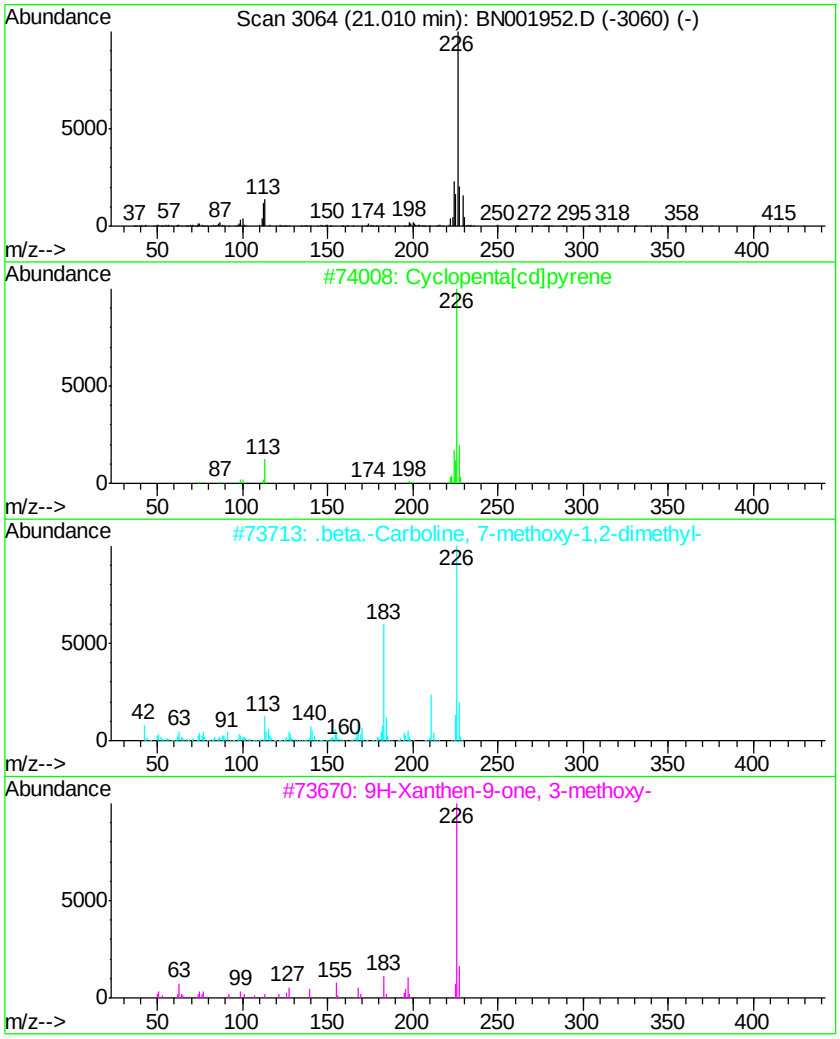
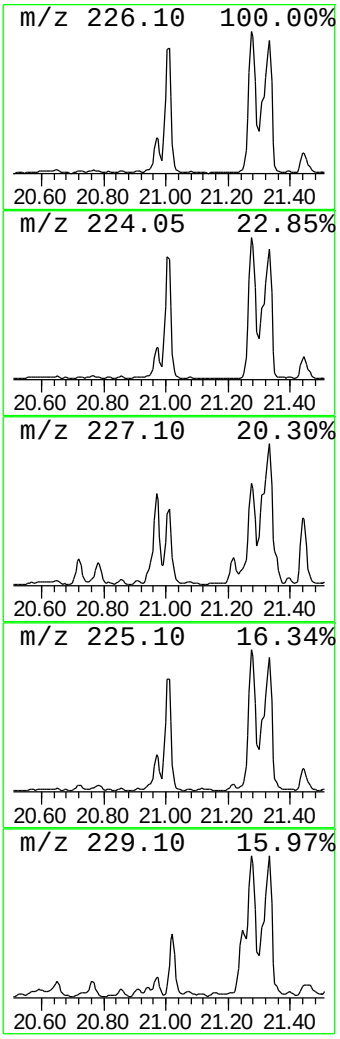
Peak Number 25 Cyclopenta[cd]pyrene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.86 ng/ul	10363900	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33
5	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	28





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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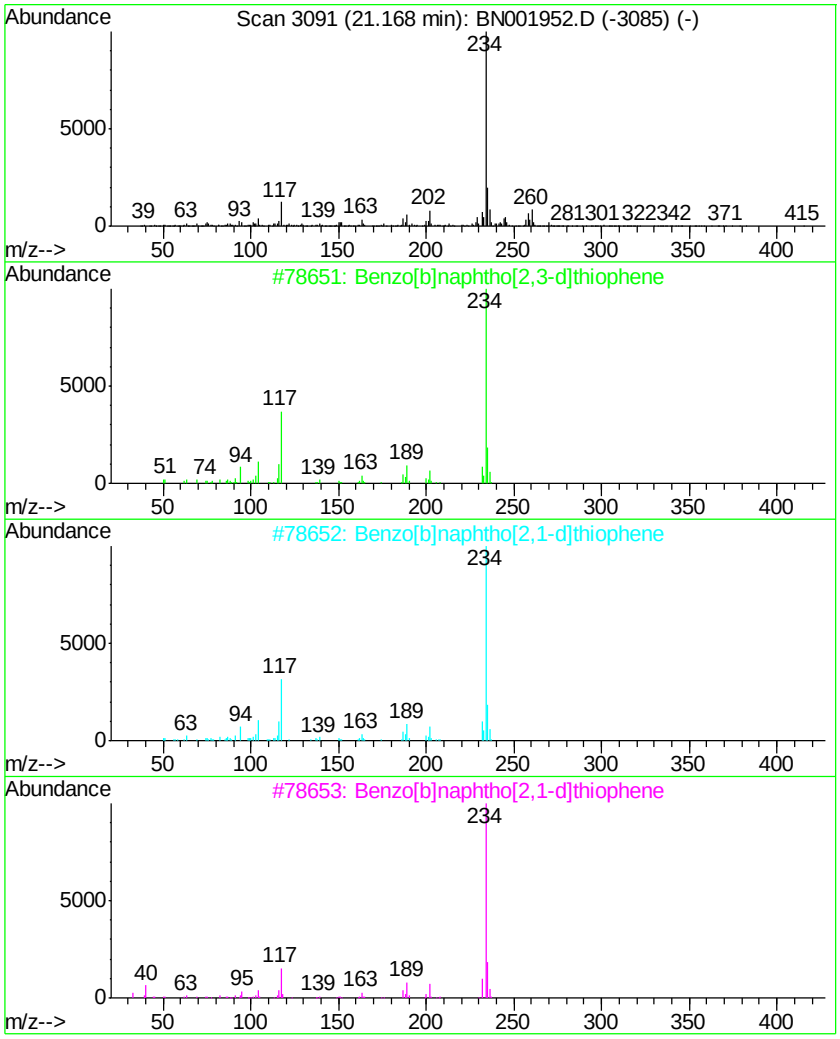
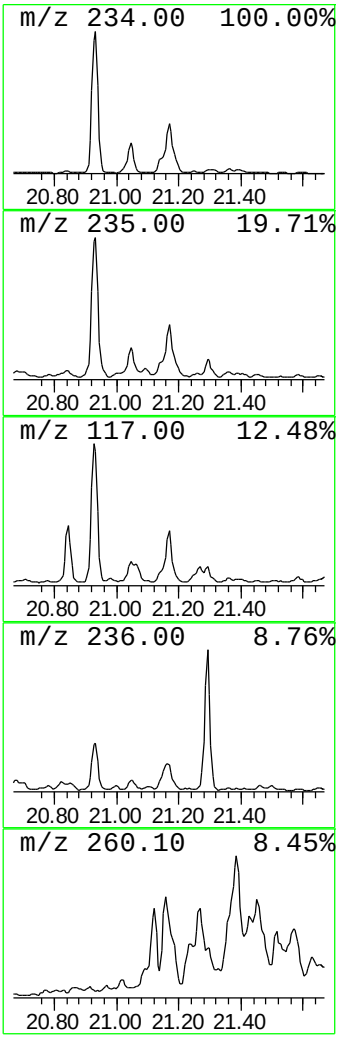
Peak Number 27 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.01 ng/ul	5398190	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81





