LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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	19	rVB	1821753	2568262	9.90%	0.879%
2	6.416	573	583	590	rBV	247565	404585	1.56%	0.138%
3	6.881	655	662	673	rBV	908250	1668680	6.43%	0.571%
4	7.052	684	691	704	rBV	750838	1181608	4.55%	0.404%
5	7.246	714	724	736	rVV	960612	1525769	5.88%	0.522%
6	7.710	796	803	811	rBV	2457206	3930212	15.15%	1.345%
7	8.410	915	922	929	rBV	1122319	1822863	7.03%	0.624%
8	8.852	991	997	1010	rVV	896385	1515880	5.84%	0.519%
9	9.569	1112	1119	1127	rBV	753111	1227606	4.73%	0.420%
10	10.104	1203	1210	1222	rBV	1300164	2145941	8.27%	0.734%
11	10.481	1266	1274	1280	rBV	3685577	6246354	24.07%	2.138%
12	10.534	1280	1283	1289	rVV	190248	292889	1.13%	0.100%
13	10.616	1289	1297	1309	rVV	785431	1396379	5.38%	0.478%
14	13.216	1736	1739	1751	rVB6	77434	146672	0.57%	0.050%
15	13.663	1808	1815	1824	rBV3	222952	406269	1.57%	0.139%
16	13.751	1824	1830	1834	rVV	2259986	3138977	12.10%	1.074%
17	13.798	1834	1838	1843	rVV	1177614	1675856	6.46%	0.574%
18	14.028	1869	1877	1881	rBV	2635830	4417772	17.03%	1.512%
19	14.187	1897	1904	1910	rVB3	155652	284688	1.10%	0.097%
20	14.339	1920	1930	1937	rBV2	5320061	8437089	32.52%	2.887%
21	14.410	1937	1942	1946	rVV2	577876	909346	3.50%	0.311%
22	14.463	1946	1951	1957	rVB2	438192	623695	2.40%	0.213%
23	14.539	1959	1964	1970	rBV	627135	933168	3.60%	0.319%
24	14.598	1970	1974	1980	rVB3	119874	183224	0.71%	0.063%
25	15.334	2092	2099	2105	rVV	3410729	4879511	18.81%	1.670%
26	15.451	2113	2119	2127	rVV	839758	1190803	4.59%	0.408%
27	16.057	2216	2222	2226	rBV4	349310	694311	2.68%	0.238%
28	16.098	2226	2229	2236	rVB	197103	301403	1.16%	0.103%
29	16.739	2333	2338	2343	rVB3	110573	177993	0.69%	0.061%
30	16.916	2364	2368	2375	rVB4	85513	169257	0.65%	0.058%
31	17.086	2390	2397	2401	rBV	6278131	9216415	35.52%	3.154%
32	17.122	2401	2403	2407	rVV	536478	650796	2.51%	0.223%
33	17.180	2407	2413	2417	rVV	3500153	5265822	20.29%	1.802%
34	17.216	2417	2419	2425	rVV	1176233	1365358	5.26%	0.467%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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	17.275	2425	2429	2437	rVB2	222335	353294	1.36%	0.121%
36	17.486	2461	2465	2469	rBV2	329070	434847	1.68%	0.149%
37	17.604	2481	2485	2492	rVB2	189433	248635	0.96%	0.085%
38	17.992	2547	2551	2561	rVB4	676898	1143070	4.41%	0.391%
39	18.086	2561	2567	2571	rBV2	285007	441465	1.70%	0.151%
40	18.157	2573	2579	2583	rBV3	419166	727949	2.81%	0.249%
41	18.351	2609	2612	2617	rVB4	107798	156620	0.60%	0.054%
42	18.498	2634	2637	2644	rVB5	259487	361300	1.39%	0.124%
43	18.804	2685	2689	2692	rVB	213423	266085	1.03%	0.091%
44	18.880	2698	2702	2707	rBV2	495487	730631	2.82%	0.250%
45	18.945	2708	2713	2716	rBV4	259380	455112	1.75%	0.156%
46	19.022	2721	2726	2734	rBV	1293235	1984200	7.65%	0.679%
47	19.145	2742	2747	2754	rVB	8345344	11344224	43.72%	3.882%
48	19.216	2755	2759	2761	rBV2	201590	268958	1.04%	0.092%
49	19.245	2761	2764	2767	rVV2	259755	340833	1.31%	0.117%
50	19.292	2767	2772	2776	rVB3	398947	719049	2.77%	0.246%
51	19.392	2786	2789	2792	rVB	234236	286267	1.10%	0.098%
52	19.480	2799	2804	2806	rBV2	4703249	6887825	26.55%	2.357%
53	19.510	2806	2809	2818	rVV	13397718	19776745	76.22%	6.768%
54	19.586	2818	2822	2829	rVB3	470369	913749	3.52%	0.313%
55	19.686	2835	2839	2845	rBV2	377559	665530	2.56%	0.228%
56	19.751	2845	2850	2855	rVB2	896510	1398491	5.39%	0.479%
57	19.839	2859	2865	2875	rBV4	1360077	3282558	12.65%	1.123%
58	19.927	2877	2880	2883	rBV4	146777	198948	0.77%	0.068%
59	20.051	2898	2901	2904	rBV3	243304	311289	1.20%	0.107%
60	20.110	2907	2911	2914	rVV	853312	1064086	4.10%	0.364%
61	20.169	2914	2921	2925	rVV3	1946480	3489557	13.45%	1.194%
62	20.204	2925	2927	2931	rVV	537979	628397	2.42%	0.215%
63	20.245	2931	2934	2940	rVB3	278438	445496	1.72%	0.152%
64	20.310	2940	2945	2948	rBV	1663492	2241042	8.64%	0.767%
65	20.351	2948	2952	2957	rVB2	933521	1476720	5.69%	0.505%
66	20.563	2984	2988	2990	rBV3	398171	587445	2.26%	0.201%
67	20.674	3005	3007	3009	rBV2	189769	154384	0.59%	0.053%
68	20.710	3009	3013	3018	rBV4	505583	1087240	4.19%	0.372%
69	20.763	3018	3022	3028	rVB2	1217812	1940040	7.48%	0.664%
70	20.851	3035	3037	3040	rVB	402638	397489	1.53%	0.136%
71	20.927	3043	3050	3053	rVV3	1443498	2543447	9.80%	0.870%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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	20.963	3053	3056	3059	rVV	1427255	1829975	7.05%	0.626%
73	21.004	3059	3063	3068	rVV2	2117784	3968420	15.29%	1.358%
74	21.057	3069	3072	3084	rVB	1232994	2317151	8.93%	0.793%
75	21.169	3084	3091	3094	rBV2	683277	1433887	5.53%	0.491%
76	21.204	3094	3097	3100	rVV2	944381	1058819	4.08%	0.362%
77	21.274	3100	3109	3114	rVV2	9954731	24658416	95.03%	8.439%
78	21.321	3114	3117	3123	rVB	6272117	8759205	33.76%	2.998%
79	21.439	3133	3137	3142	rBV	1704122	2473434	9.53%	0.846%
80	21.586	3158	3162	3168	rBV2	1296142	2111728	8.14%	0.723%
81	21.645	3168	3172	3179	rVB4	687919	1264425	4.87%	0.433%
82	21.780	3192	3195	3197	rBV	427616	510770	1.97%	0.175%
83	21.833	3198	3204	3208	rVV	1924256	3458304	13.33%	1.184%
84	21.886	3209	3213	3217	rVB2	1246726	1759867	6.78%	0.602%
85	22.027	3233	3237	3240	rBV	1113175	1671816	6.44%	0.572%
86	22.063	3240	3243	3249	rVB5	1013784	1521630	5.86%	0.521%
87	22.127	3250	3254	3264	rVB4	815337	1532463	5.91%	0.524%
88	22.304	3281	3284	3287	rBV	392798	562012	2.17%	0.192%
89	22.598	3328	3334	3345	rVB2	894311	2427359	9.35%	0.831%
90	22.857	3370	3378	3383	rBV	10918691	25947278	100.00%	8.880%
91	23.021	3401	3406	3413	rVB	1837401	2993383	11.54%	1.024%
92	23.151	3423	3428	3437	rBV2	672303	1854784	7.15%	0.635%
93	23.327	3451	3458	3463	rBV	5541693	10741106	41.40%	3.676%
94	23.374	3463	3466	3469	rVV	1723679	2816237	10.85%	0.964%
95	23.421	3469	3474	3481	rVB	7280073	12658165	48.78%	4.332%
96	23.515	3483	3490	3494	rBV	3351228	6768314	26.08%	2.316%
97	23.563	3494	3498	3507	rVB2	2284763	4750696	18.31%	1.626%
98	24.068	3578	3584	3594	rVB2	1140485	2459713	9.48%	0.842%
99	25.751	3861	3870	3881	rVB2	3433114	10128342	39.03%	3.466%
100	26.433	3977	3986	4002	rVB	2245162	7014205	27.03%	2.400%

