LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.628	632	636	648	rBV2	40533	106144	1.66%	0.182%
2	6.775	655	661	671	rBV	38815	77374	1.21%	0.133%
3	6.957	685	692	704	rBV2	57103	110842	1.74%	0.190%
4	7.410	762	769	781	rBV	707839	1178500	18.45%	2.025%
5	8.157	891	896	904	rBV2	38758	88607	1.39%	0.152%
6	8.581	962	968	982	rBV2	38658	87082	1.36%	0.150%
7	9.292	1084	1089	1099	rBV3	28730	60161	0.94%	0.103%
8	9.863	1179	1186	1192	rBV4	27942	73095	1.14%	0.126%
9	10.175	1231	1239	1255	rBV	975435	1738233	27.22%	2.987%
10	10.381	1266	1274	1280	rBV6	13864	37252	0.58%	0.064%
11	13.392	1778	1786	1792	rBV2	46830	85674	1.34%	0.147%
12	13.451	1792	1796	1800	rVV	27556	39791	0.62%	0.068%
13	13.504	1800	1805	1810	rVV	120063	185306	2.90%	0.318%
14	13.551	1810	1813	1821	rVB2	35724	61546	0.96%	0.106%
15	13.763	1840	1849	1851	rBV	148830	225393	3.53%	0.387%
16	13.792	1851	1854	1865	rVB	238752	371636	5.82%	0.639%
17	14.075	1895	1902	1909	rBV	1472595	2202031	34.48%	3.784%
18	14.139	1909	1913	1917	rVB	32575	46570	0.73%	0.080%
19	14.486	1962	1972	1978	rVV2	73559	130199	2.04%	0.224%
20	14.569	1980	1986	1992	rVB2	37532	60474	0.95%	0.104%
21	14.704	2004	2009	2014	rBV3	30289	51722	0.81%	0.089%
22	14.763	2014	2019	2024	rVB	30431	39917	0.63%	0.069%
23	14.880	2032	2039	2041	rBV2	23355	42762	0.67%	0.073%
24	15.080	2068	2073	2078	rBV	224621	320735	5.02%	0.551%
25	15.133	2078	2082	2089	rVB2	134101	207113	3.24%	0.356%
26	15.263	2097	2104	2106	rBV6	19787	34275	0.54%	0.059%
27	15.439	2128	2134	2139	rBV	80826	133710	2.09%	0.230%
28	15.586	2150	2159	2169	rBV	79160	174315	2.73%	0.300%
29	15.827	2193	2200	2208	rBV4	29571	56393	0.88%	0.097%
30	16.151	2246	2255	2259	rBV2	68593	139169	2.18%	0.239%
31	16.198	2259	2263	2268	rVB2	36165	53283	0.83%	0.092%
32	16.292	2274	2279	2286	rVB6	23877	39101	0.61%	0.067%
33	16.374	2286	2293	2297	rBV2	72674	111743	1.75%	0.192%
34	16.416	2297	2300	2303	rVV	62563	83940	1.31%	0.144%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

