LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

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-BN091619MA.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	3.017	3	5	22	rVB	4219960	5090658	20.00%	1.957%
2	3.981	165	169	174	rVB2	33599	46504	0.18%	0.018%
3	6.881	655	662	672	rBV2	288333	581275	2.28%	0.223%
4	7.052	684	691	702	rBV	155012	307427	1.21%	0.118%
5	7.240	717	723	731	rBV	321025	508135	2.00%	0.195%
6	7.705	795	802	813	rBV	2766415	4348867	17.09%	1.672%
7	8.399	915	920	930	rBV	348208	576646	2.27%	0.222%
8	8.846	990	996	1006	rVB	263926	453034	1.78%	0.174%
9	9.563	1112	1118	1127	rBV2	180286	307939	1.21%	0.118%
10	10.099	1202	1209	1216	rBV	391056	648489	2.55%	0.249%
11	10.475	1265	1273	1279	rBV	3789107	6368561	25.02%	2.448%
12	10.522	1279	1281	1288	rVB	88926	132388	0.52%	0.051%
13	10.610	1290	1296	1305	rBV	127181	273283	1.07%	0.105%
14	12.140	1551	1556	1561	rVB2	57012	88958	0.35%	0.034%
15	12.363	1588	1594	1599	rVB	36358	53367	0.21%	0.021%
16	13.163	1725	1730	1737	rVB5	20371	38451	0.15%	0.015%
17	13.357	1758	1763	1769	rBV3	20389	33597	0.13%	0.013%
18	13.492	1781	1786	1787	rBV4	21852	27614	0.11%	0.011%
19	13.510	1787	1789	1796	rVB5	26108	33572	0.13%	0.013%
20	13.657	1808	1814	1818	rVB5	33150	55389	0.22%	0.021%
21	13.740	1823	1828	1832	rVV	653746	911242	3.58%	0.350%
22	13.787	1832	1836	1842	rVB	296074	404699	1.59%	0.156%
23	14.022	1864	1876	1886	rBV	779083	1217966	4.79%	0.468%
24	14.334	1921	1929	1935	rBV	5929979	8712038	34.23%	3.349%
25	14.392	1935	1939	1947	rVV	466582	682762	2.68%	0.262%
26	14.457	1947	1950	1954	rVB3	18609	25905	0.10%	0.010%
27	14.516	1955	1960	1972	rBV2	158325	300553	1.18%	0.116%
28	14.734	1991	1997	2005	rVB	164172	275553	1.08%	0.106%
29	14.816	2005	2011	2016	rVB6	24020	40252	0.16%	0.015%
30	14.951	2028	2034	2039	rBV6	17316	28045	0.11%	0.011%
31	15.010	2039	2044	2049	rBV6	26681	37663	0.15%	0.014%
32	15.128	2057	2064	2066	rBV5	16567	28805	0.11%	0.011%
33	15.151	2066	2068	2073	rVV6	22741	32973	0.13%	0.013%
34	15.328	2092	2098	2103	rBV	983811	1442601	5.67%	0.555%

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Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

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-BN091619MA.M
Title : SVOA CALIBRATION

35	15.381	2103	2107	2112	rVB2	243277	328581	1.29%	0.126%
36	15.439	2112	2117	2121	rBV6	43745	67698	0.27%	0.026%
37	15.504	2125	2128	2132	rVV3	43207	57662	0.23%	0.022%
38	15.545	2132	2135	2140	rVV2	47959	69316	0.27%	0.027%
39	15.628	2146	2149	2153	rVB4	45001	53954	0.21%	0.021%
40	15.675	2153	2157	2165	rVB	64963	102724	0.40%	0.039%
41	15.822	2177	2182	2191	rVB2	75368	152917	0.60%	0.059%
42	16.051	2217	2221	2228	rVB5	81018	141974	0.56%	0.055%
43	16.345	2266	2271	2272	rBV4	48917	73353	0.29%	0.028%
44	16.381	2275	2277	2283	rVV4	55837	98307	0.39%	0.038%
45	16.433	2283	2286	2291	rVB3	52888	85523	0.34%	0.033%
46	16.528	2300	2302	2308	rVB7	34042	45229	0.18%	0.017%
47	16.622	2315	2318	2320	rBV4	27063	32456	0.13%	0.012%
48	16.657	2320	2324	2327	rBV3	44092	54019	0.21%	0.021%
49	16.728	2331	2336	2344	rVB	318524	445012	1.75%	0.171%
50	16.833	2347	2354	2360	rBV5	136068	356548	1.40%	0.137%
51	16.892	2360	2364	2371	rVB	319541	446346	1.75%	0.172%
52	17.075	2389	2395	2399	rBV2	7283310	10300881	40.48%	3.960%
53	17.116	2399	2402	2407	rVV	5652958	7337529	28.83%	2.821%
54	17.169	2407	2411	2415	rVV2	1122227	1765719	6.94%	0.679%
55	17.204	2415	2417	2422	rVV	857044	1085327	4.26%	0.417%
56	17.263	2424	2427	2433	rVB	138697	222269	0.87%	0.085%
57	17.475	2455	2463	2469	rBV	858222	1404088	5.52%	0.540%
58	17.657	2490	2494	2498	rVB	240608	299260	1.18%	0.115%
59	17.798	2514	2518	2525	rVB2	222309	449724	1.77%	0.173%
60	17.951	2539	2544	2547	rBV	884308	1195583	4.70%	0.460%
61	17.998	2547	2552	2559	rVB	1334630	2011939	7.91%	0.773%
62	18.075	2562	2565	2570	rBV	223199	303468	1.19%	0.117%
63	18.145	2572	2577	2581	rVV2	790632	1398104	5.49%	0.537%
64	18.180	2581	2583	2587	rVB	405226	473296	1.86%	0.182%
65	18.451	2626	2629	2632	rBV2	481433	669028	2.63%	0.257%
66	18.486	2632	2635	2641	rVB3	576142	950455	3.73%	0.365%
67	18.757	2677	2681	2683	rBV	674020	851563	3.35%	0.327%
68	18.875	2698	2701	2705	rVB2	881489	1172295	4.61%	0.451%
69	19.010	2721	2724	2732	rVB	708726	1002286	3.94%	0.385%
70	19.139	2740	2746	2753	rVB	12909157	16560427	65.07%	6.366%
71	19.380	2784	2787	2791	rBV	552917	716239	2.81%	0.275%

LSC Area Percent Report

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Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

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-BN091619MA.M
Title : SVOA CALIBRATION