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Misc :
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Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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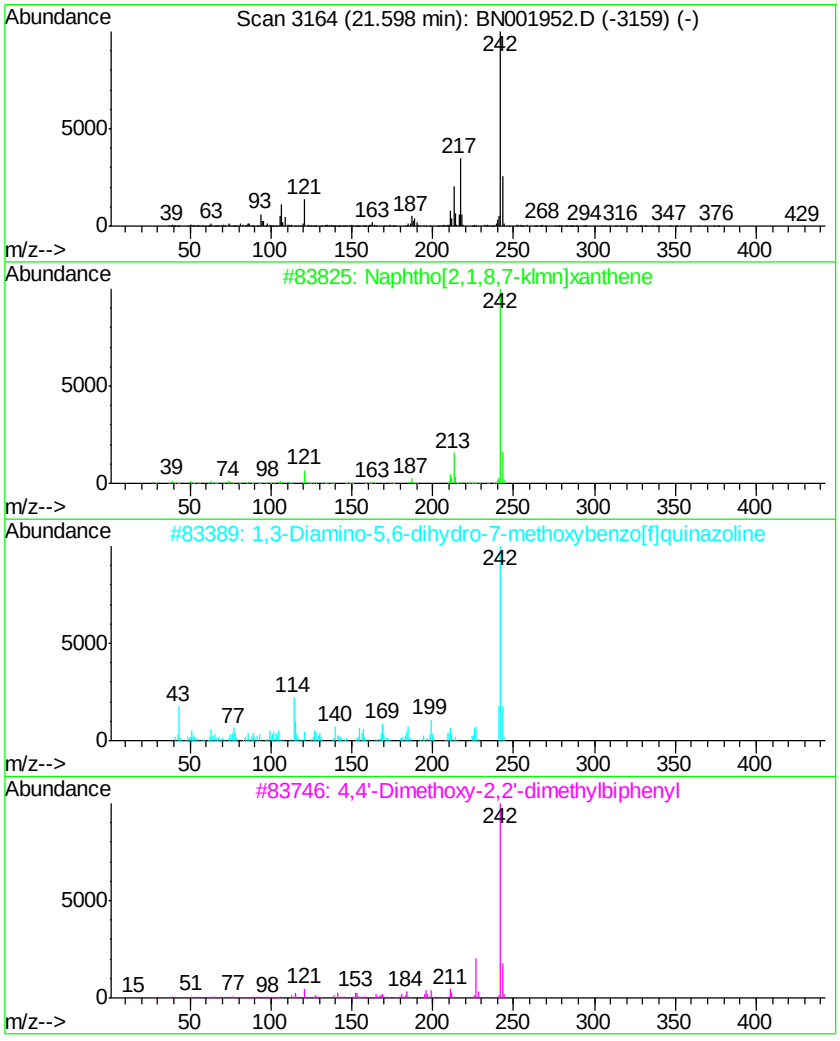
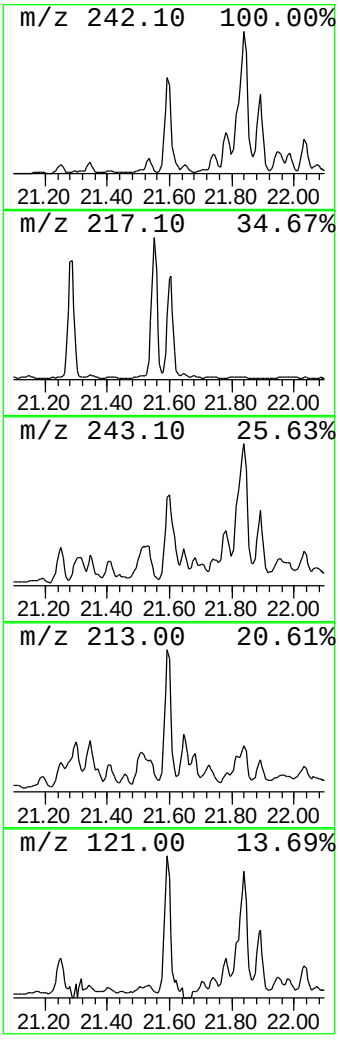
Peak Number 28 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	2.95 ng/ul	7925170	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	89
2	1,3-Diamino-5,6-dihydro-7-methox...	242	C13H14N4O	037436-49-0	47
3	4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	47
4	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	46
5	1-Phenyl-3-m-chlorophenyl-propenone	242	C15H11ClO	1000148-13-7	43