35	16.498	2311	2314	2322	rVB3	39399	73783	1.16%	0.127%
36	16.568	2322	2326	2332	rBV	70365	127144	1.99%	0.219%
37	16.657	2337	2341	2345	rVB	53769	73733	1.15%	0.127%
38	16.833	2365	2371	2374	rBV	1811174	2476036	38.77%	4.255%
39	16.874	2374	2378	2384	rVV	1793058	2466813	38.62%	4.239%
40	16.933	2384	2388	2391	rVV2	232959	353419	5.53%	0.607%
41	16.968	2391	2394	2400	rVV	448600	623849	9.77%	1.072%
42	17.027	2400	2404	2411	rVB3	39433	72195	1.13%	0.124%
43	17.257	2437	2443	2444	rBV3	32957	48548	0.76%	0.083%
44	17.286	2444	2448	2457	rVB3	42346	91119	1.43%	0.157%
45	17.357	2457	2460	2464	rVB	45688	52794	0.83%	0.091%
46	17.557	2486	2494	2498	rVV6	26865	56877	0.89%	0.098%
47	17.710	2515	2520	2524	rVV2	309740	427588	6.70%	0.735%
48	17.762	2524	2529	2536	rVB	411476	612864	9.60%	1.053%
49	17.839	2537	2542	2547	rBV	152615	232292	3.64%	0.399%
50	17.904	2547	2553	2557	rVV2	436462	738620	11.57%	1.269%
51	17.939	2557	2559	2570	rVB	208936	303152	4.75%	0.521%
52	18.039	2570	2576	2580	rBV7	22385	51506	0.81%	0.089%
53	18.115	2585	2589	2592	rBV5	25286	35634	0.56%	0.061%
54	18.221	2603	2607	2612	rVV	190005	262115	4.10%	0.450%
55	18.274	2612	2616	2620	rVB4	39079	56743	0.89%	0.098%
56	18.468	2645	2649	2654	rVV	65902	106876	1.67%	0.184%
57	18.521	2654	2658	2661	rVV	104363	130240	2.04%	0.224%
58	18.562	2661	2665	2670	rVB	85413	111701	1.75%	0.192%
59	18.645	2673	2679	2683	rBV	190005	310372	4.86%	0.533%
60	18.704	2683	2689	2692	rVV4	127853	267700	4.19%	0.460%
61	18.739	2692	2695	2698	rVB	95060	119527	1.87%	0.205%
62	18.786	2698	2703	2711	rBV3	132253	275968	4.32%	0.474%
63	18.909	2717	2724	2732	rBV	3705788	5080701	79.55%	8.731%
64	18.980	2732	2736	2739	rVV	78340	91712	1.44%	0.158%
65	19.009	2739	2741	2746	rVB3	64406	85259	1.33%	0.147%
66	19.062	2746	2750	2755	rBV	204869	256363	4.01%	0.441%
67	19.115	2755	2759	2761	rBV3	20049	35605	0.56%	0.061%
68	19.151	2761	2765	2769	rVV2	71014	100661	1.58%	0.173%
69	19.245	2776	2781	2782	rBV	834198	969521	15.18%	1.666%
70	19.274	2782	2786	2795	rVV	2858833	4049187	63.40%	6.959%
71	19.351	2795	2799	2806	rVB3	177145	296943	4.65%	0.510%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

72	19.462	2813	2818	2824	rBV	206784	310237	4.86%	0.533%
73	19.521	2825	2828	2834	rVB3	65478	110421	1.73%	0.190%
74	19.604	2836	2842	2850	rBV3	269095	709410	11.11%	1.219%
75	19.745	2861	2866	2868	rBV2	224162	368323	5.77%	0.633%
76	19.780	2868	2872	2877	rVB	461868	672825	10.53%	1.156%
77	19.880	2885	2889	2893	rBV2	262346	316959	4.96%	0.545%
78	19.939	2893	2899	2904	rVV2	388459	640832	10.03%	1.101%
79	20.021	2910	2913	2918	rBV	75833	112065	1.75%	0.193%
80	20.080	2919	2923	2926	rVV	162106	209626	3.28%	0.360%
81	20.127	2926	2931	2936	rBV3	161568	264006	4.13%	0.454%
82	20.286	2955	2958	2963	rVB4	52981	57813	0.91%	0.099%
83	20.333	2963	2966	2970	rBV5	69538	129532	2.03%	0.223%
84	20.539	2997	3001	3007	rBV	402206	504096	7.89%	0.866%
85	20.698	3024	3028	3031	rBV2	347688	439343	6.88%	0.755%
86	20.733	3031	3034	3038	rVB	248558	259339	4.06%	0.446%
87	20.774	3038	3041	3042	rBV	173655	183992	2.88%	0.316%
88	20.839	3049	3052	3057	rVB	334571	403115	6.31%	0.693%
89	21.051	3081	3088	3092	rBV2	3183784	6386622	100.00%	10.976%
90	21.086	3092	3094	3105	rVB	1668802	2111071	33.05%	3.628%
91	21.268	3122	3125	3132	rBV4	156113	258205	4.04%	0.444%
92	21.592	3177	3180	3184	rVB	439232	528759	8.28%	0.909%
93	21.645	3186	3189	3194	rVB2	267415	352807	5.52%	0.606%
94	21.780	3209	3212	3214	rBV	157120	172120	2.70%	0.296%
95	22.556	3338	3344	3355	rBV	1648788	4398846	68.88%	7.560%
96	22.709	3367	3370	3376	rVB	312964	442891	6.93%	0.761%
97	22.992	3414	3418	3423	rBV	710945	1141713	17.88%	1.962%
98	23.086	3429	3434	3441	rVB	1346047	2235977	35.01%	3.843%
99	23.174	3443	3449	3454	rBV	1760450	3140651	49.18%	5.397%
100	25.262	3800	3804	3816	rVB	571118	1348620	21.12%	2.318%