72	19.475	2798	2803	2804	rBV2	3430626	4554343	17.90%	1.751%
73	19.498	2804	2807	2815	rVB	10764487	15782466	62.02%	6.067%
74	19.998	2889	2892	2896	rVB	1384461	1851363	7.27%	0.712%
75	20.098	2907	2909	2913	rVB2	742532	901231	3.54%	0.346%
76	20.157	2916	2919	2923	rVB	2258415	2686322	10.56%	1.033%
77	20.298	2940	2943	2947	rVB	1258389	1465653	5.76%	0.563%
78	20.345	2947	2951	2955	rVB	1108032	1620088	6.37%	0.623%
79	20.745	3016	3019	3026	rVB	2306841	3571647	14.03%	1.373%
80	20.916	3041	3048	3052	rBV2	2861784	5523501	21.70%	2.123%
81	20.951	3052	3054	3058	rVV	1241796	1549186	6.09%	0.596%
82	21.004	3058	3063	3066	rVV2	1534628	2896697	11.38%	1.114%
83	21.045	3067	3070	3078	rVB3	1805529	2868657	11.27%	1.103%
84	21.157	3086	3089	3093	rBV2	591850	842473	3.31%	0.324%
85	21.257	3101	3106	3111	rBV2	12447645	25449287	100.00%	9.783%
86	21.304	3111	3114	3124	rVV	10189023	15493050	60.88%	5.956%
87	21.386	3125	3128	3132	rVB2	1714084	2025228	7.96%	0.779%
88	21.421	3132	3134	3138	rBV2	632107	731593	2.87%	0.281%
89	21.580	3157	3161	3166	rBV2	1707446	2753024	10.82%	1.058%
90	21.874	3207	3211	3214	rBV	2273968	3429737	13.48%	1.318%
91	22.833	3368	3374	3379	rBV	8467766	18707461	73.51%	7.192%
92	23.304	3448	3454	3459	rBV	5679931	10043148	39.46%	3.861%
93	23.398	3465	3470	3477	rVB	7781261	14151789	55.61%	5.440%
94	23.492	3480	3486	3491	rVV	5775438	11187407	43.96%	4.301%
95	23.539	3491	3494	3502	rVB2	2169393	4272770	16.79%	1.643%
96	25.709	3857	3863	3875	rVB	3915142	10999573	43.22%	4.229%
97	26.392	3973	3979	3996	rVB	2645139	7873271	30.94%	3.027%

Sum of corrected areas: 260127275

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
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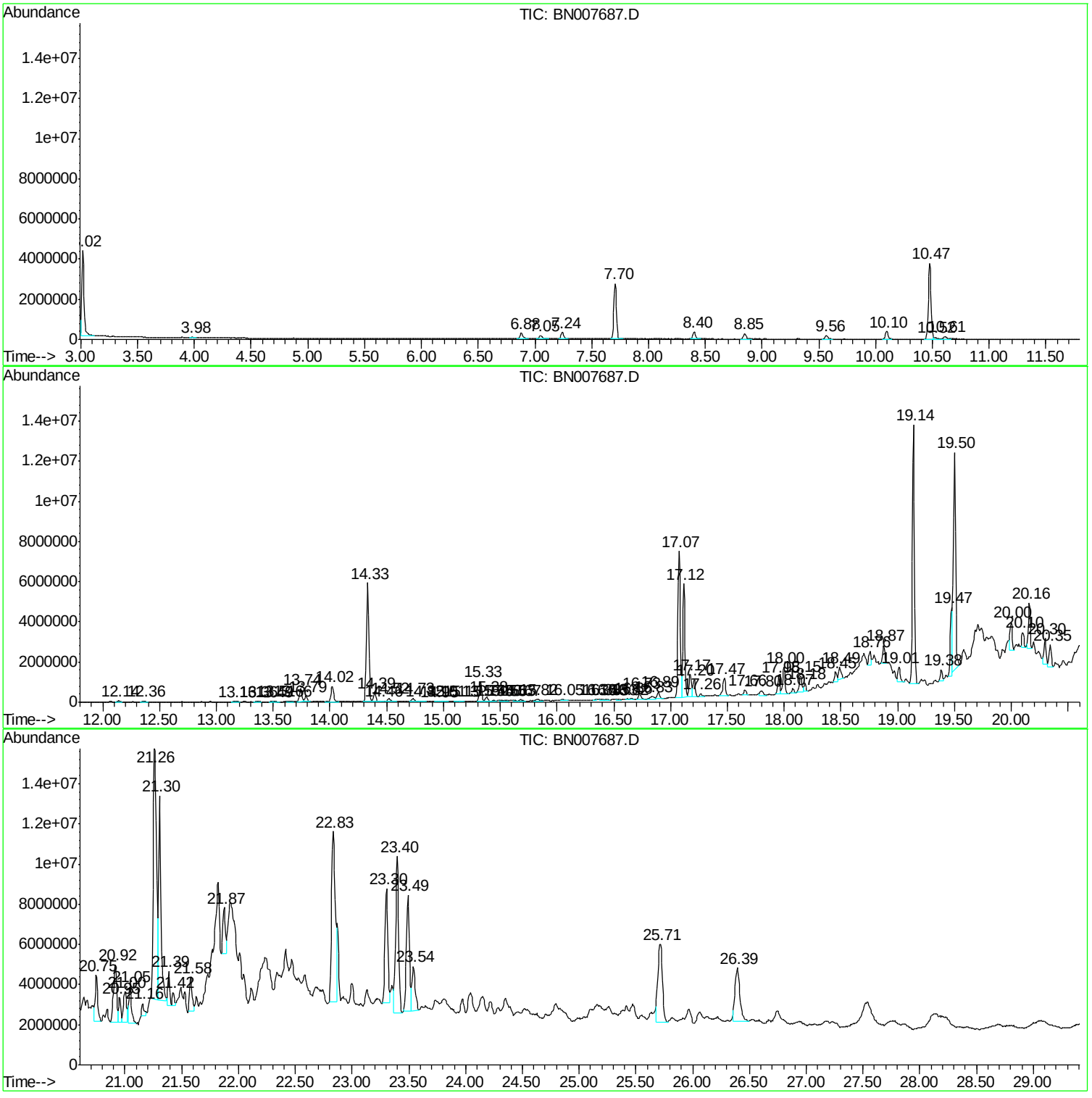
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
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Misc :
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Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

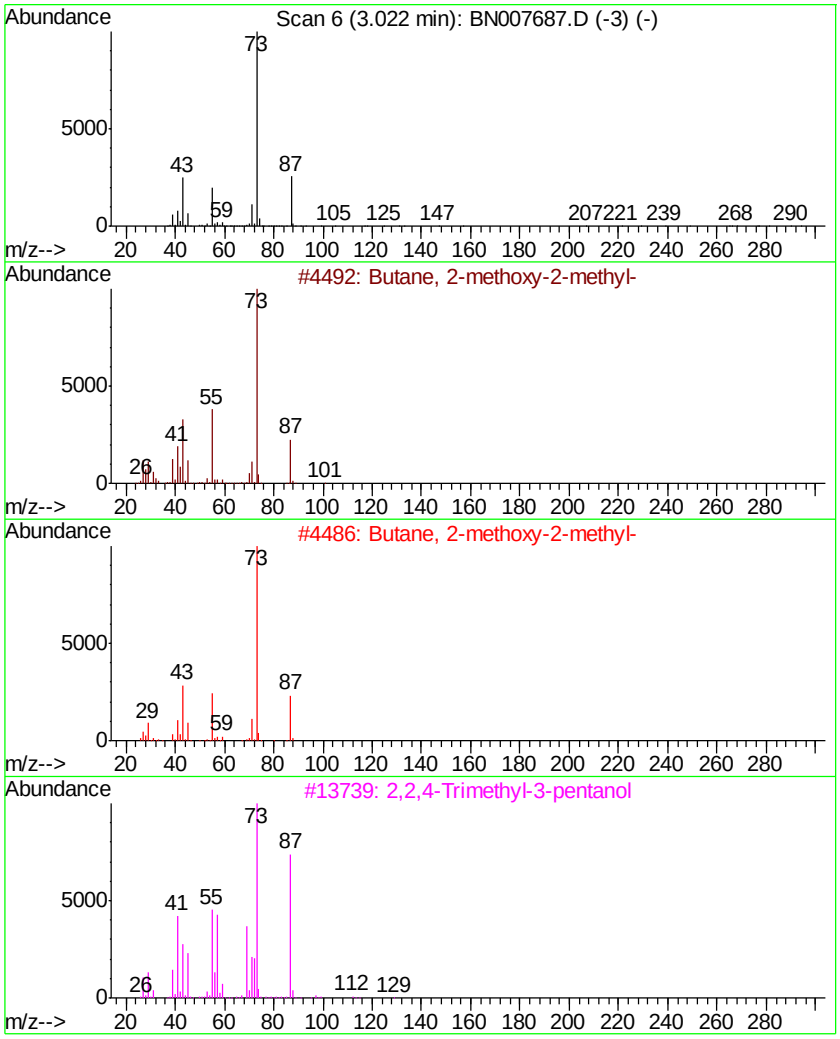
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