Sum of corrected areas: 292200374

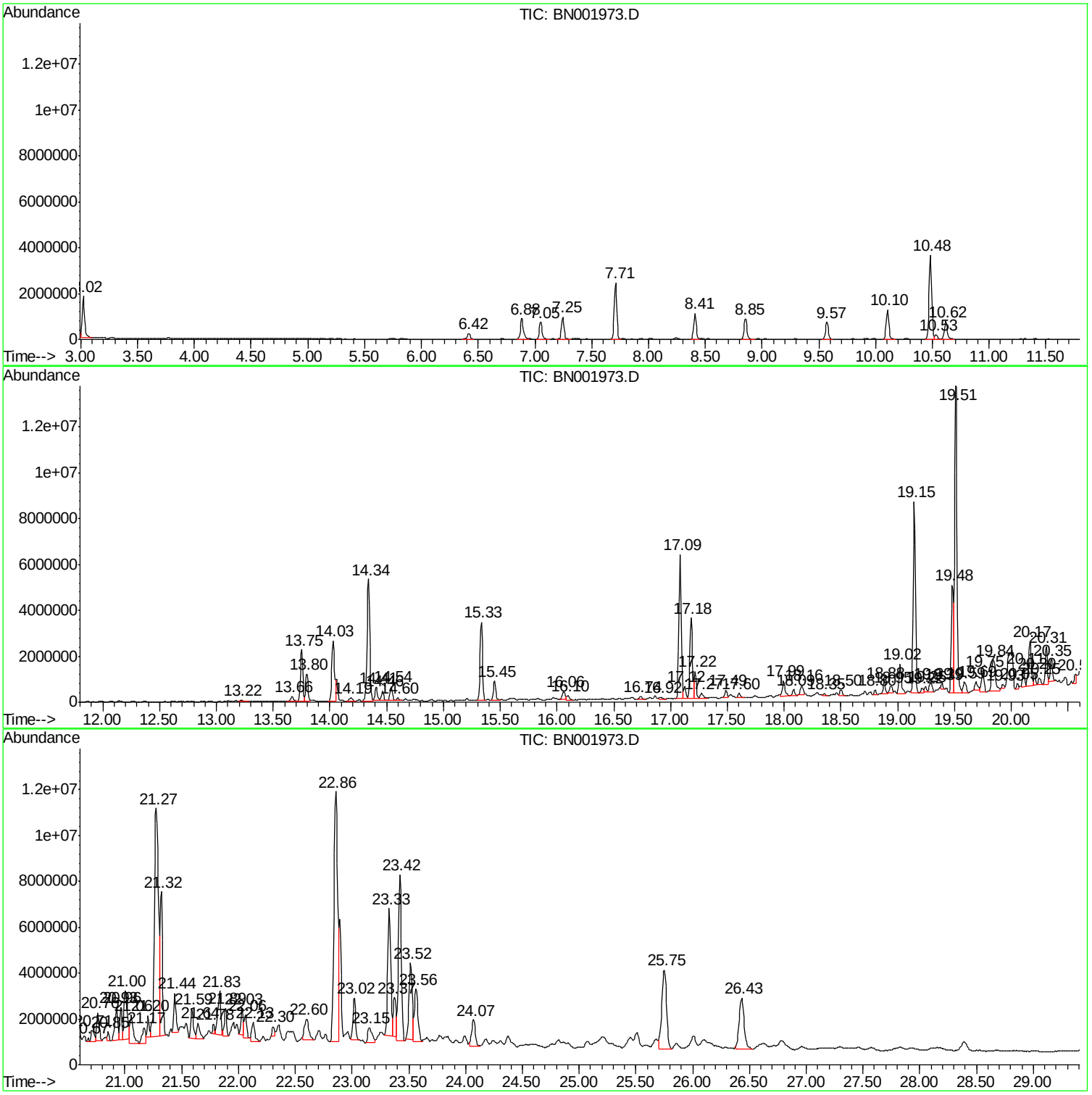
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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

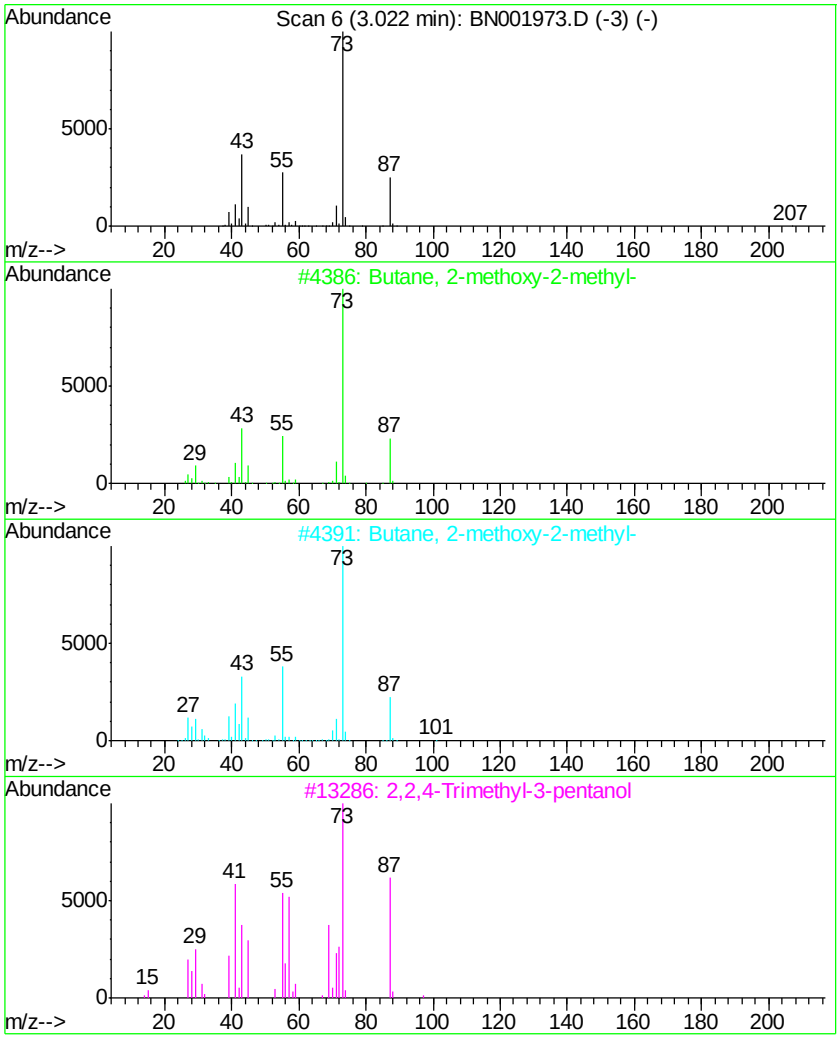
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

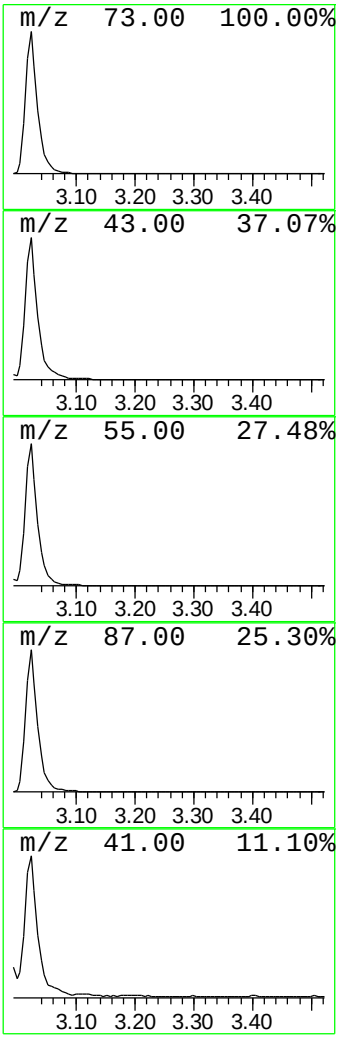
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	13.07 ng/ul	2568260	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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