Sum of corrected areas: 58189464

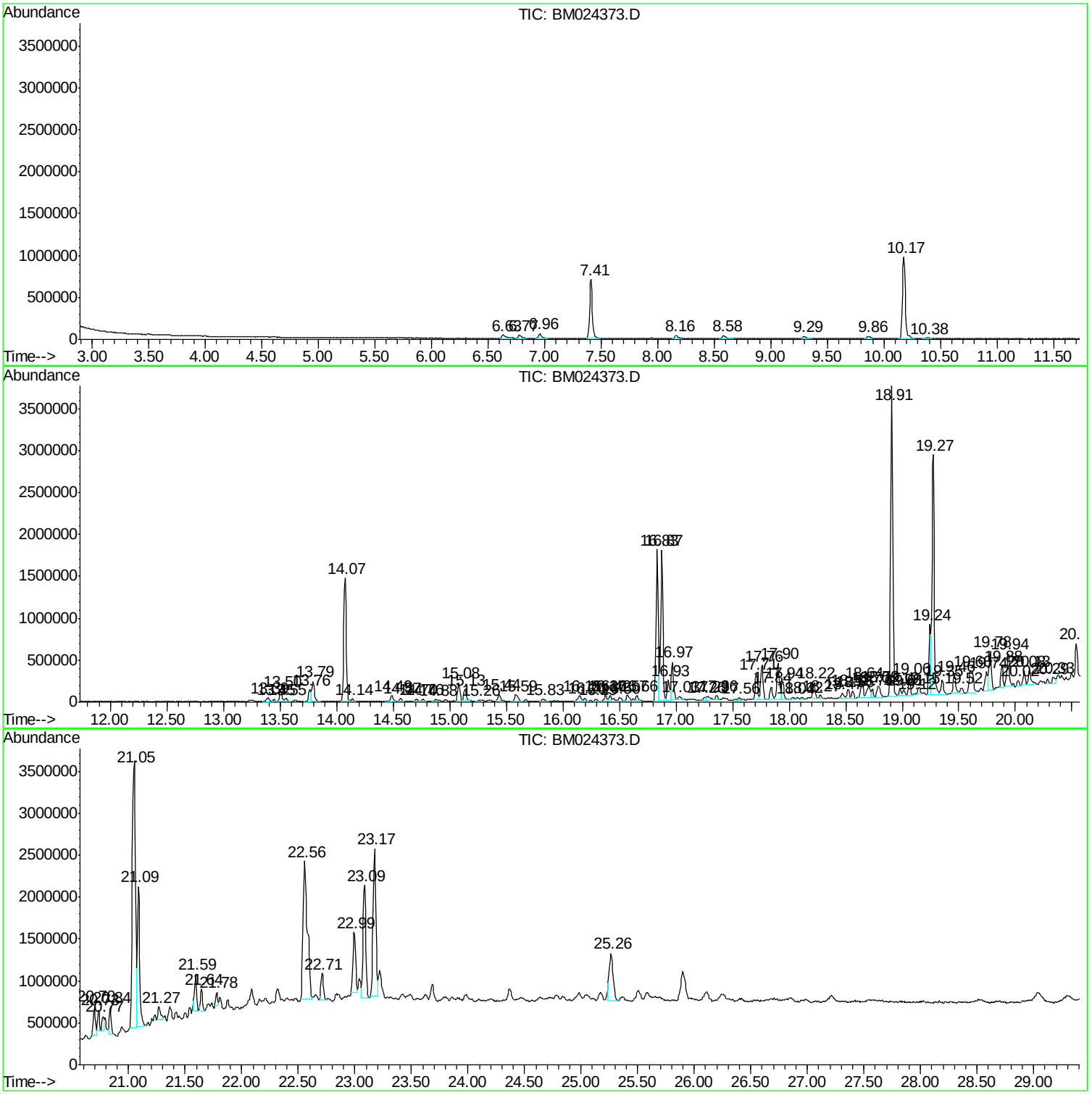
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