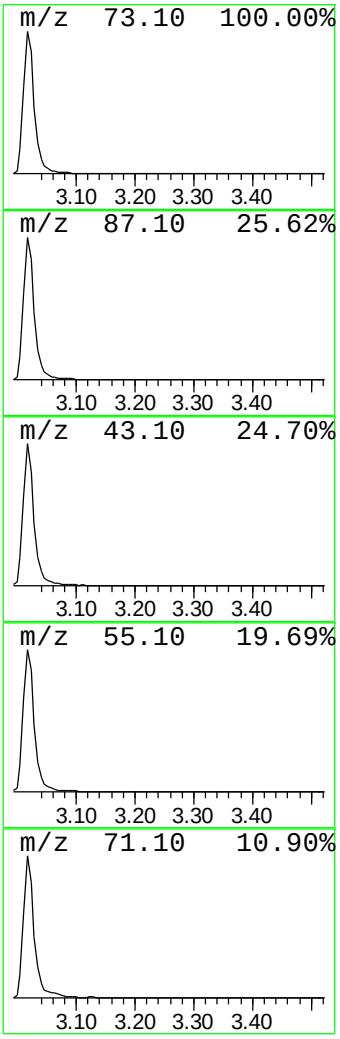
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	23.41 ng/ul	5090660	1,4-Dichlorobenzene-d4	7.70

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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

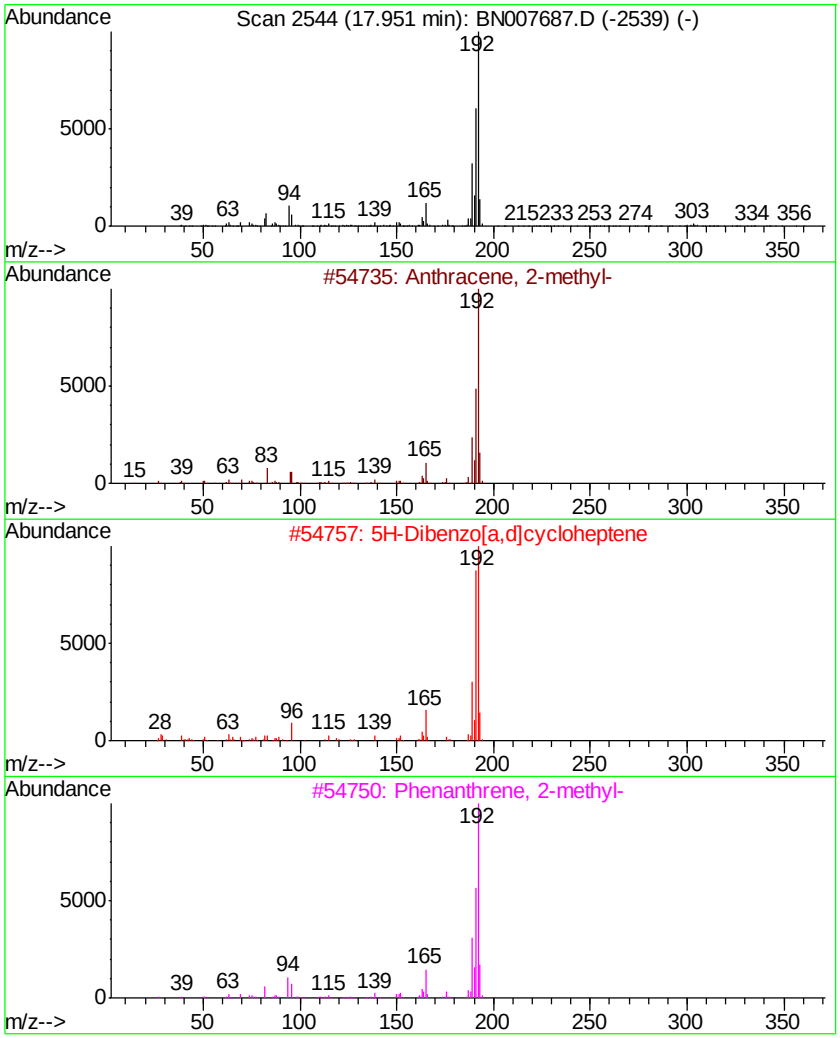
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

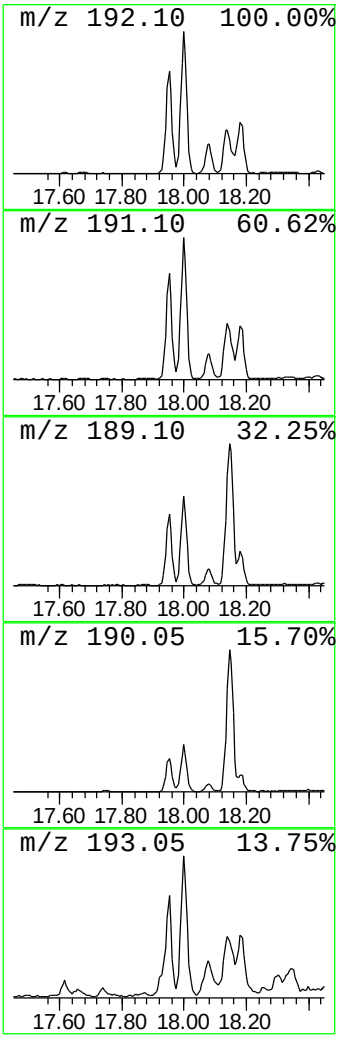
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.32 ng/ul	1195580	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