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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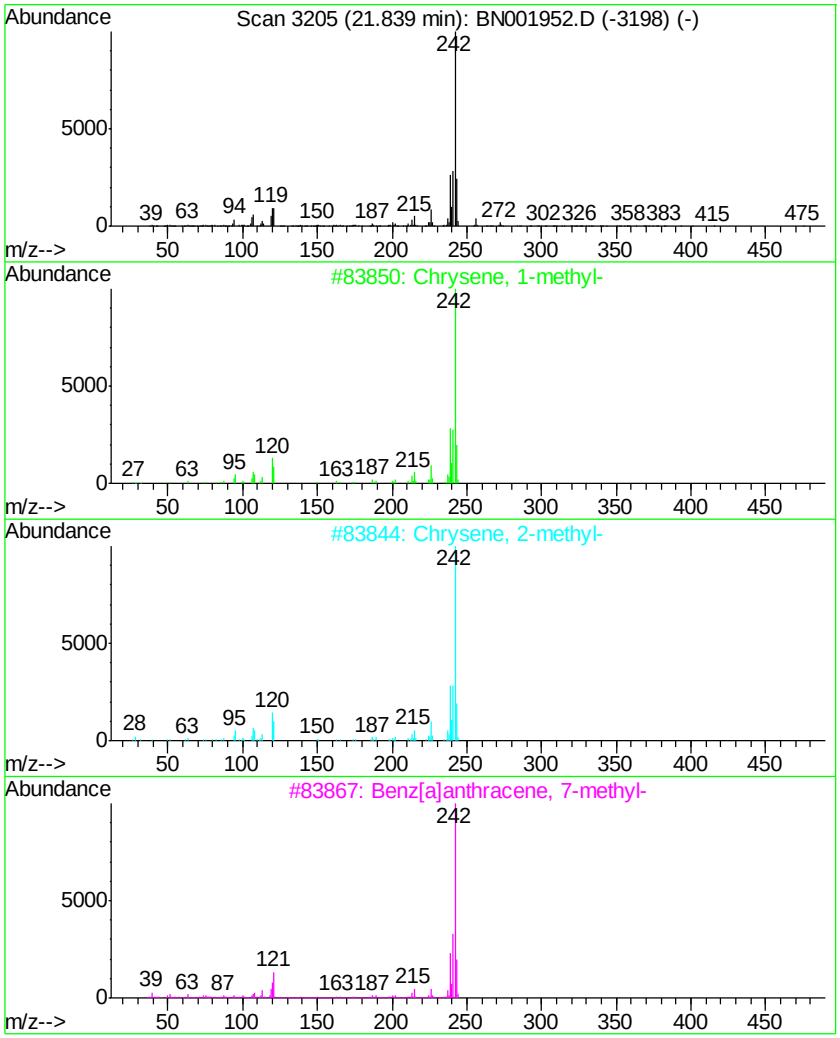
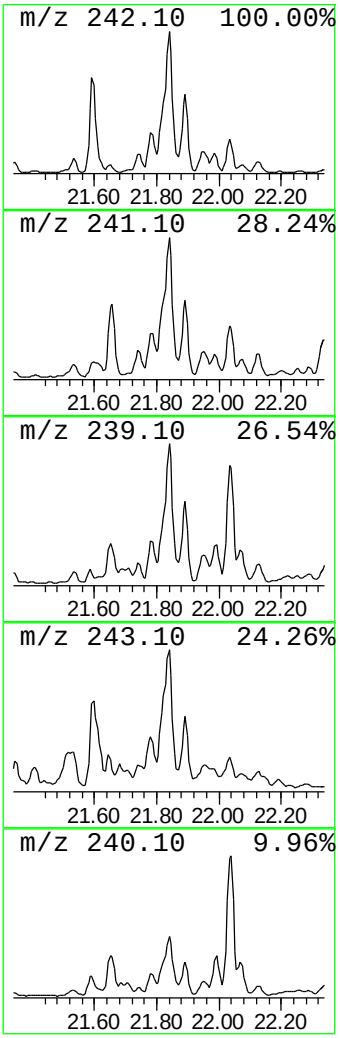
Peak Number 29 Chrysene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	4.74 ng/ul	12718400	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





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Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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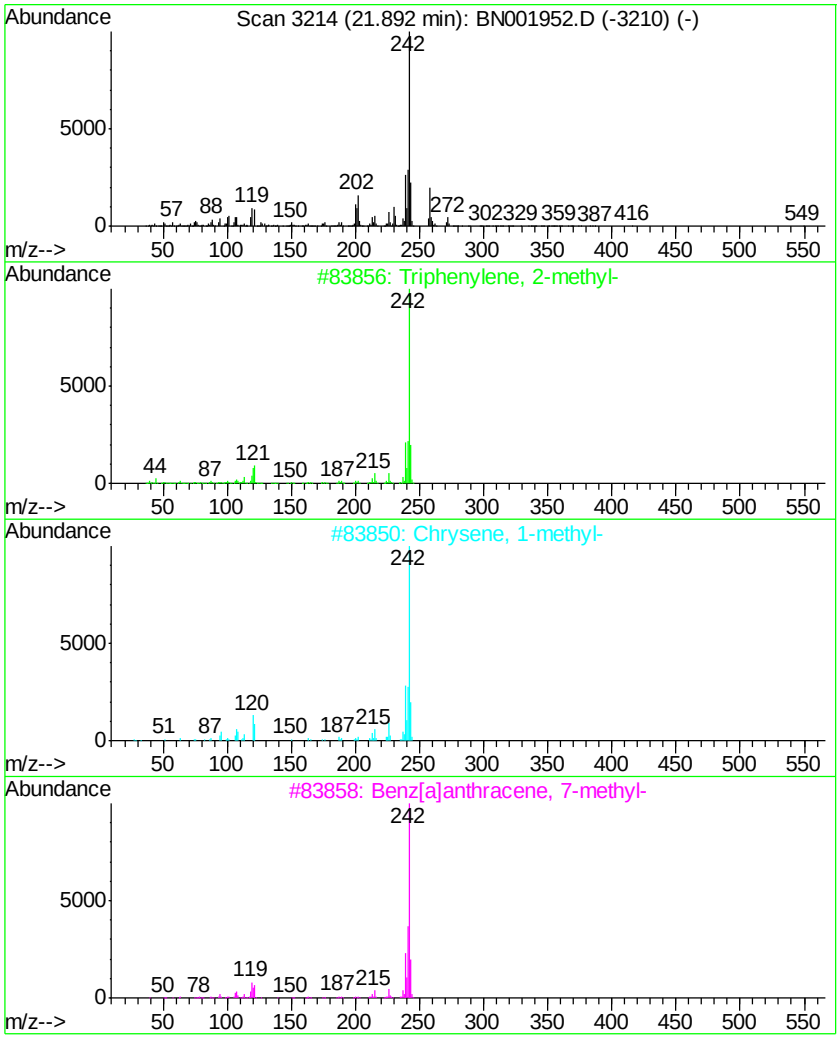
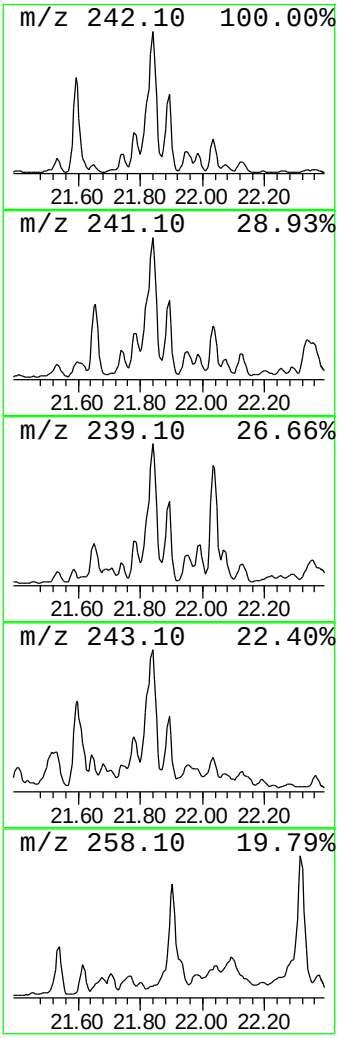
Peak Number 30 Triphenylene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.93 ng/ul	7859230	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	83
5	Chrysene, 6-methyl-	242	C19H14	003697-24-3	83