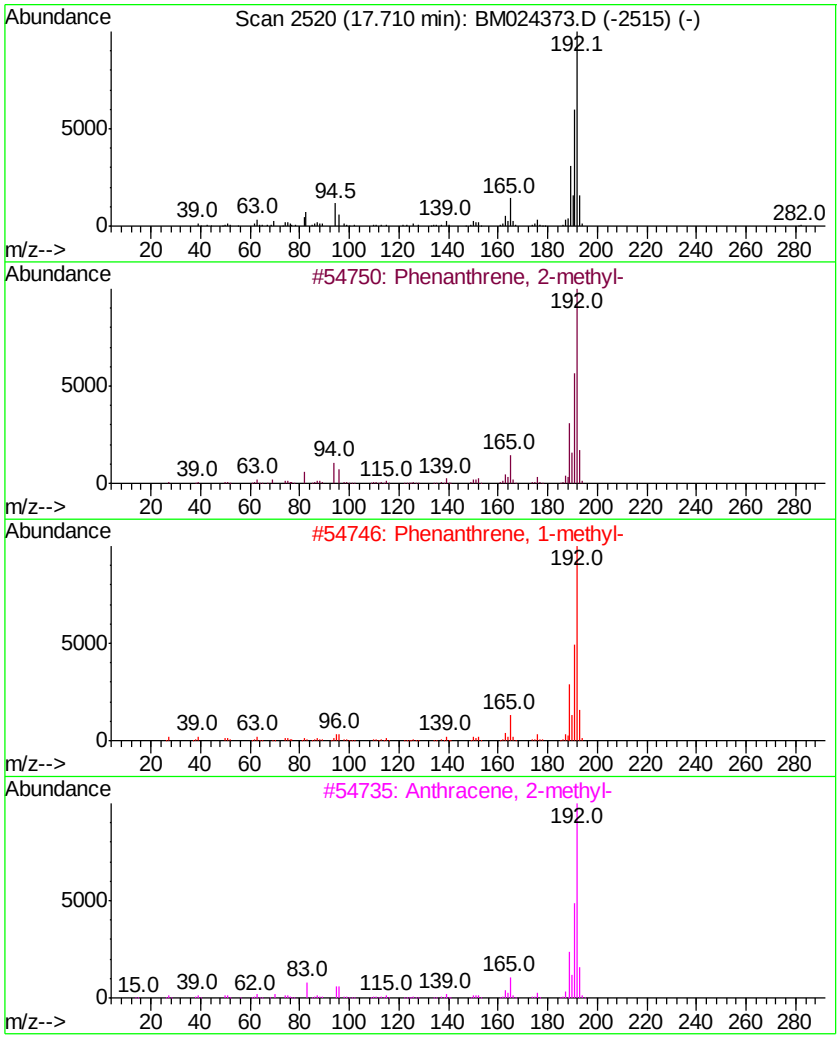
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

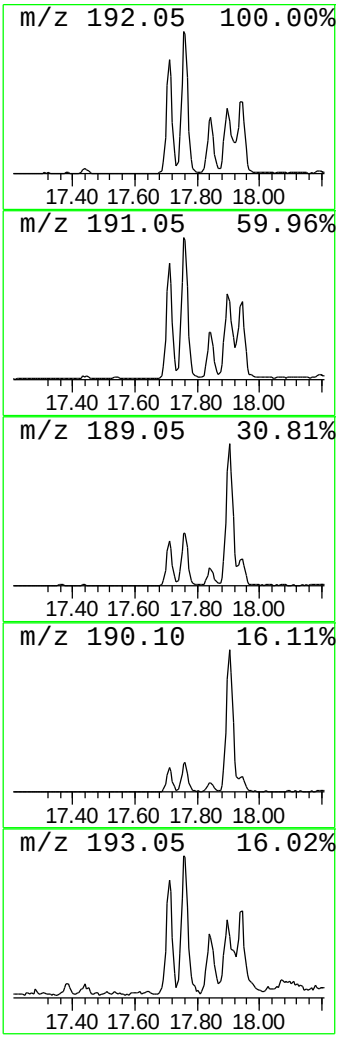
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	3.45 ng/ul	427588	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