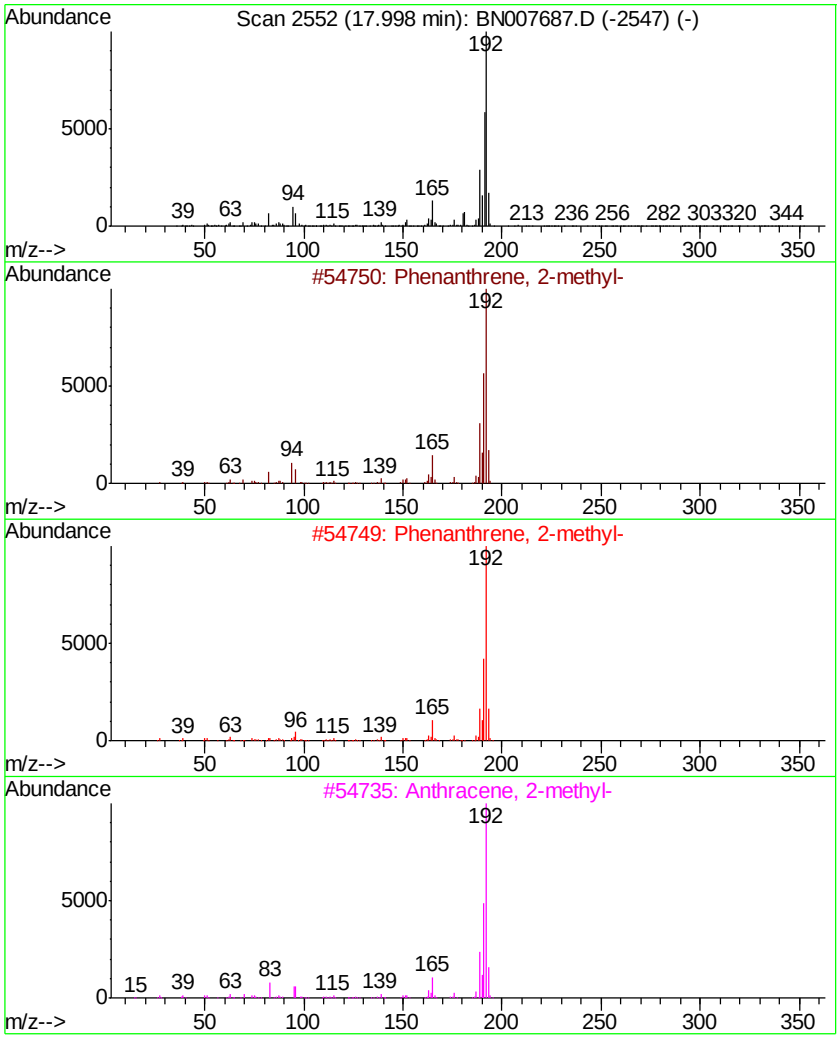
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

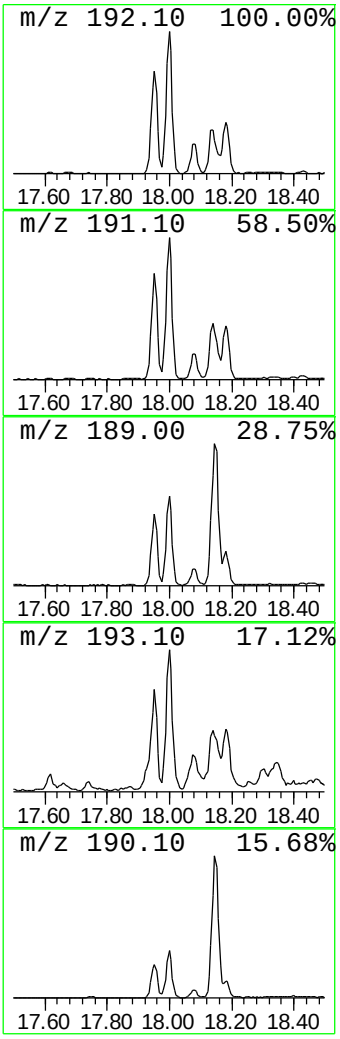
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.91 ng/ul	2011940	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

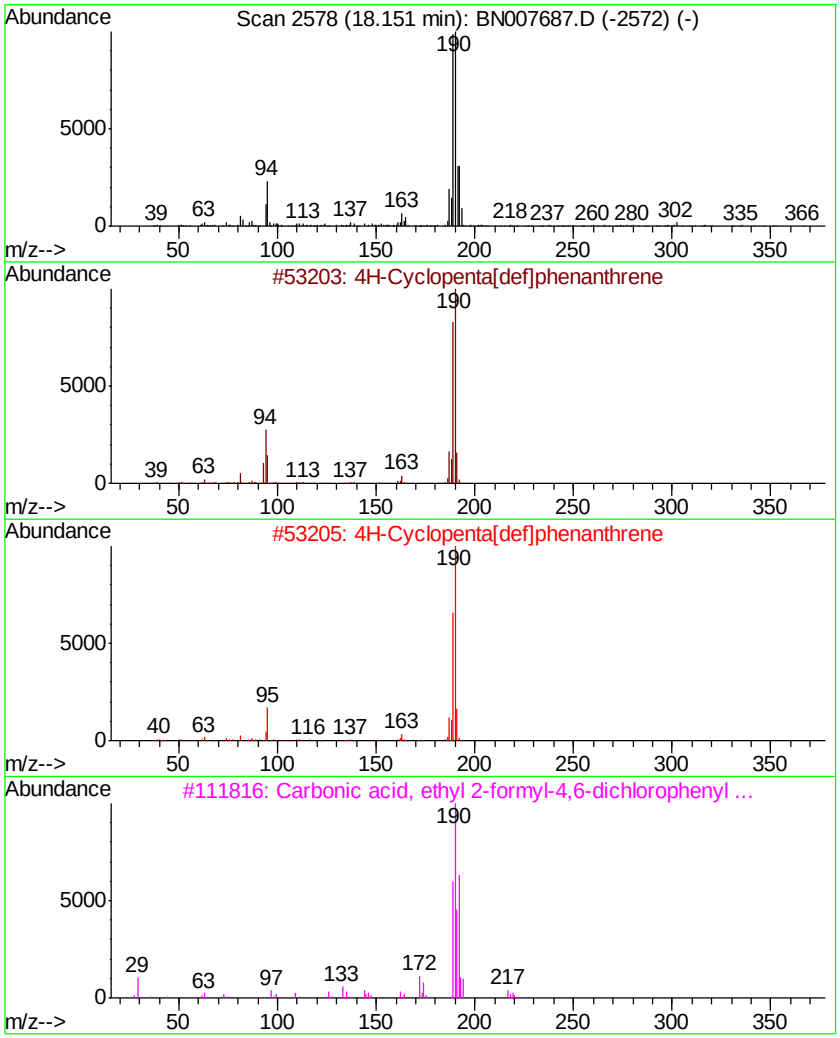
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

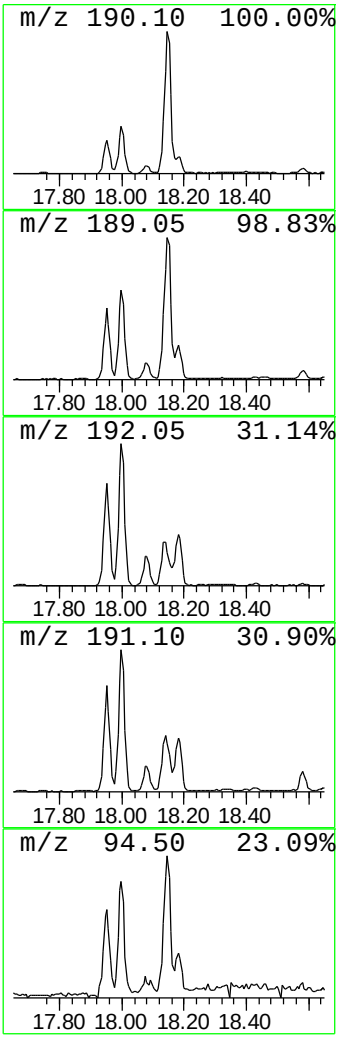
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.71 ng/ul	1398100	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	46
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