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Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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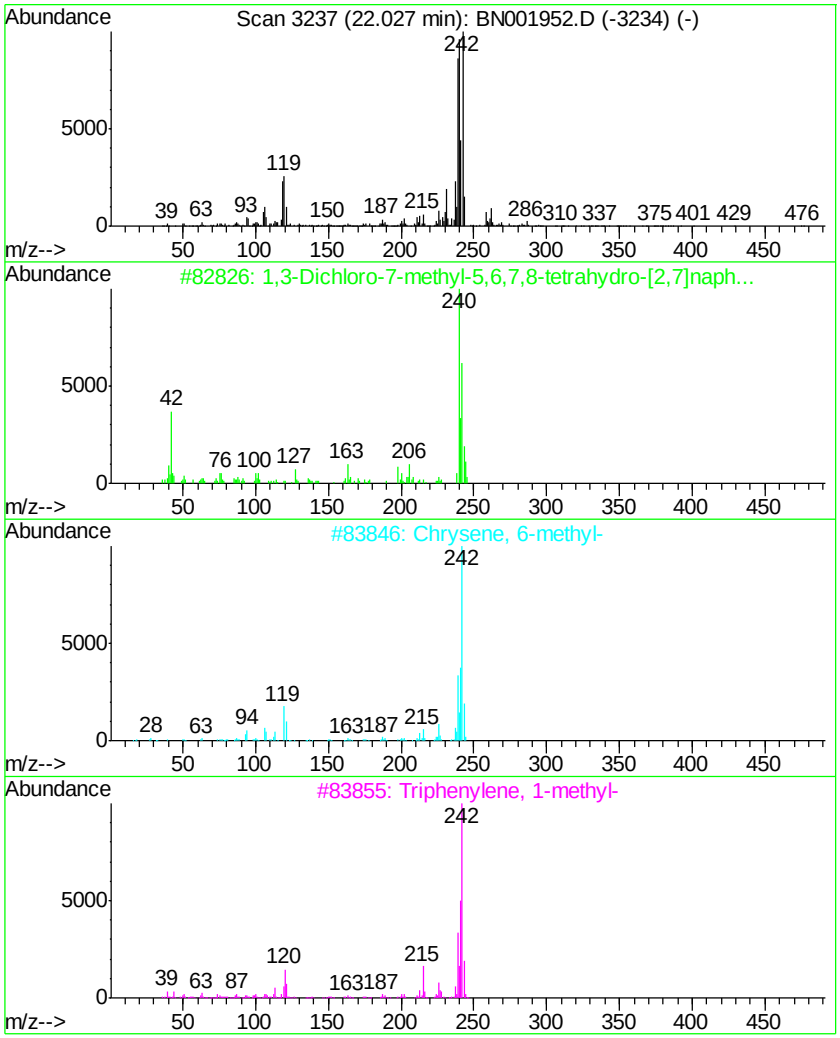
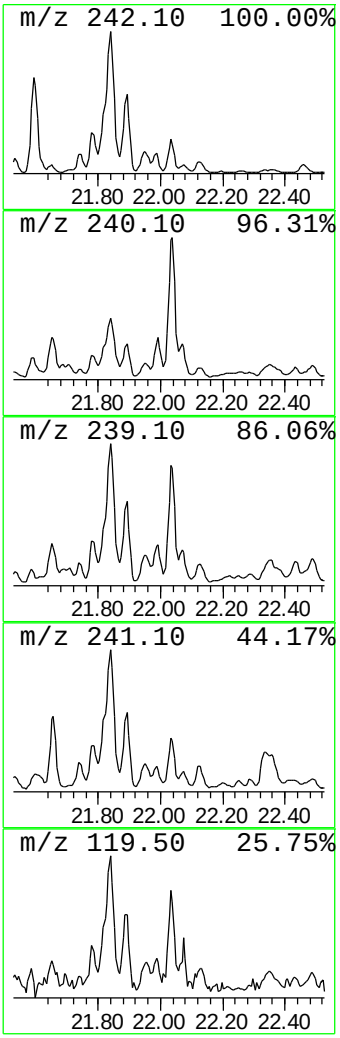
Peak Number 31 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.04 ng/ul	5463790	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-7-methyl-5,6,7,8-te...	241	C10H9Cl2N3	1000274-39-1	35
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	35
3	Triphenylene, 1-methyl-	242	C19H14	002871-91-2	30
4	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	30
5	2-Phenyl-piperonylic acid	242	C14H10O4	1000116-11-6	25





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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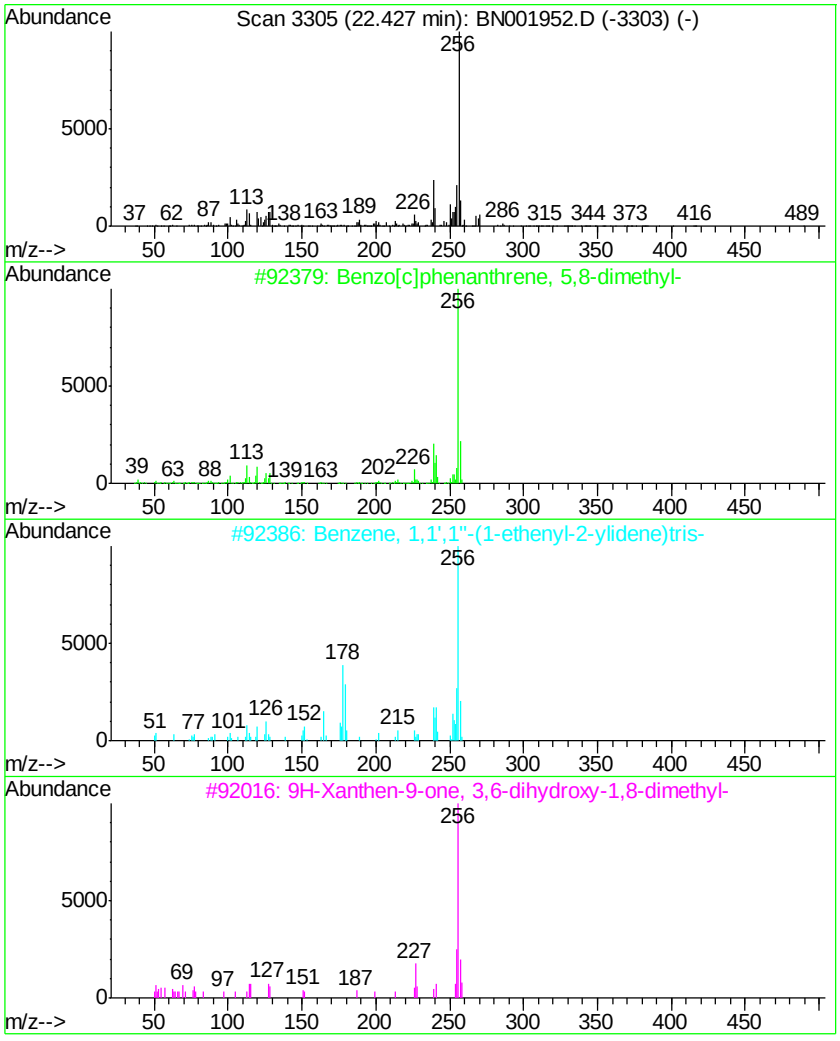
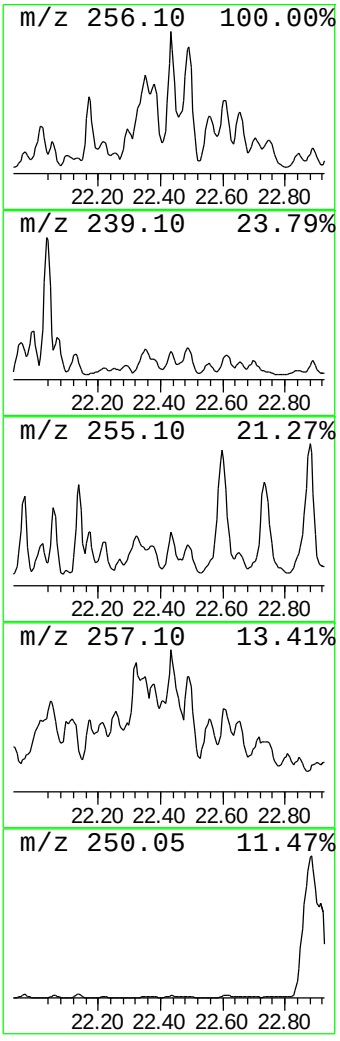
Peak Number 32 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.42 ng/ul	1187420	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	89
2	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	74
3	9H-Xanthen-9-one, 3,6-dihydroxy-...	256	C15H12O4	067065-96-7	59
4	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	58
5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	52