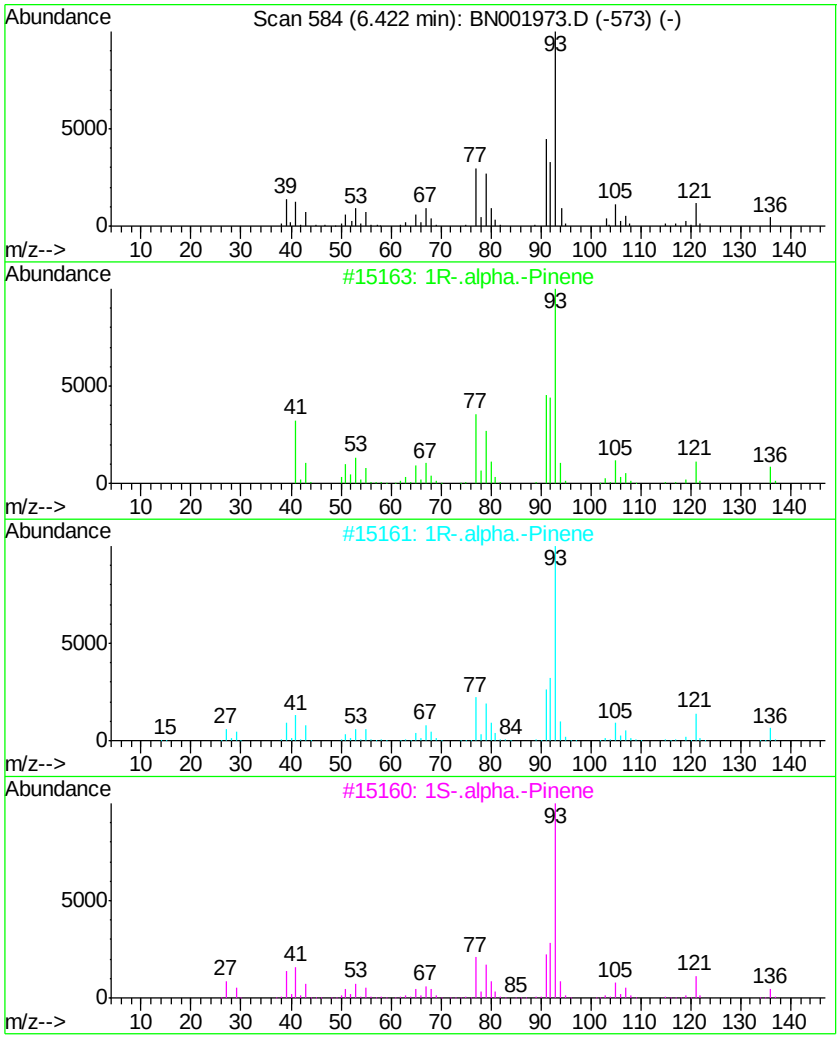
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

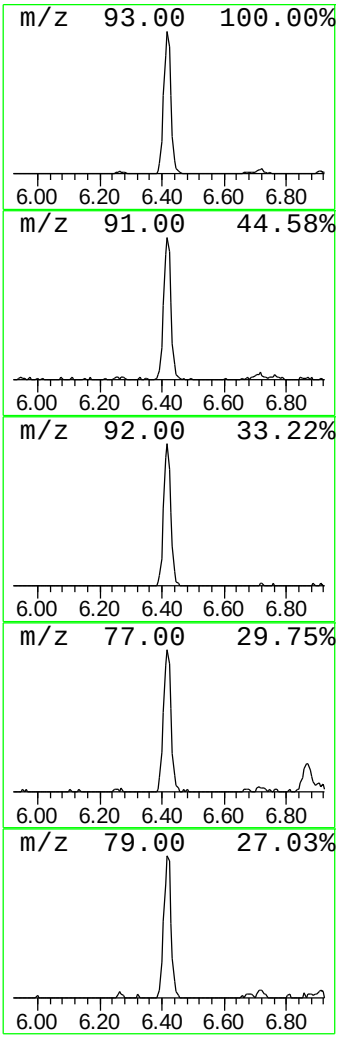
****

Peak Number 2 1R-.alpha.-Pinene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	2.06 ng/ul	404585	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	1R-.alpha.-Pinene	136	C10H16	007785-70-8	94
3	1S-.alpha.-Pinene	136	C10H16	007785-26-4	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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

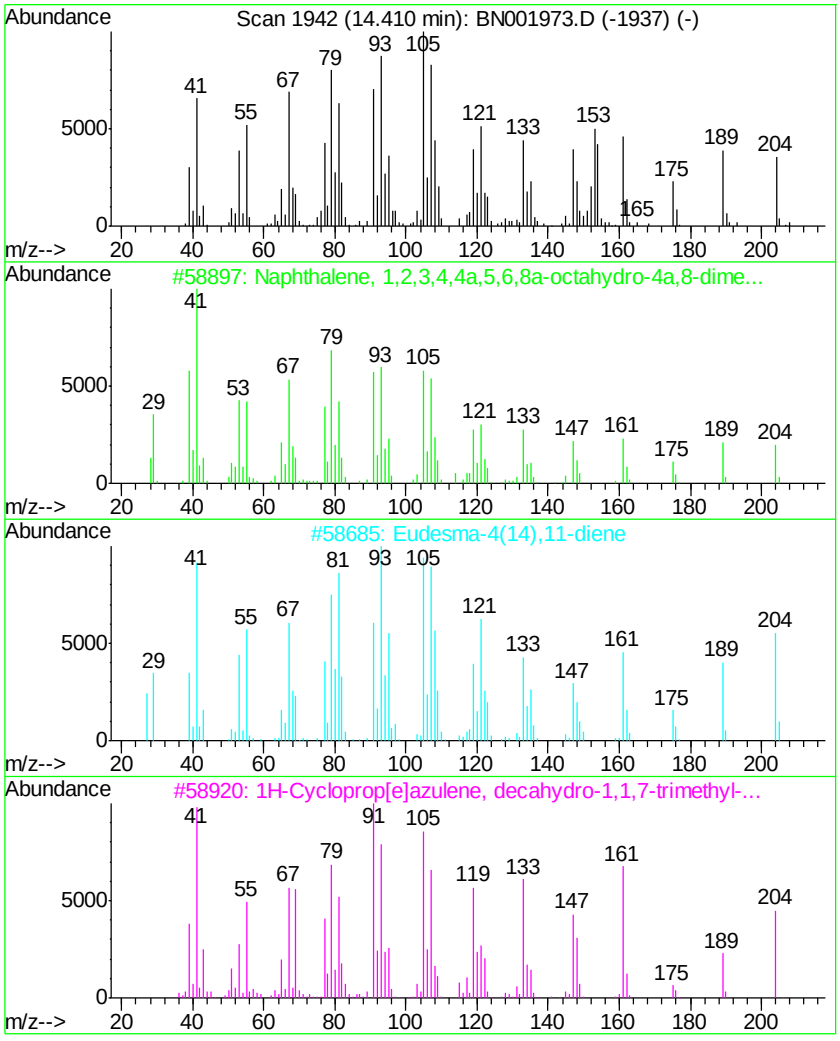
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

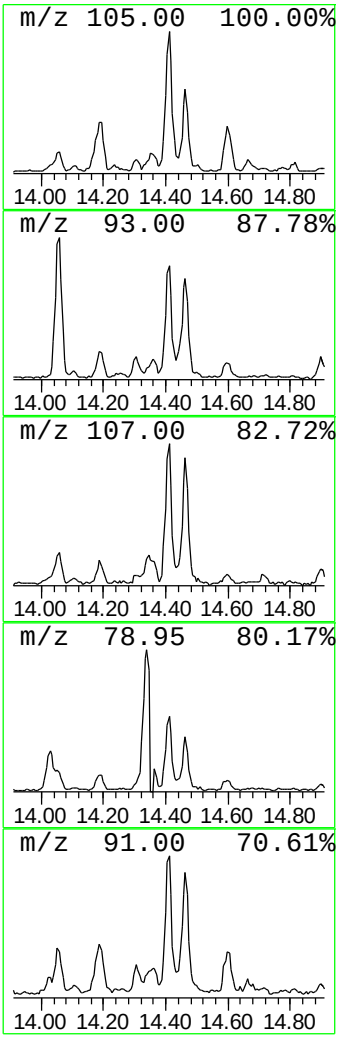
****

Peak Number 3 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.16 ng/ul	909346	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	99
2	Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	97
3	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	025246-27-9	78
4	.beta.-Humulene	204	C15H24	000116-04-1	74
5	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	000489-39-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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