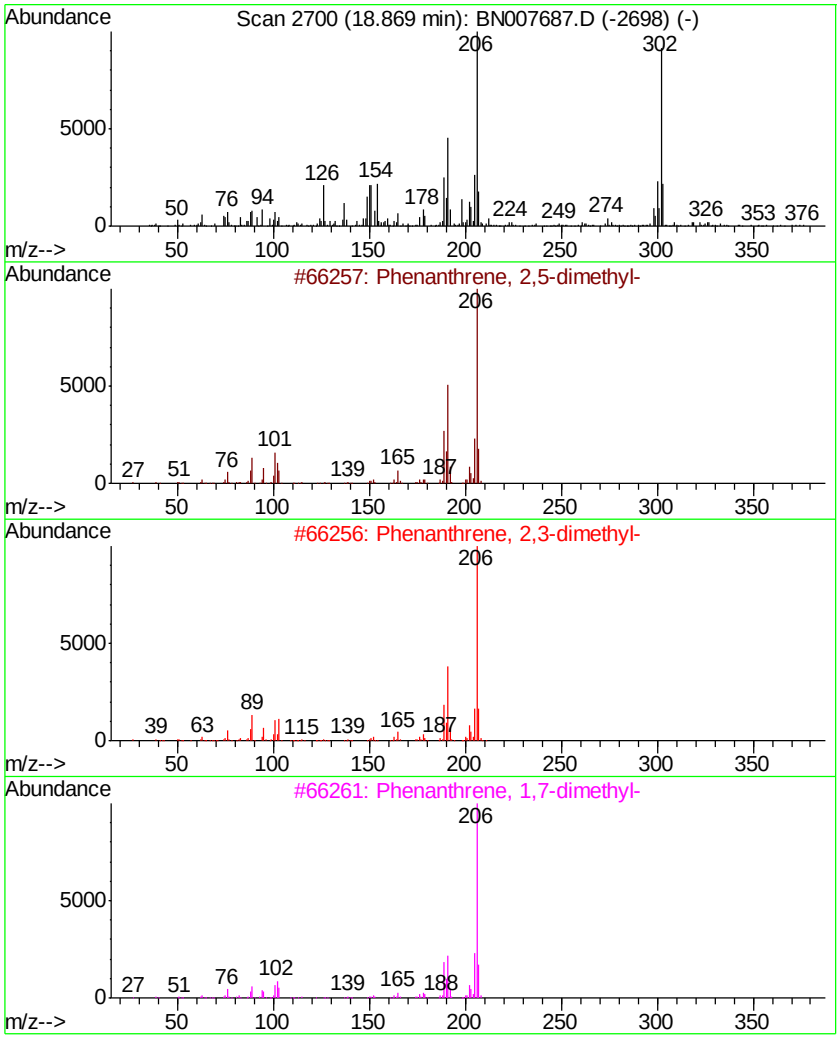
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

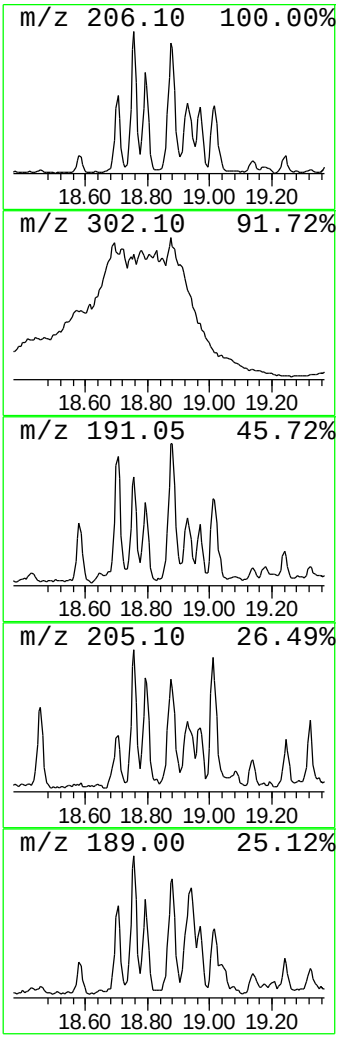
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.28 ng/ul	1172300	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	55





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Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

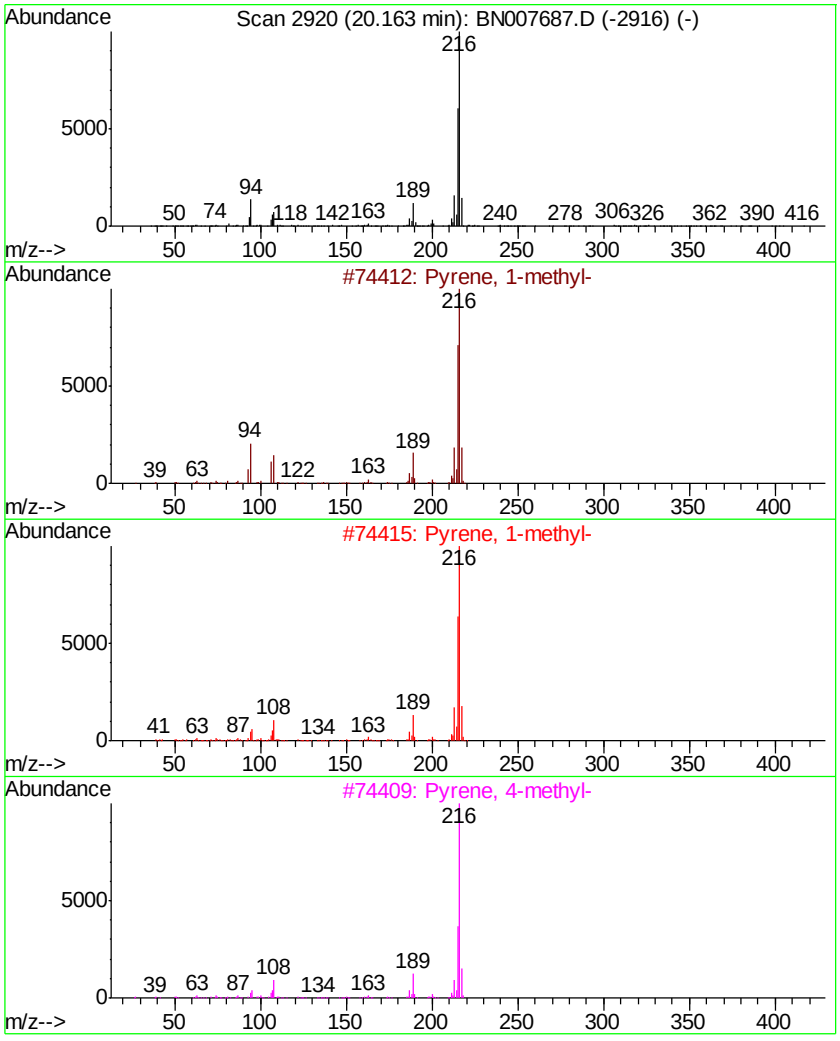
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

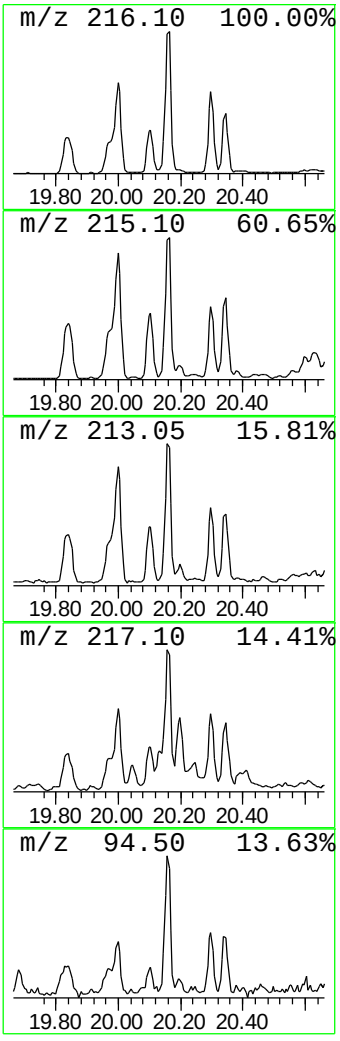
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.11 ng/ul	2686320	Chrysene-d12	21.27