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

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Quant Title : SVOA CALIBRATION

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

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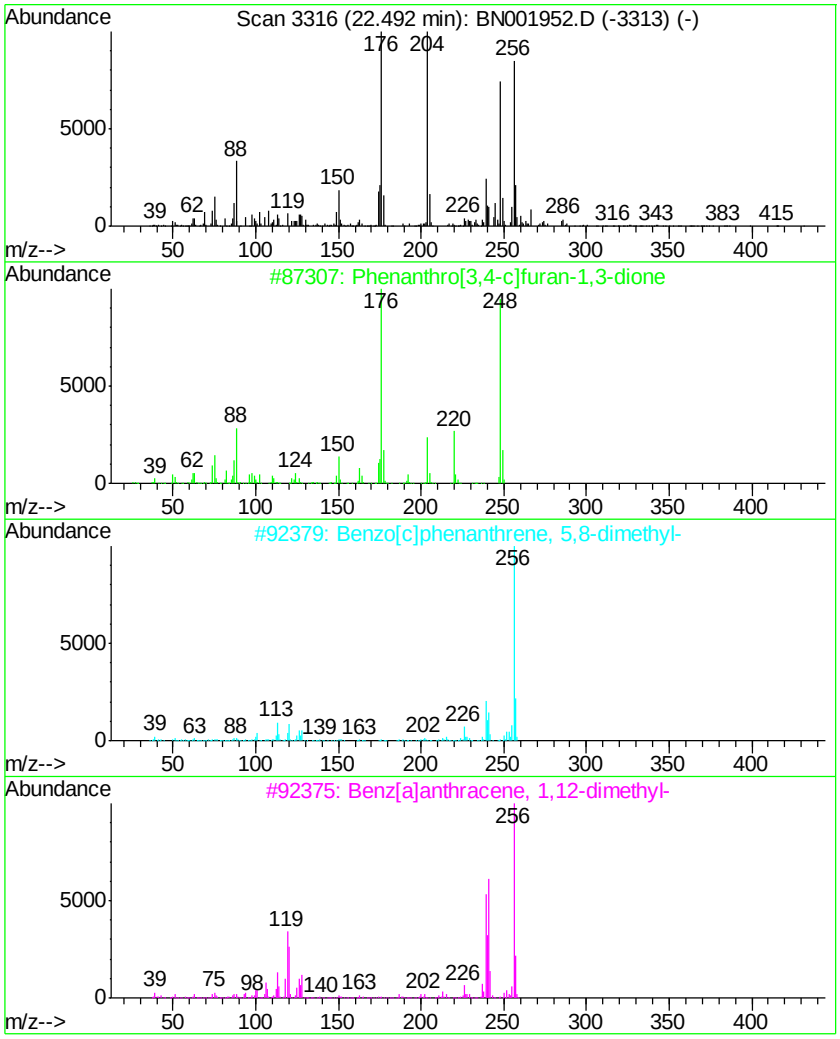
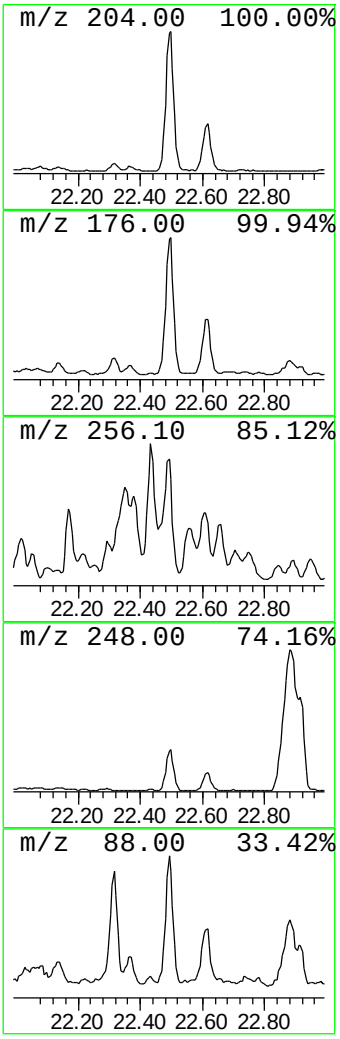
Peak Number 33 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	11.00 ng/ul	3816110	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	41
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	25
3	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	20
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	18
5	2,2'-Biquinoline	256	C18H12N2	000119-91-5	15





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Quant Title : SVOA CALIBRATION

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

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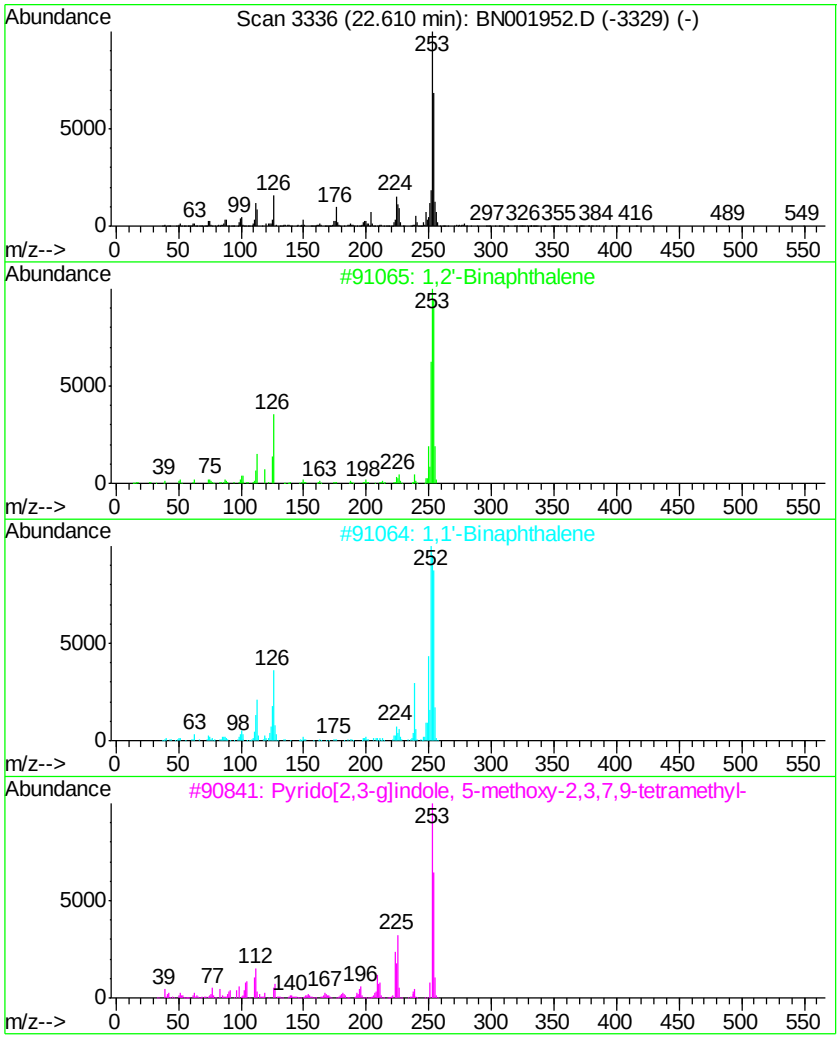
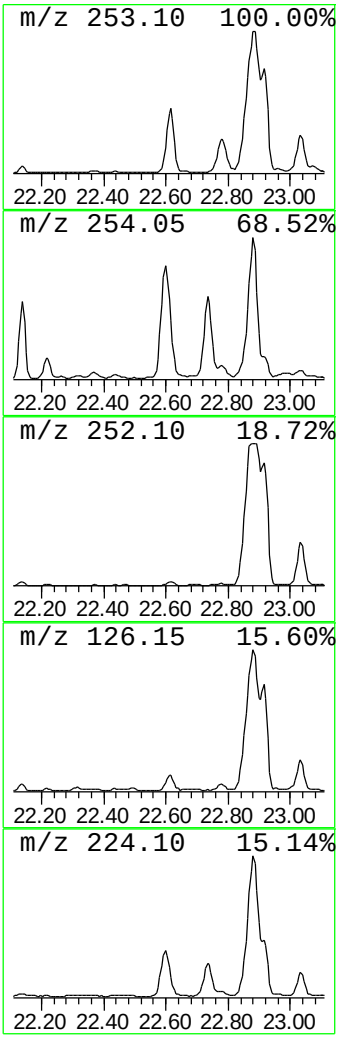
Peak Number 34 1,2'-Binaphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	37.70 ng/ul	13084800	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	83
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	72
3	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	72
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	72
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