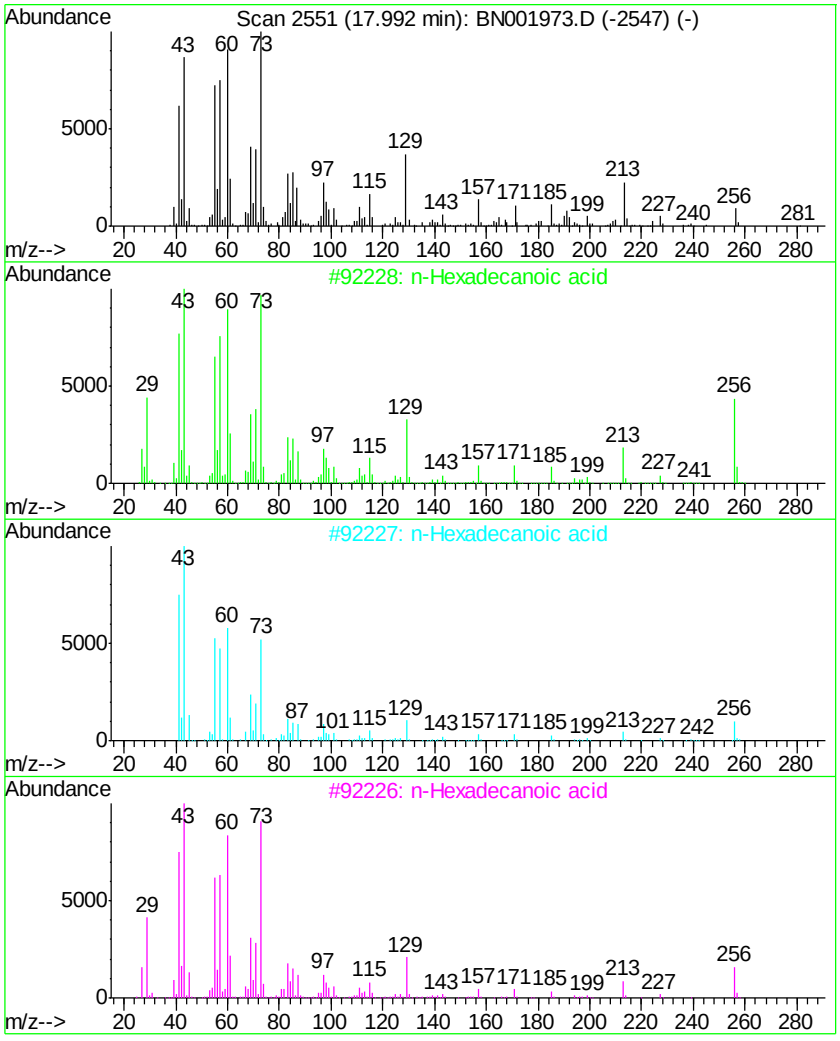
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

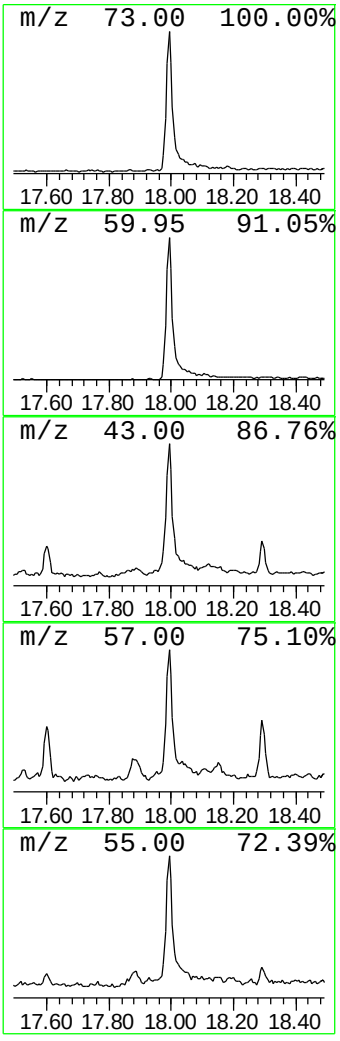
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.48 ng/ul	1143070	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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

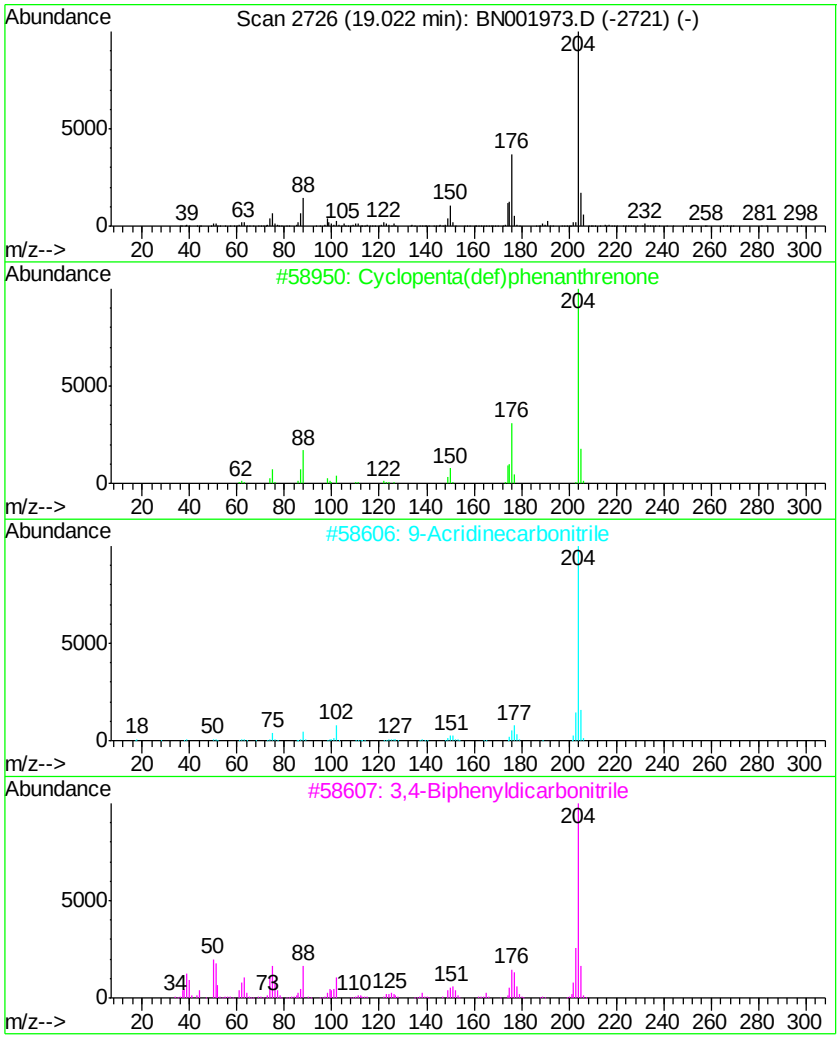
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

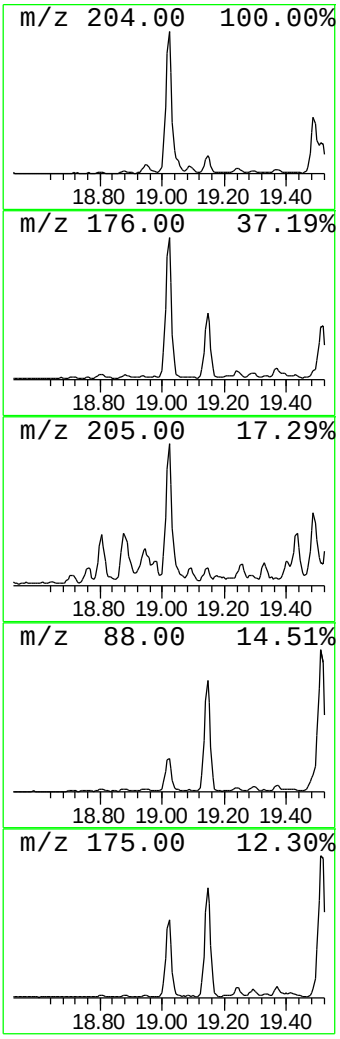
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	4.31 ng/ul	1984200	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45