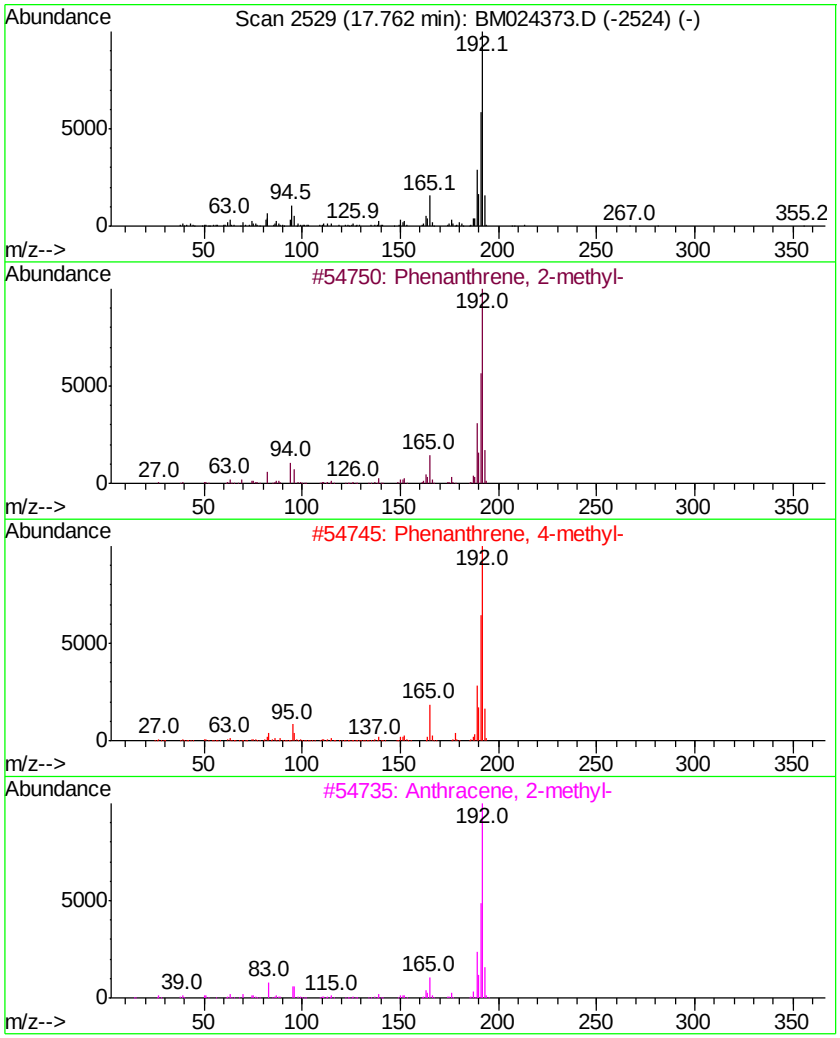
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

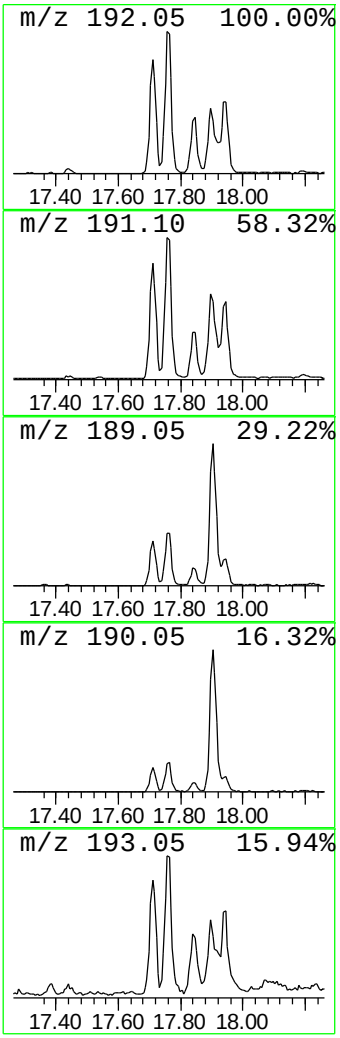
****

Peak Number 2 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	4.95 ng/ul	612864	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

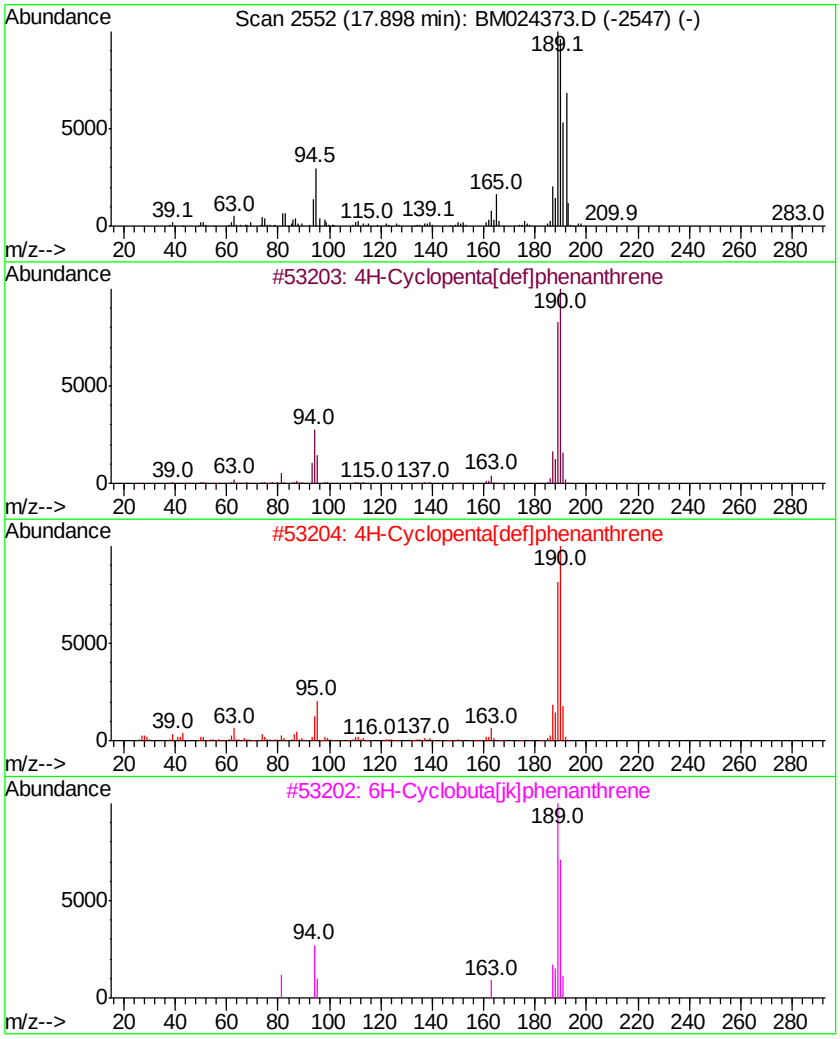
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