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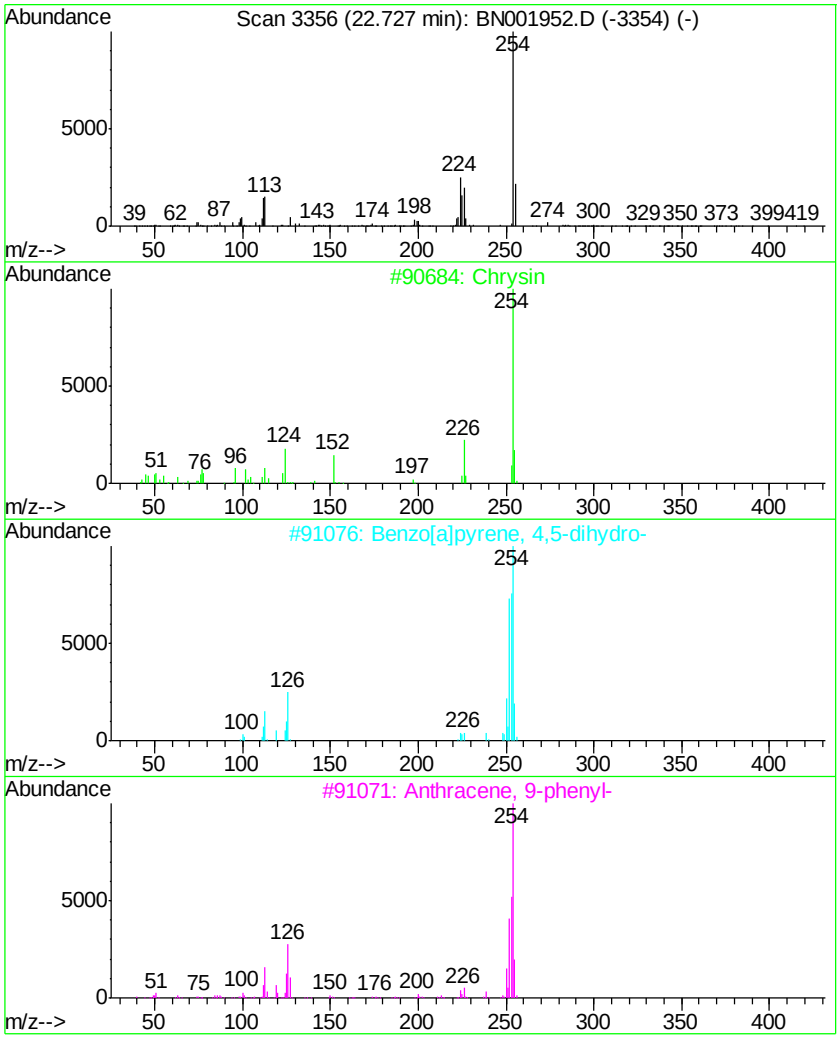
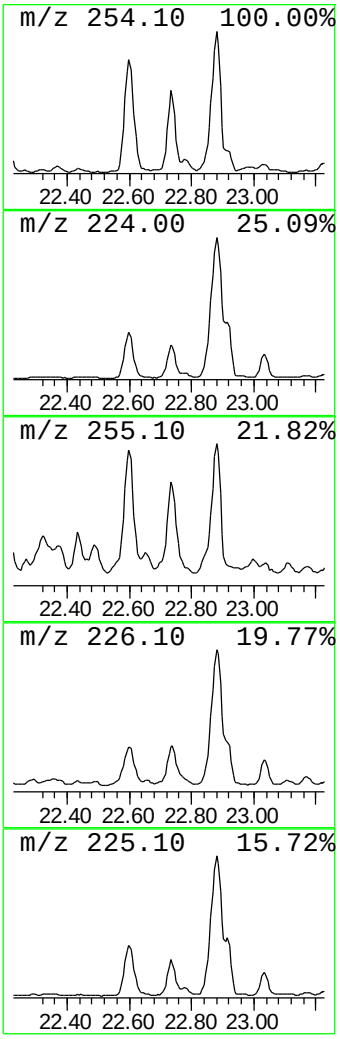
Peak Number 35 Chrysin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	7.59 ng/ul	2634190	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	58
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	53
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
4	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53
5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50





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Data File : BN001952.D
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Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