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Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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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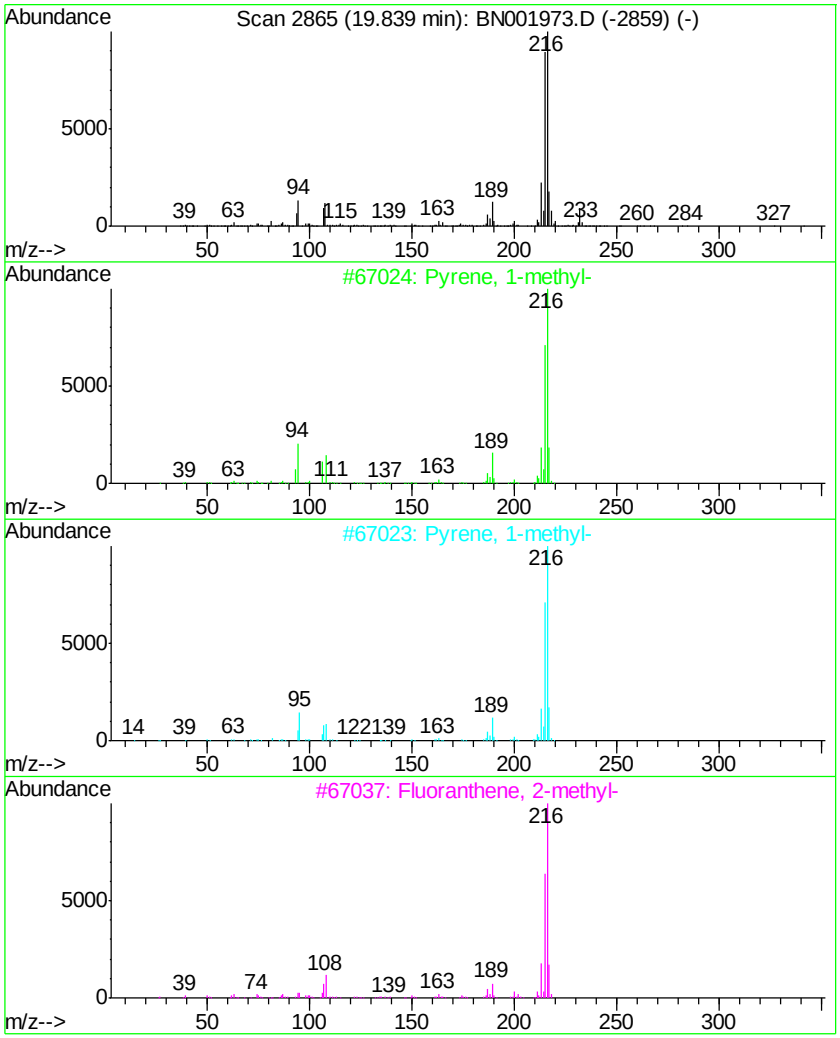
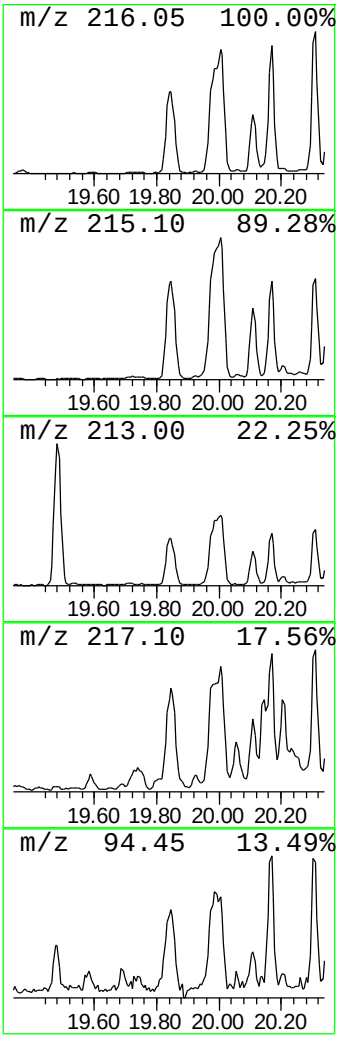
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.66 ng/ul	3282560	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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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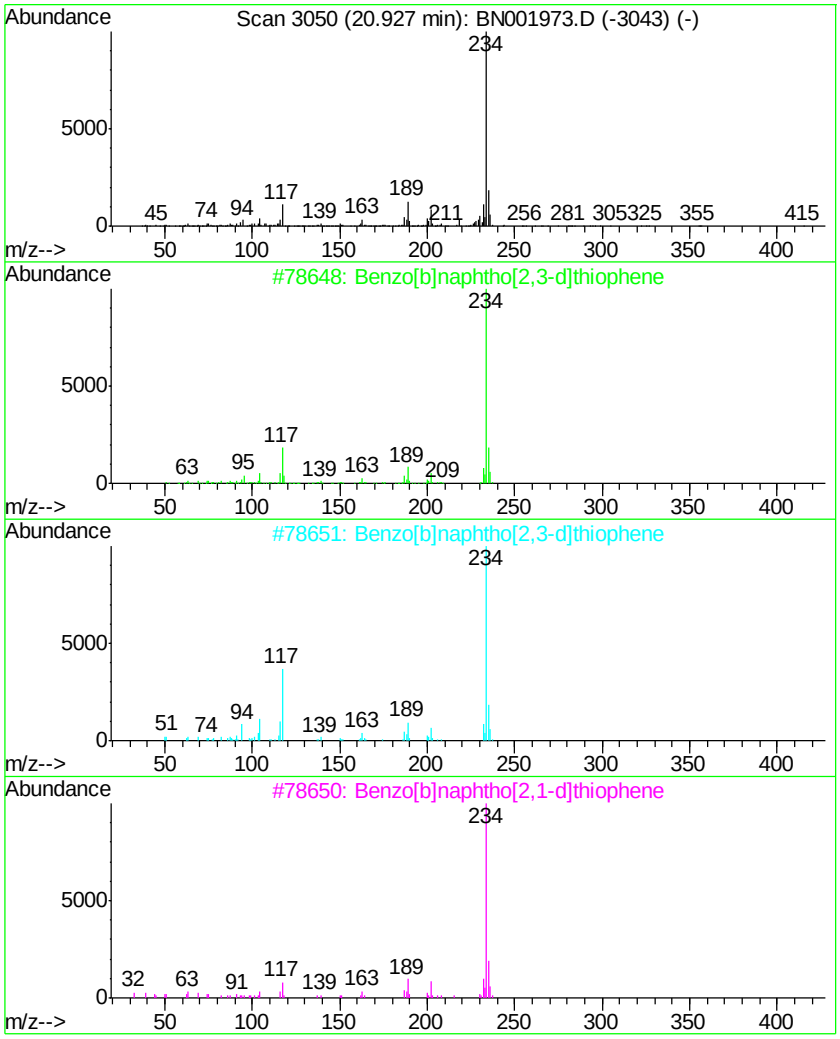
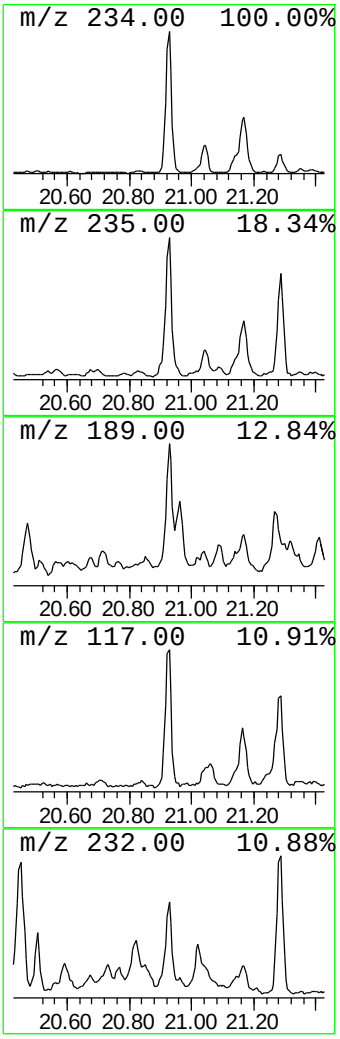
Peak Number 8 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.06 ng/ul	2543450	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[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
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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Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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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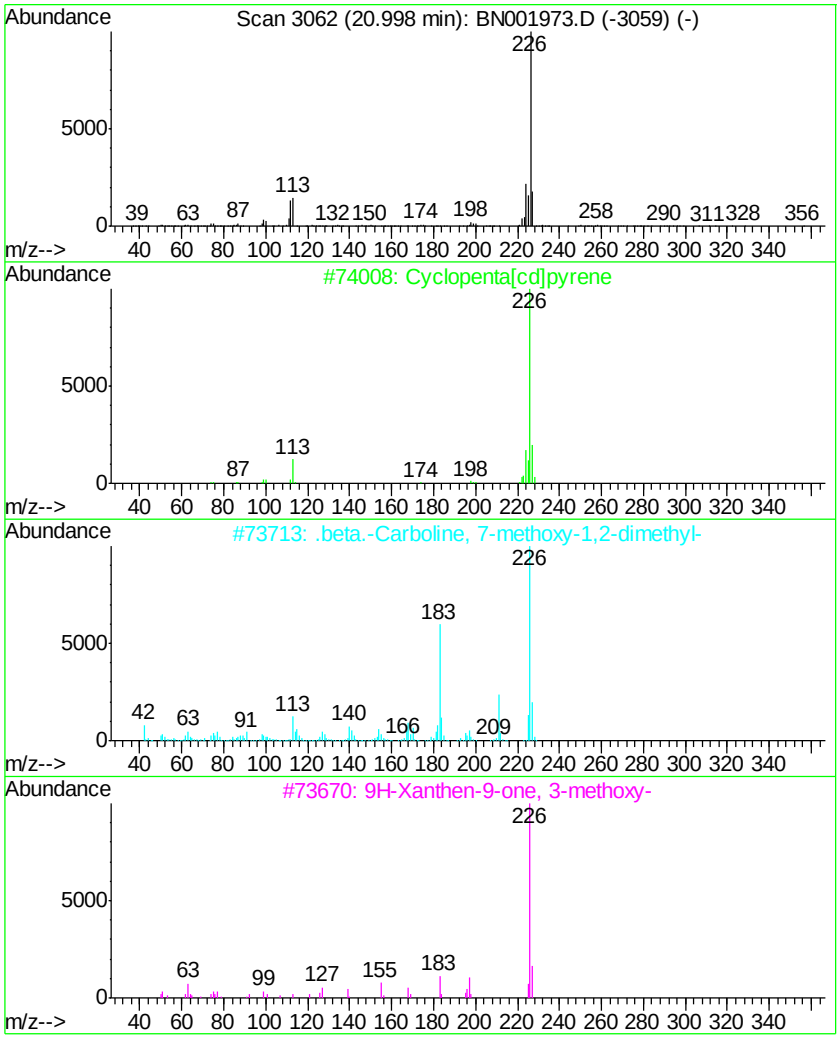
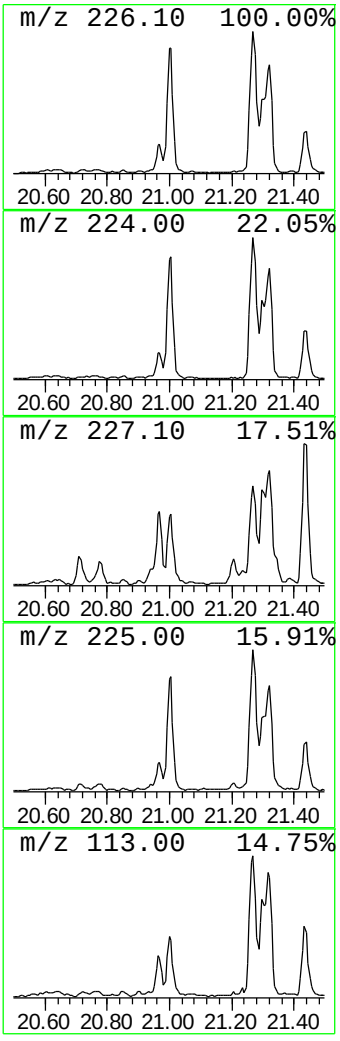
Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.22 ng/ul	3968420	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	37
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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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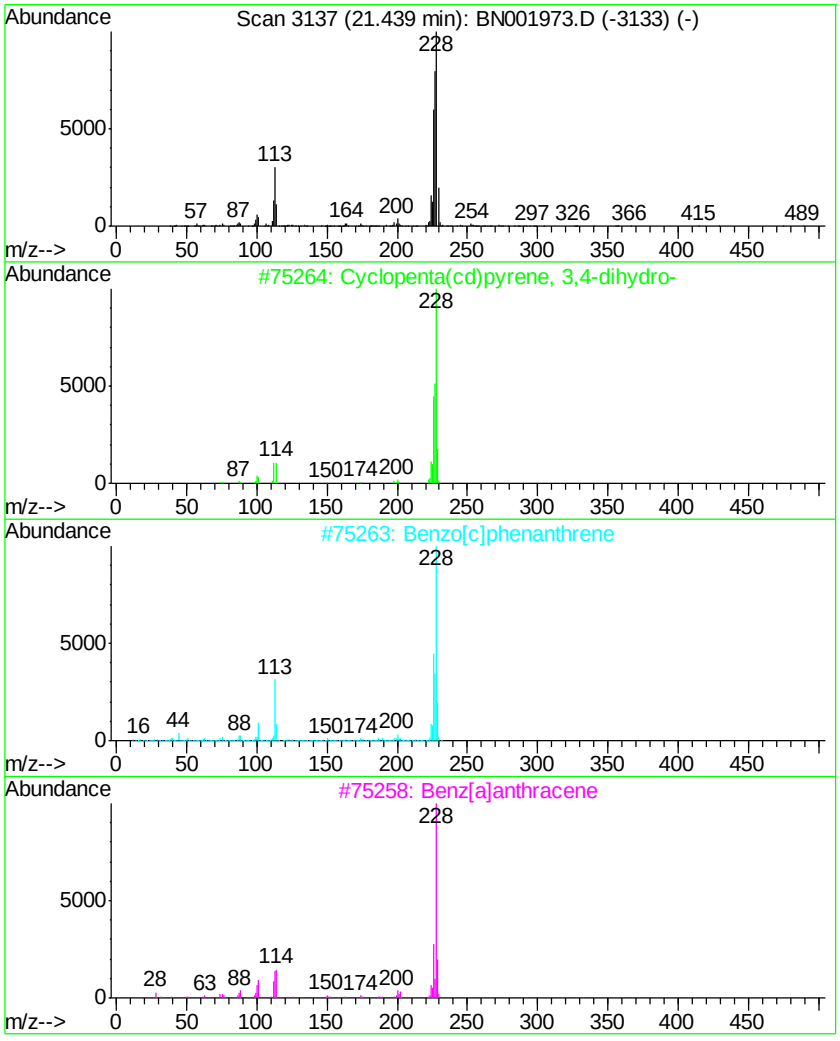
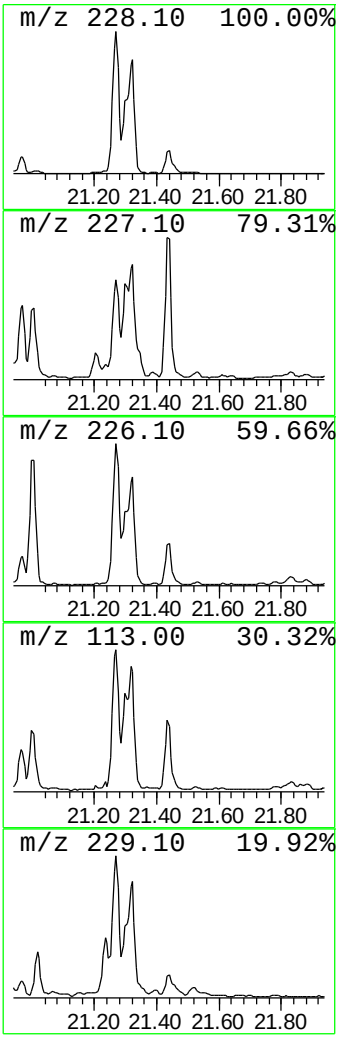
Peak Number 10 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.01 ng/ul	2473430	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Benz[a]anthracene	228	C18H12	000056-55-3	50
4	Triphenylene	228	C18H12	000217-59-4	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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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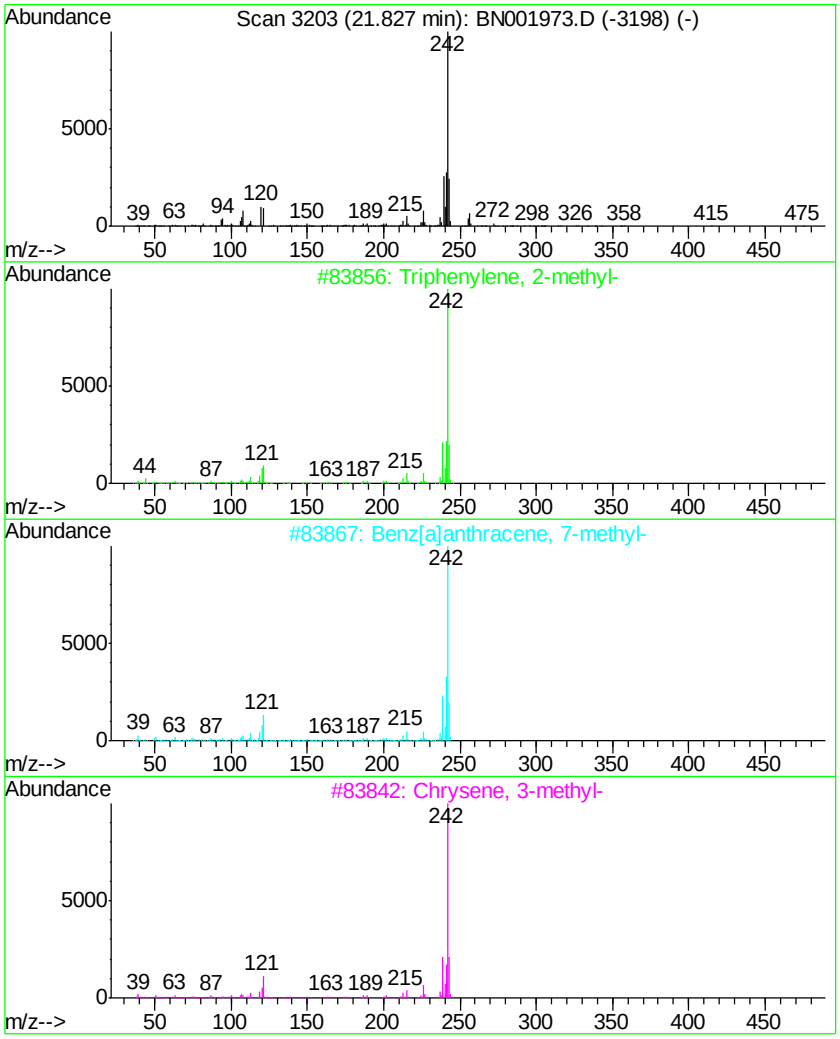
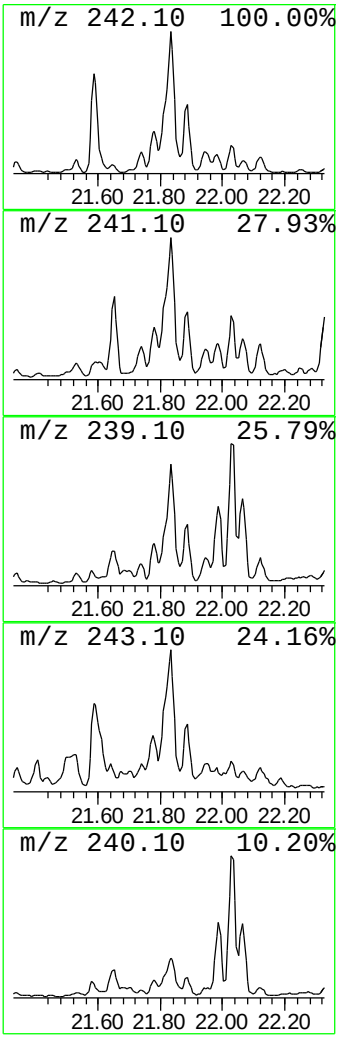
Peak Number 11 Triphenylene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.80 ng/ul	3458300	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	89