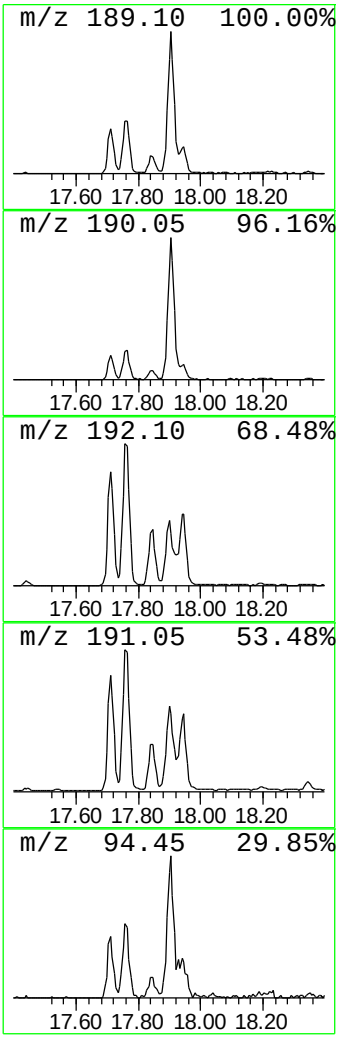
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	5.97 ng/ul	738620	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

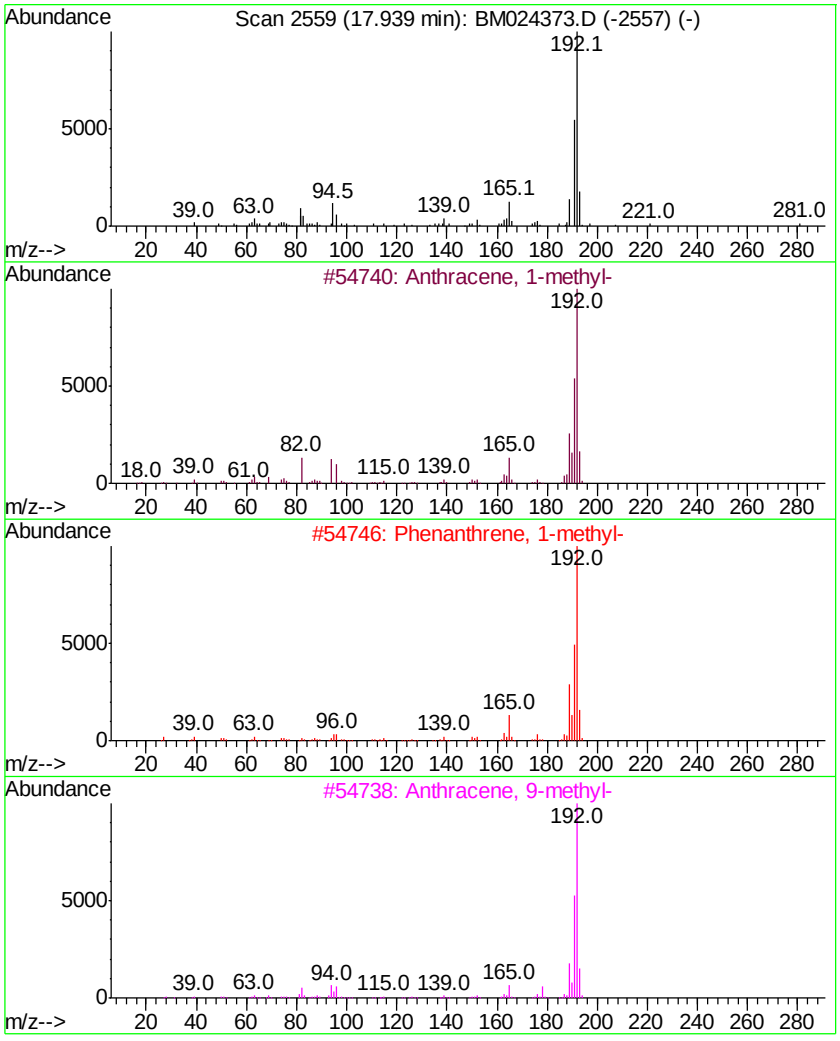
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