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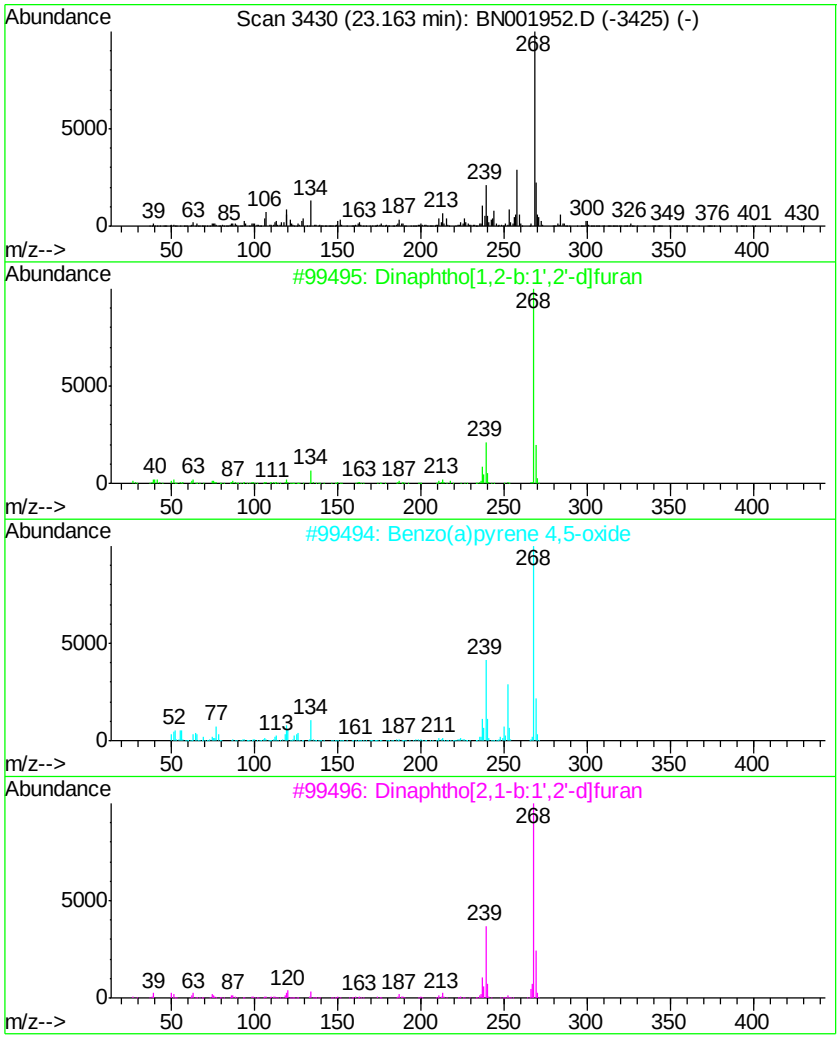
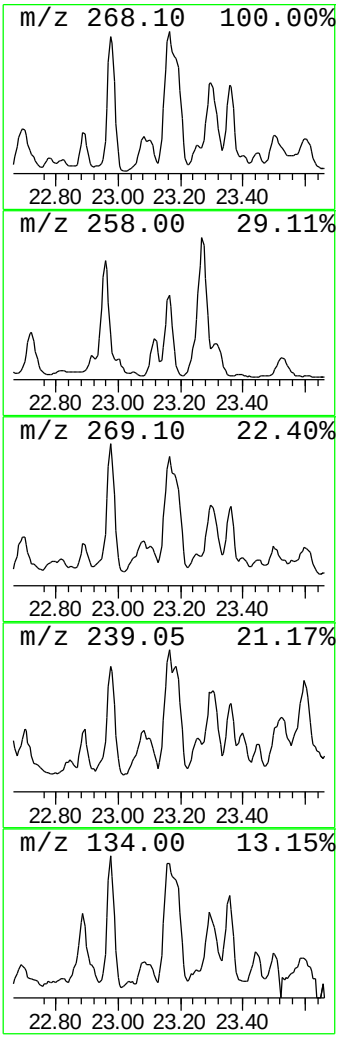
Peak Number 37 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	23.32 ng/ul	8091450	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	81
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	72
4	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
5	trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

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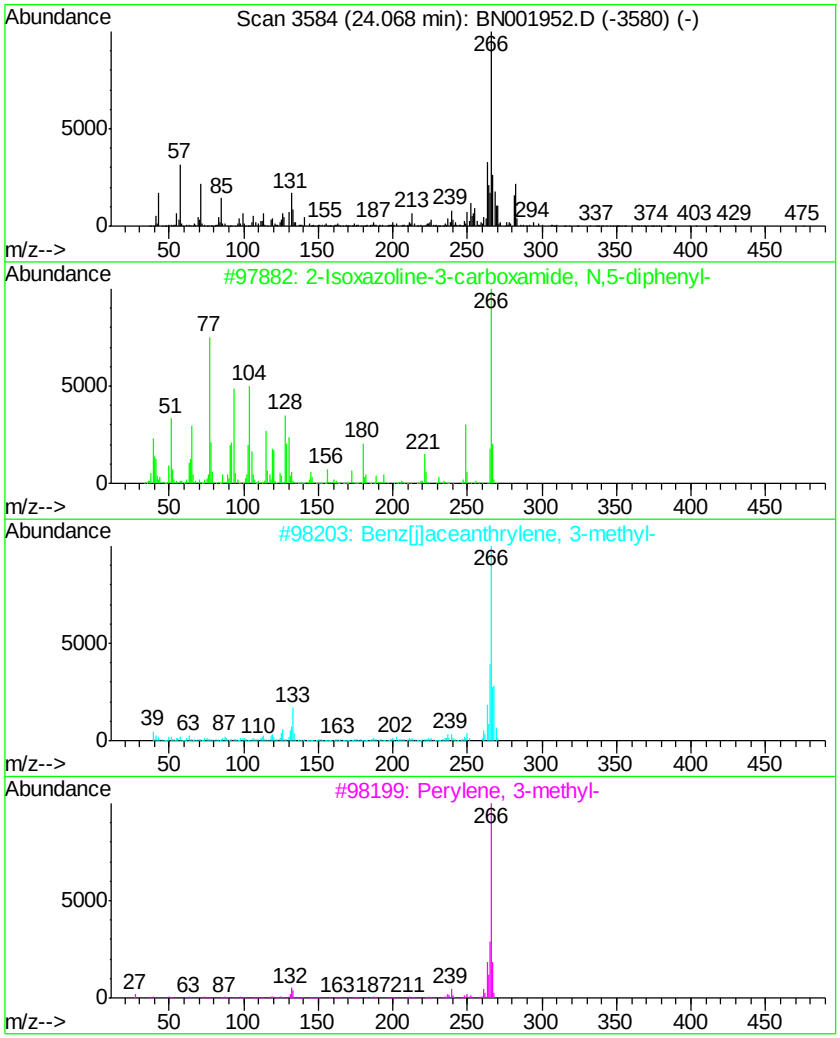
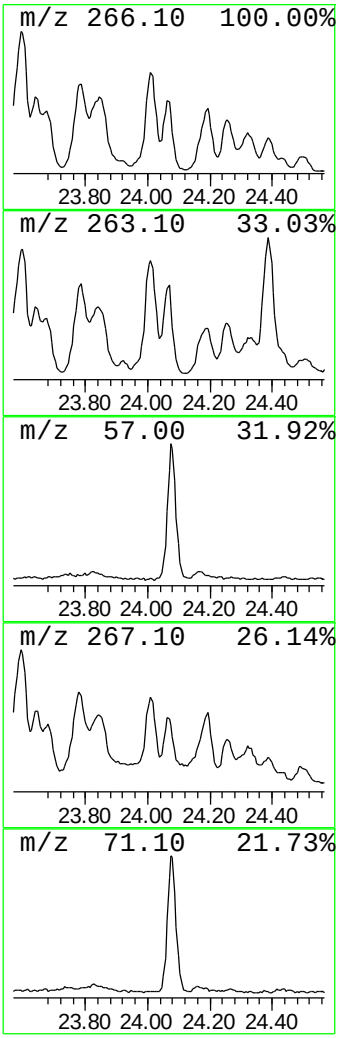
Peak Number 38 2-Isoxazoline-3-carboxamide... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	11.65 ng/ul	4044480	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isoxazoline-3-carboxamide, N,5...	266	C16H14N2O2	1000294-15-0	86
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	64
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	55
4	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	45
5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	43





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Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