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Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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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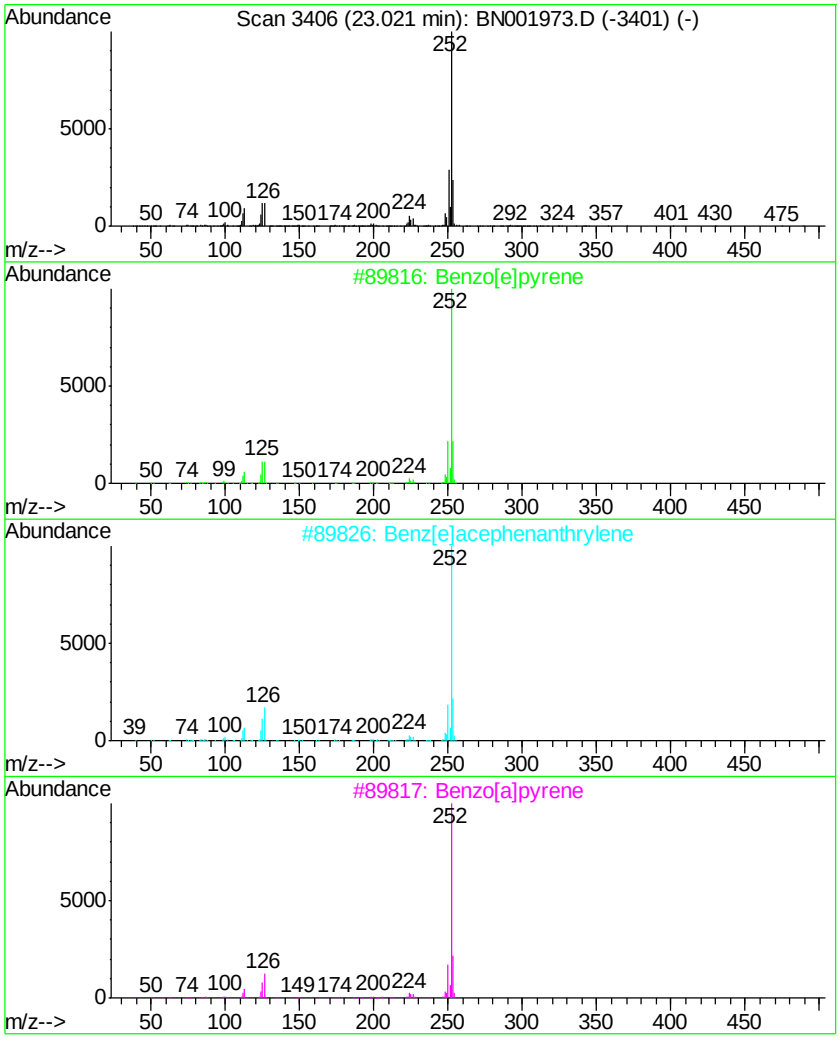
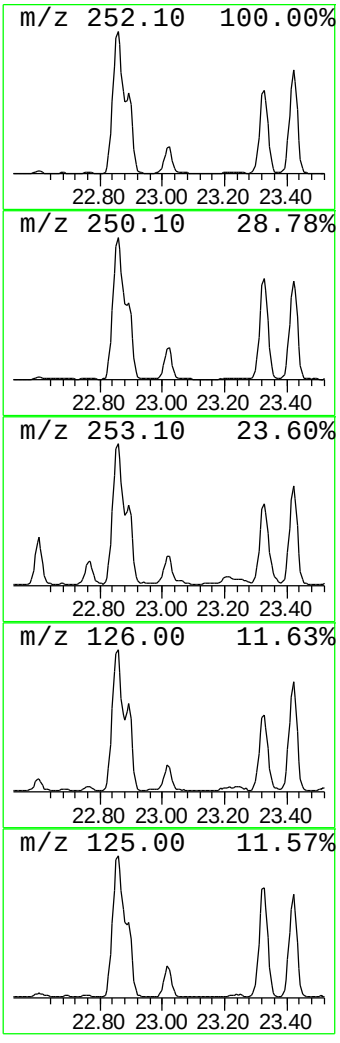
Peak Number 13 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	8.85 ng/ul	2993380	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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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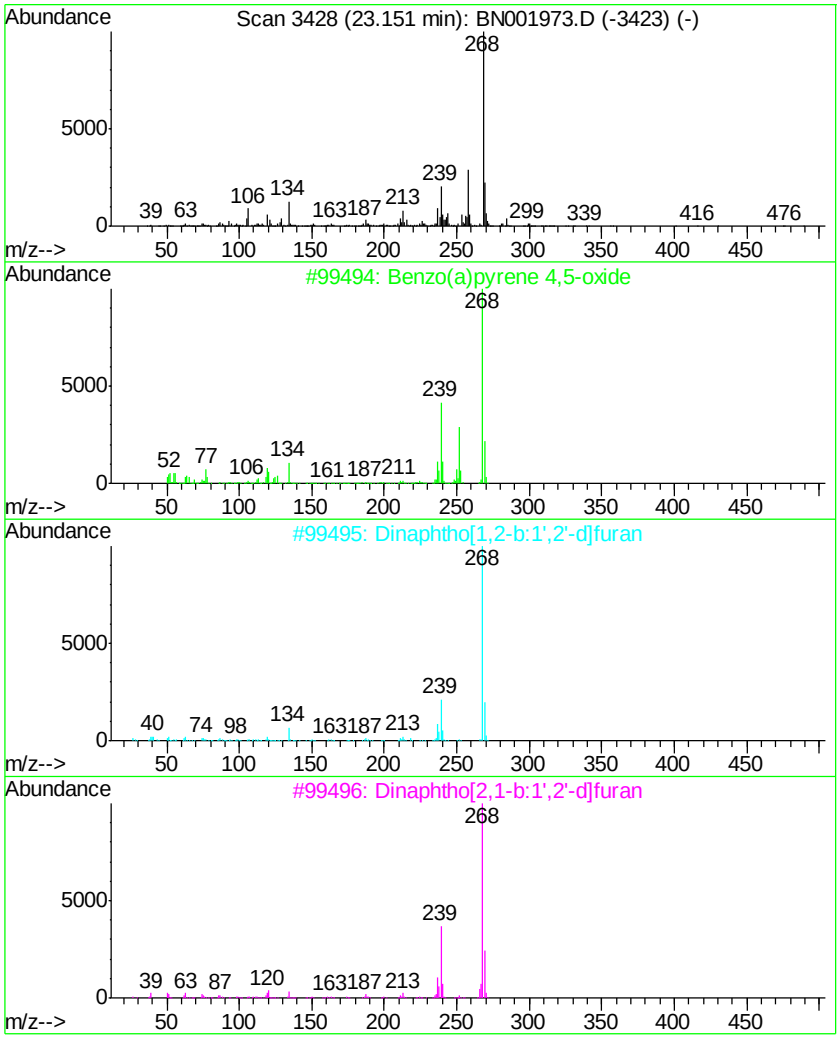
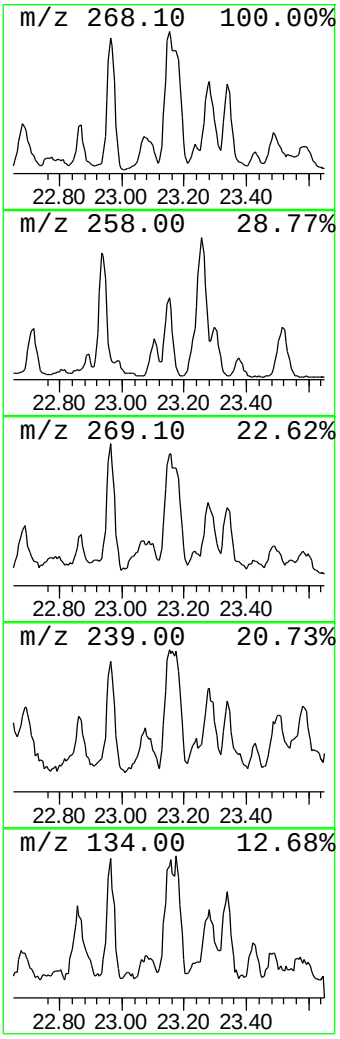
Peak Number 14 Benzo(a)pyrene 4,5-oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	5.48 ng/ul	1854780	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	81
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	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	Benzo[c]pyren-6,7-diol, 4,5-dihy...	433	C29H23NO3	1000124-59-9	53