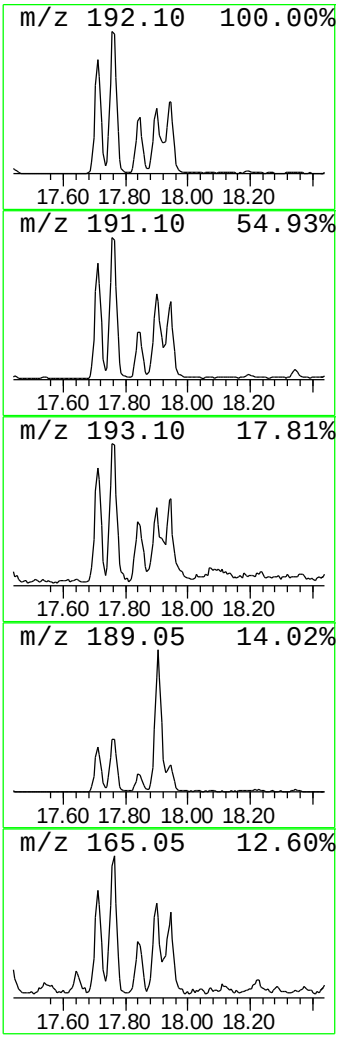
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.45 ng/ul	303152	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

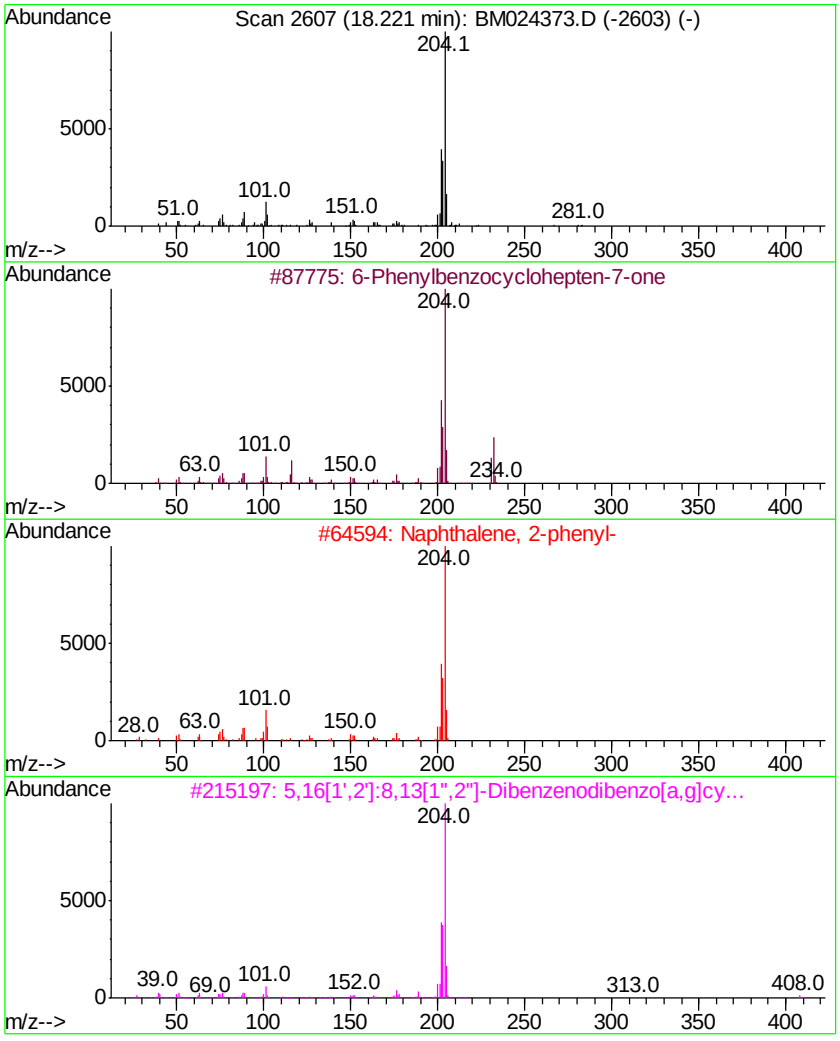
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