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	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95





Library Search Compound Report

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Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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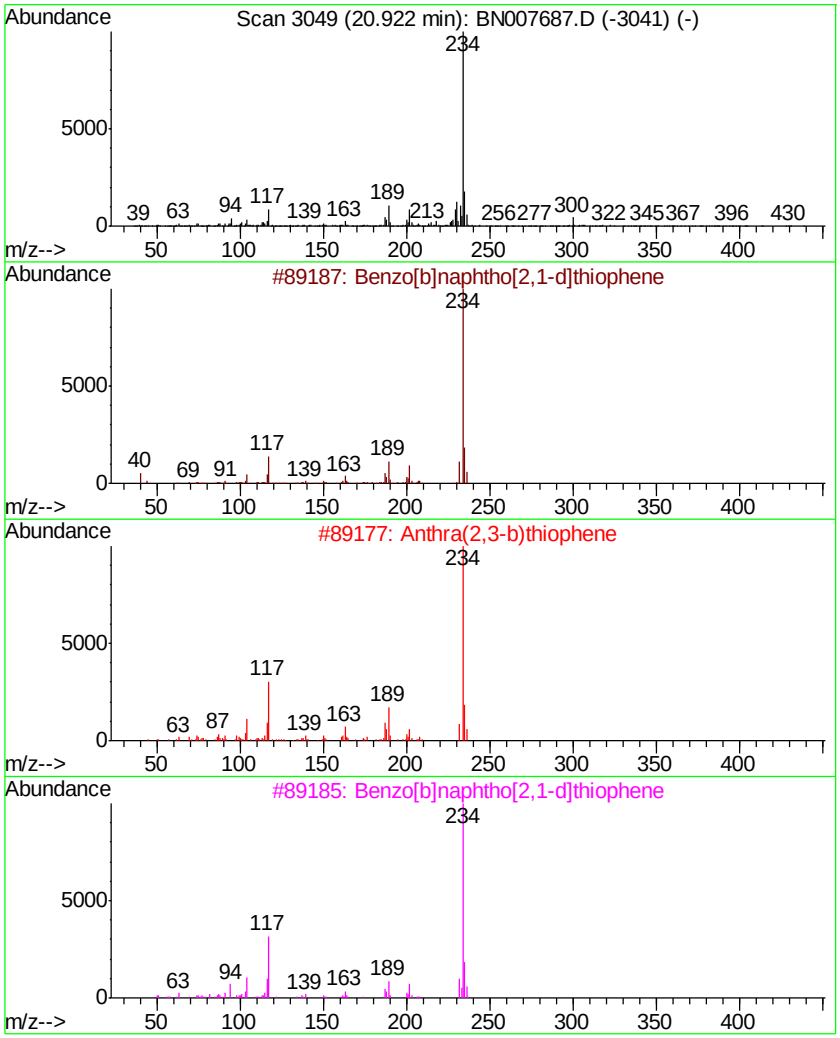
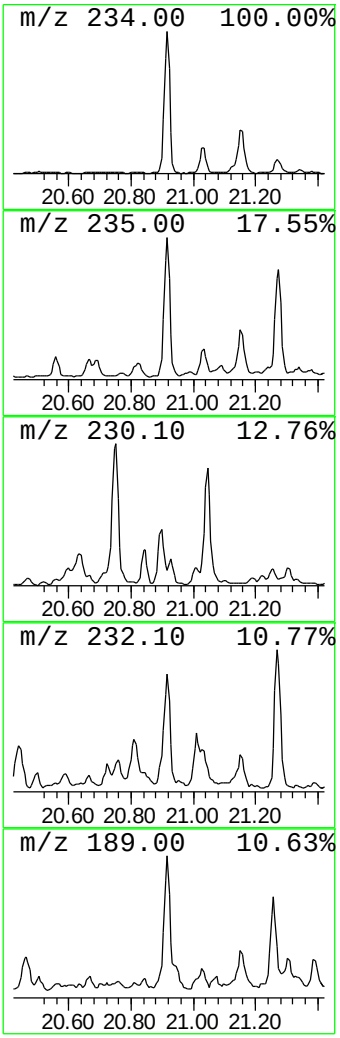
Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	4.34 ng/ul	5523500	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93





Library Search Compound Report

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Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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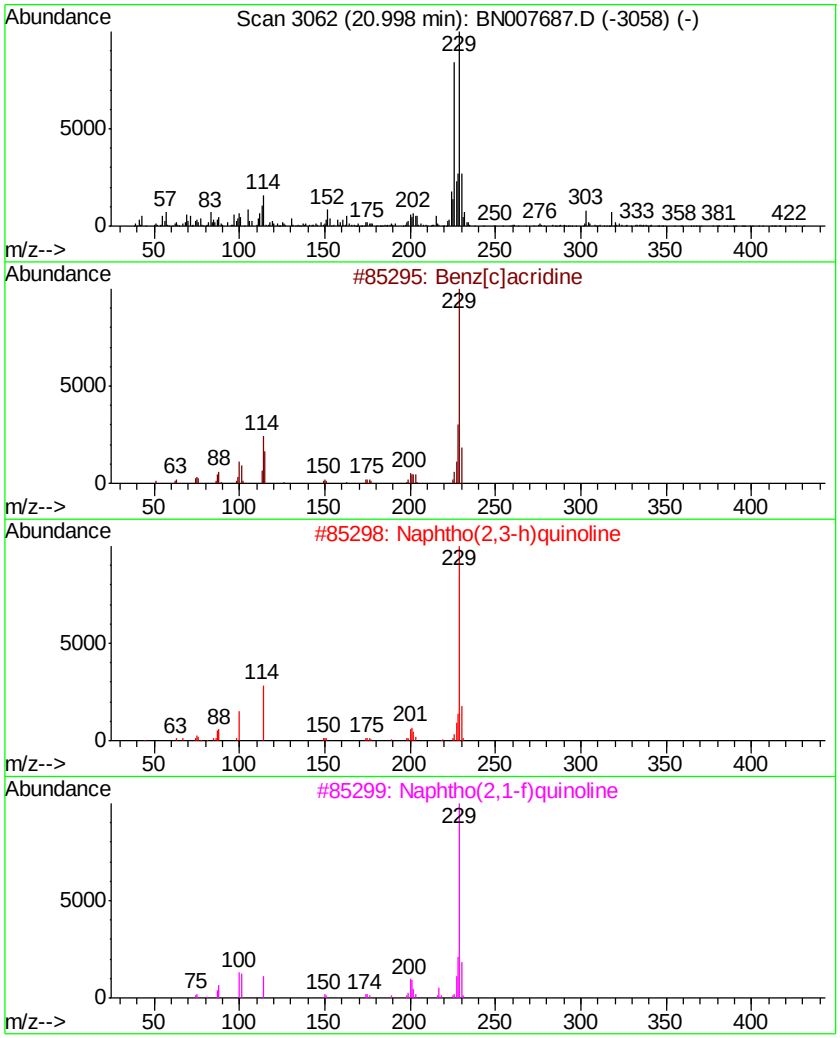
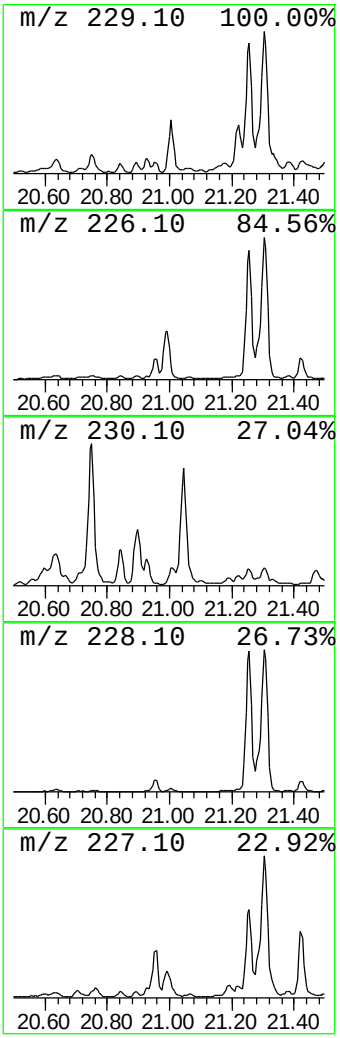
Peak Number 9 Benz[c]acridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.28 ng/ul	2896700	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	89
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	62
3	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	59
4	Benzo(a)acridine	229	C17H11N	000225-11-6	58
5	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	53