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Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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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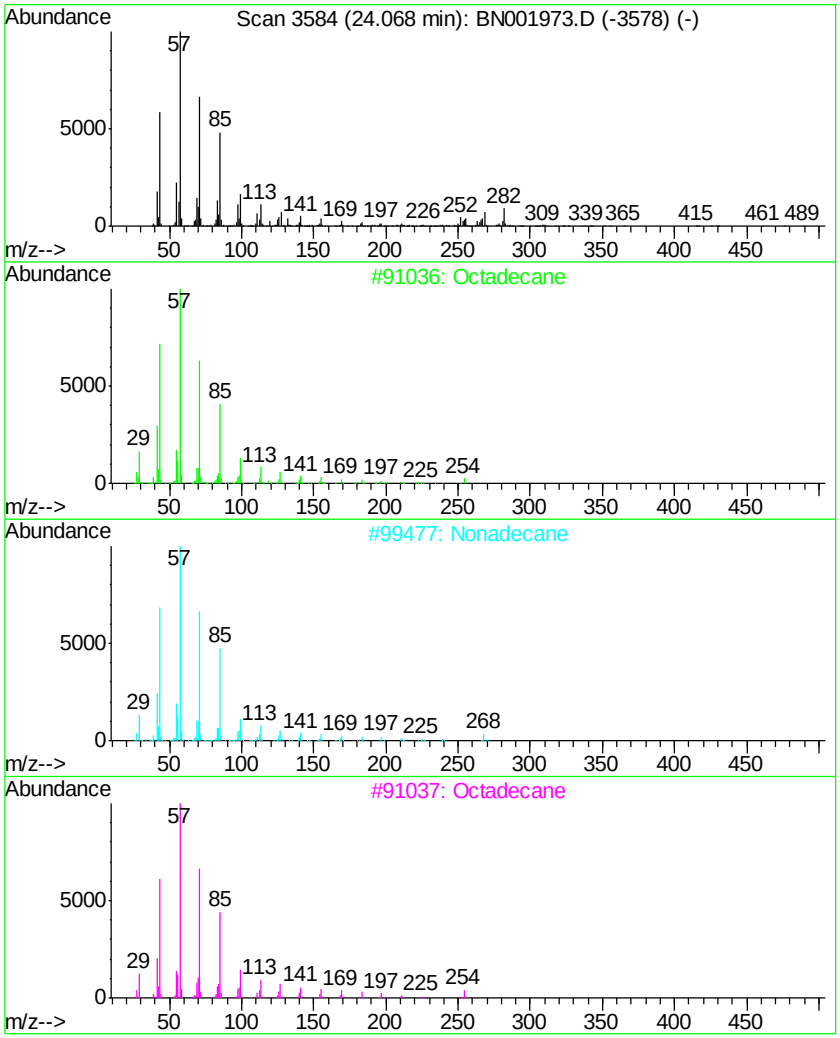
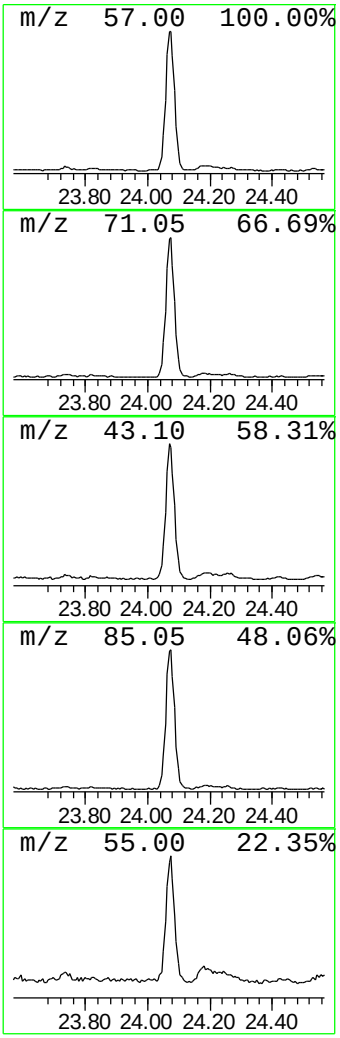
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	7.27 ng/ul	2459710	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