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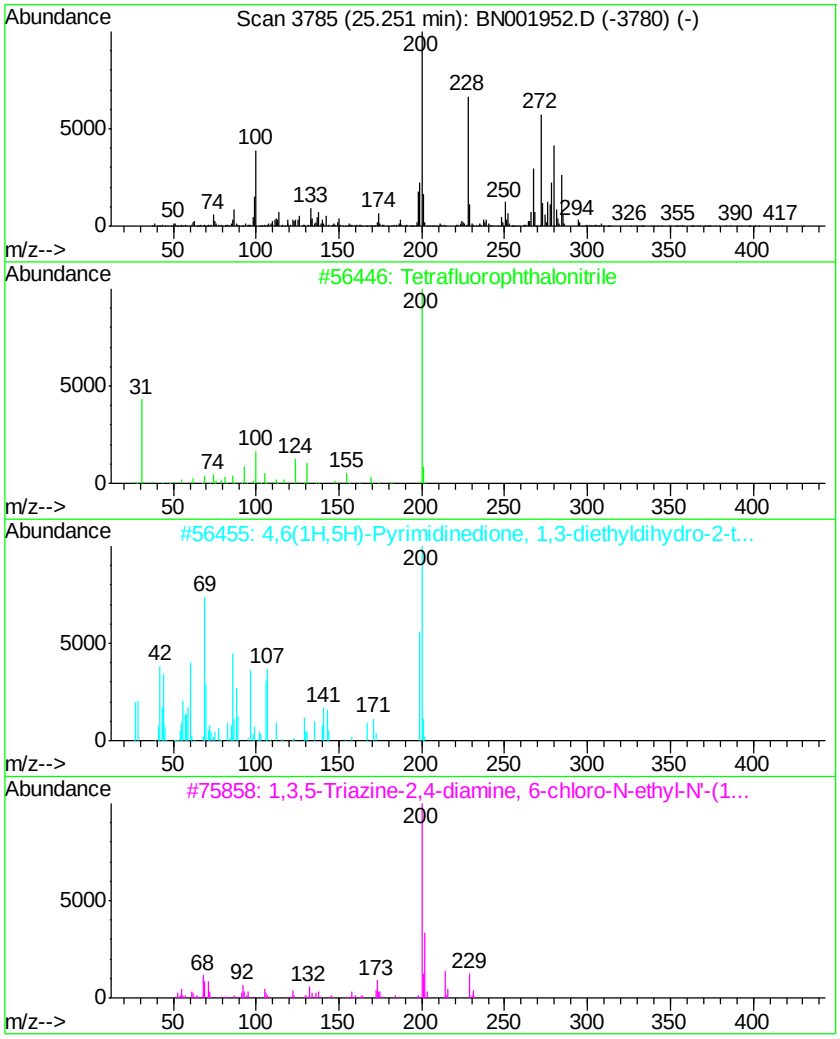
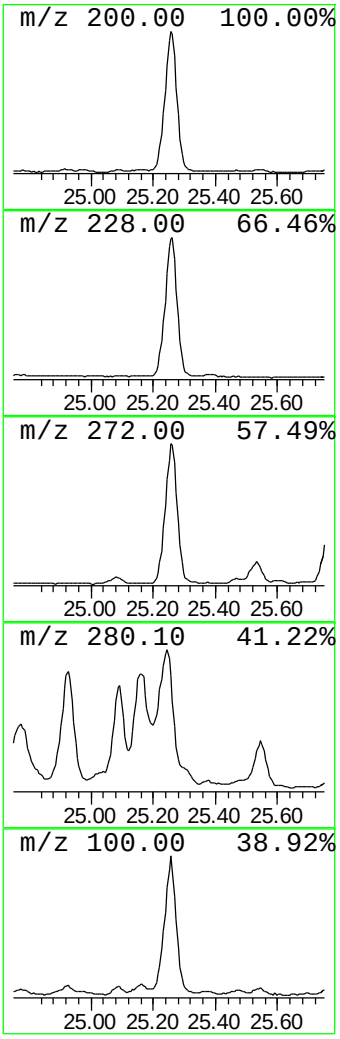
Peak Number 40 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.25	19.70 ng/ul	6836780	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrafluorophthalonitrile	200	C8F4N2	001835-65-0	14
2	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	11
3	1,3,5-Triazine-2,4-diamine, 6-ch...	229	C9H16ClN5	007286-69-3	10
4	Ethyl 1,2-dihydro-1-oxothieno(3,...	272	C15H12O3S	095373-46-9	10
5	7,8-Dimethoxy-1,4-phenazinediol	272	C14H12N2O4	001790-85-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.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
Butane, 2-methoxy...	3.02	4.5	ng/ul	962357	1	7.71	4234390	20.0
Naphthalene, 1,2,...	16.05	4.4	ng/ul	1795500	4	17.08	8100230	20.0
Anthracene, 1,2,3...	17.27	2.6	ng/ul	1074530	4	17.08	8100230	20.0
Anthracene, 9-eth...	17.60	2.7	ng/ul	1101970	4	17.08	8100230	20.0
Anthracene, 1-met...	17.96	2.8	ng/ul	1113240	4	17.08	8100230	20.0
Phenanthrene, 2-m...	18.00	6.2	ng/ul	2497870	4	17.08	8100230	20.0
4H-Cyclopenta[def...	18.16	7.4	ng/ul	2986700	4	17.08	8100230	20.0
6-Phenylbenzocycl...	18.46	2.3	ng/ul	927773	4	17.08	8100230	20.0
9,10-Anthracenedione	18.50	3.5	ng/ul	1437030	4	17.08	8100230	20.0
Phenanthrene, 2,5...	18.71	2.5	ng/ul	1023610	4	17.08	8100230	20.0
Phenanthrene, 3,6...	18.76	2.6	ng/ul	1050900	4	17.08	8100230	20.0
Phenanthrene, 2,3...	18.95	4.3	ng/ul	1745530	4	17.08	8100230	20.0
Cyclopenta(def)ph...	19.03	14.6	ng/ul	5910250	4	17.08	8100230	20.0
Pyrene, 1-methyl-	19.85	5.0	ng/ul	13308500	5	21.29	53693600	20.0
11H-Benzo[a]fluor...	20.76	4.2	ng/ul	11324700	5	21.29	53693600	20.0
Benzo[b]naphtho[2...	20.93	4.8	ng/ul	13016000	5	21.29	53693600	20.0
Benzo[c]phenanthrene	20.97	2.5	ng/ul	6847830	5	21.29	53693600	20.0
Cyclopenta[cd]pyrene	21.01	3.9	ng/ul	10363900	5	21.29	53693600	20.0
Benzo[b]naphtho[2...	21.17	2.0	ng/ul	5398190	5	21.29	53693600	20.0
Naphtho[2,1,8,7-k...	21.60	3.0	ng/ul	7925170	5	21.29	53693600	20.0
Chrysene, 1-methyl-	21.84	4.7	ng/ul	12718400	5	21.29	53693600	20.0
Triphenylene, 2-m...	21.89	2.9	ng/ul	7859230	5	21.29	53693600	20.0
unknown-01	22.03	2.0	ng/ul	5463790	5	21.29	53693600	20.0
Benzo[c]phenanthr...	22.43	3.4	ng/ul	1187420	6	23.53	6940620	20.0
unknown-02	22.49	11.0	ng/ul	3816110	6	23.53	6940620	20.0
1,2'-Binaphthalene	22.61	37.7	ng/ul	13084800	6	23.53	6940620	20.0
Chrysin	22.73	7.6	ng/ul	2634190	6	23.53	6940620	20.0
Dinaphtho[1,2-b:1...	23.16	23.3	ng/ul	8091450	6	23.53	6940620	20.0
2-Isoxazoline-3-c...	24.07	11.7	ng/ul	4044480	6	23.53	6940620	20.0
unknown-03	25.25	19.7	ng/ul	6836780	6	23.53	6940620	20.0