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Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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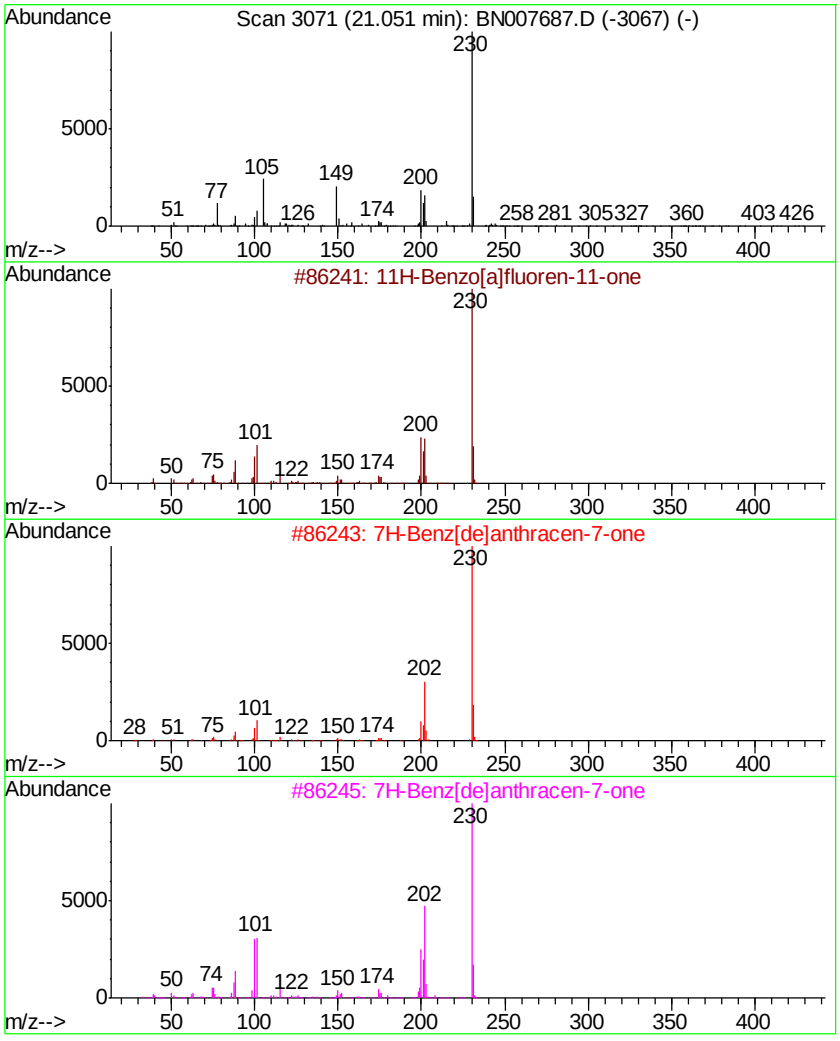
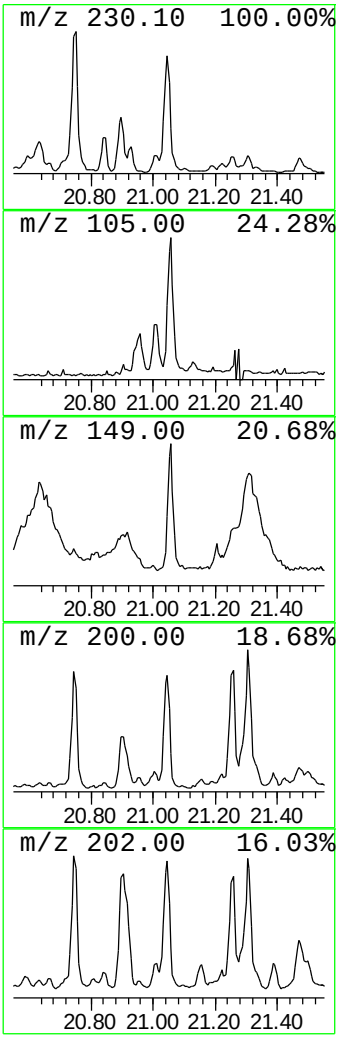
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.25 ng/ul	2868660	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
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	68





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Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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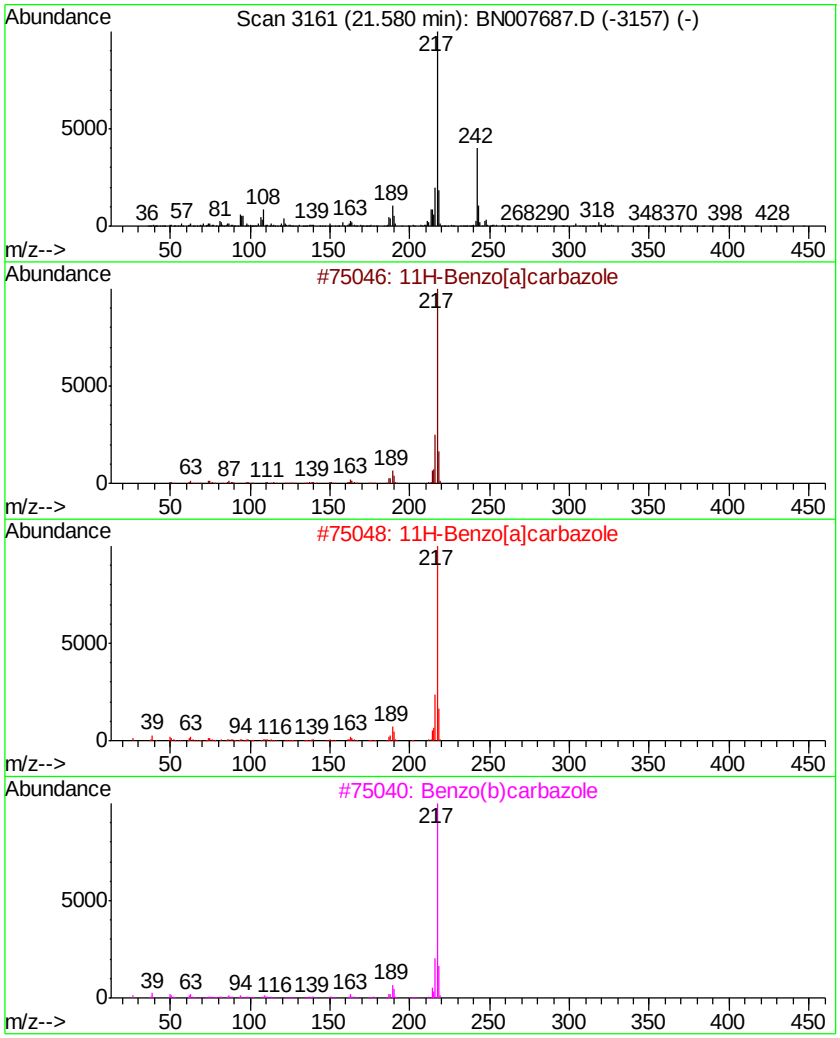
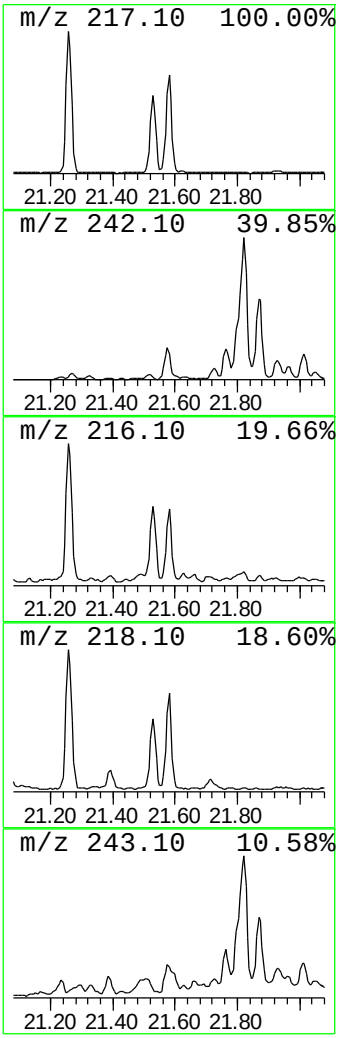
Peak Number 11 11H-Benzo[a]carbazole Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	2.16 ng/ul	2753020	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	95
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	86
3	Benzo(b)carbazole	217	C16H11N	000243-28-7	70
4	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	70
5	1-Aminopyrene	217	C16H11N	001606-67-3	62