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Data File : BN001973.D
Acq On : 05 Jul 2018 18:30
Operator : JU/SJ
Sample : J3721-21DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H22DL

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	13.1	ng/ul	2568260	1	7.71	3930210	20.0
1R-.alpha.-Pinene	6.42	2.1	ng/ul	404585	1	7.71	3930210	20.0
Naphthalene, 1,2,...	14.41	2.2	ng/ul	909346	3	14.34	8437090	20.0
n-Hexadecanoic acid	17.99	2.5	ng/ul	1143070	4	17.09	9216420	20.0
Cyclopenta(def)ph...	19.02	4.3	ng/ul	1984200	4	17.09	9216420	20.0
Pyrene, 1-methyl-	19.84	2.7	ng/ul	3282560	5	21.29	24658400	20.0
Benzo[b]naphtho[2...	20.93	2.1	ng/ul	2543450	5	21.29	24658400	20.0
Cyclopenta[cd]pyrene	21.00	3.2	ng/ul	3968420	5	21.29	24658400	20.0
Cyclopenta(cd)pyr...	21.44	2.0	ng/ul	2473430	5	21.29	24658400	20.0
Triphenylene, 2-m...	21.83	2.8	ng/ul	3458300	5	21.29	24658400	20.0
Benzo[e]pyrene	23.02	8.8	ng/ul	2993380	6	23.52	6768310	20.0
Benzo(a)pyrene 4,...	23.15	5.5	ng/ul	1854780	6	23.52	6768310	20.0
(DEL) Alkane: Str...	24.07	7.3	ng/ul	2459710	6	23.52	6768310	20.0