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Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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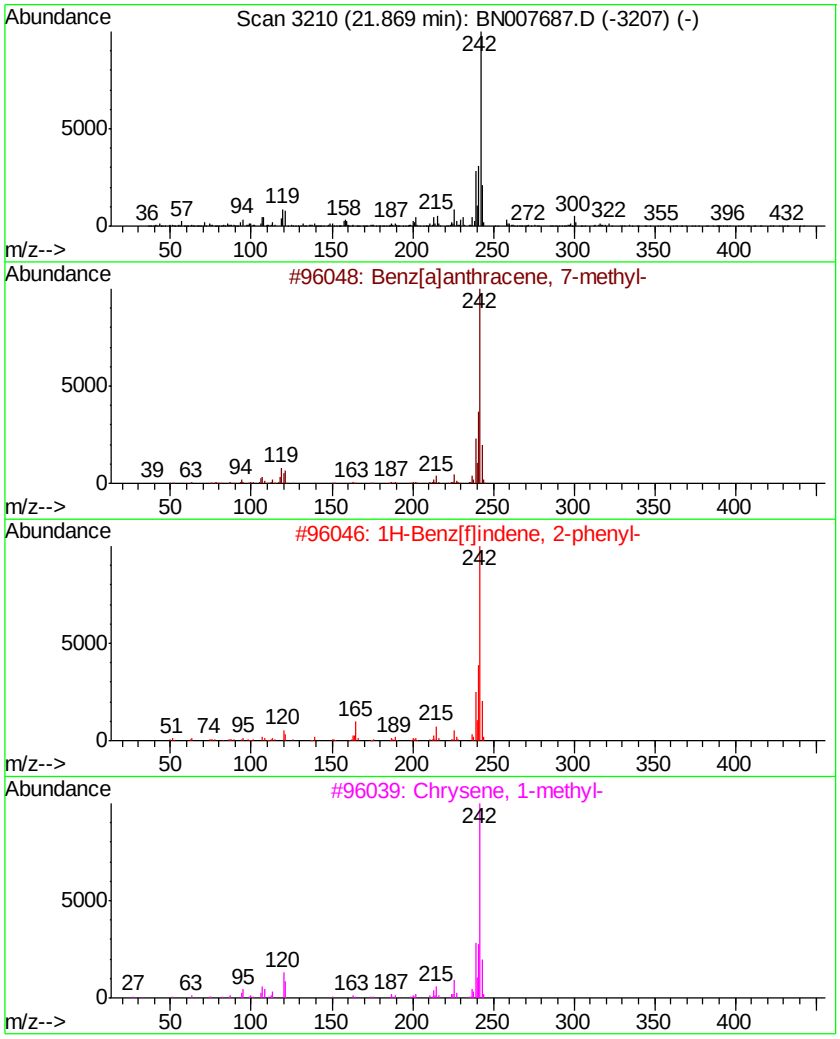
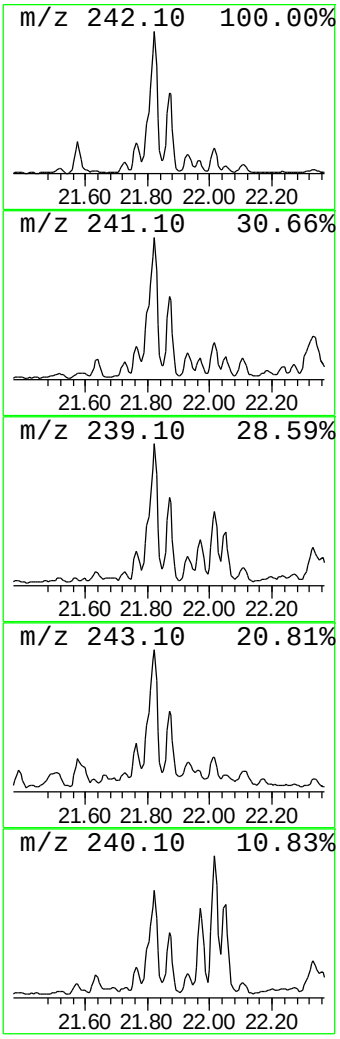
Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.70 ng/ul	3429740	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	94
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	91





Tentatively Identified Compound (LSC) summary

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Data File : BN007687.D
Acq On : 17 Sep 2019 04:50
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	23.4	ng/ul	5090660	1	7.70	4348870	20.0
Anthracene, 2-met...	17.95	2.3	ng/ul	1195580	4	17.07	10300900	20.0
Phenanthrene, 2-m...	18.00	3.9	ng/ul	2011940	4	17.07	10300900	20.0
4H-Cyclopenta[def...	18.15	2.7	ng/ul	1398100	4	17.07	10300900	20.0
Phenanthrene, 2,5...	18.87	2.3	ng/ul	1172300	4	17.07	10300900	20.0
Pyrene, 1-methyl-	20.16	2.1	ng/ul	2686320	5	21.27	25449300	20.0
Benzo[b]naphtho[2...	20.92	4.3	ng/ul	5523500	5	21.27	25449300	20.0
Benz[c]acridine	21.00	2.3	ng/ul	2896700	5	21.27	25449300	20.0
11H-Benzo[a]fluor...	21.05	2.3	ng/ul	2868660	5	21.27	25449300	20.0
11H-Benzo[a]carba...	21.58	2.2	ng/ul	2753020	5	21.27	25449300	20.0
Benz[a]anthracene...	21.87	2.7	ng/ul	3429740	5	21.27	25449300	20.0