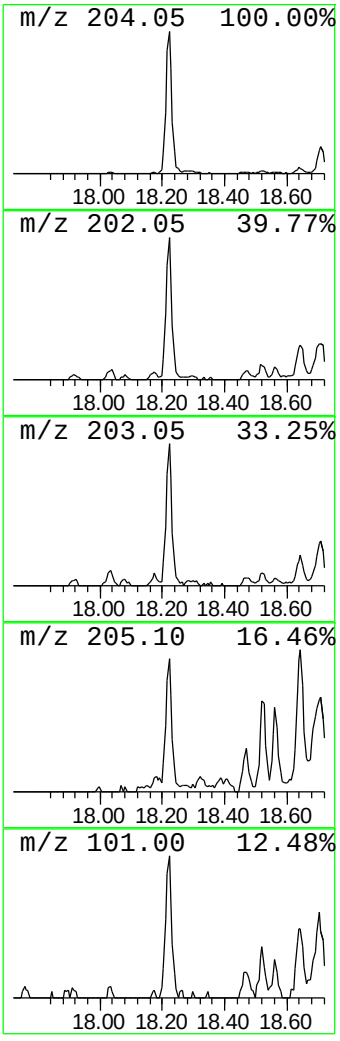
****

Peak Number 5 6-Phenylbenzocyclohepten-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.12 ng/ul	262115	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

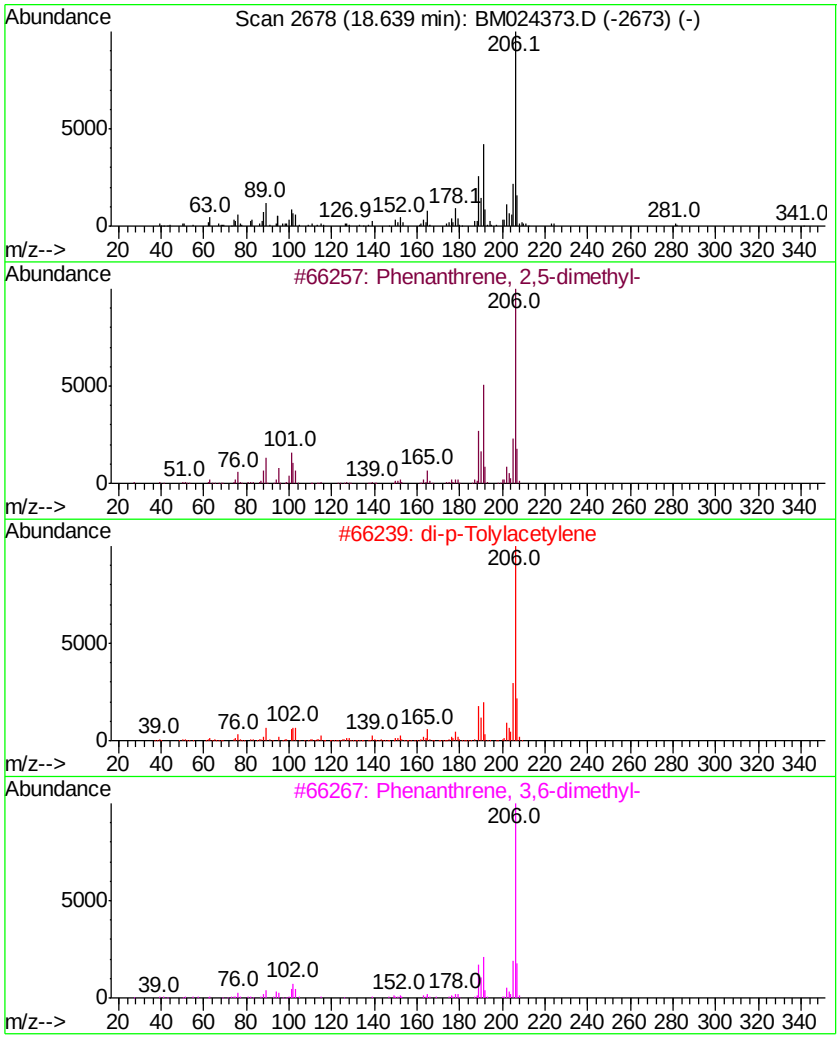
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

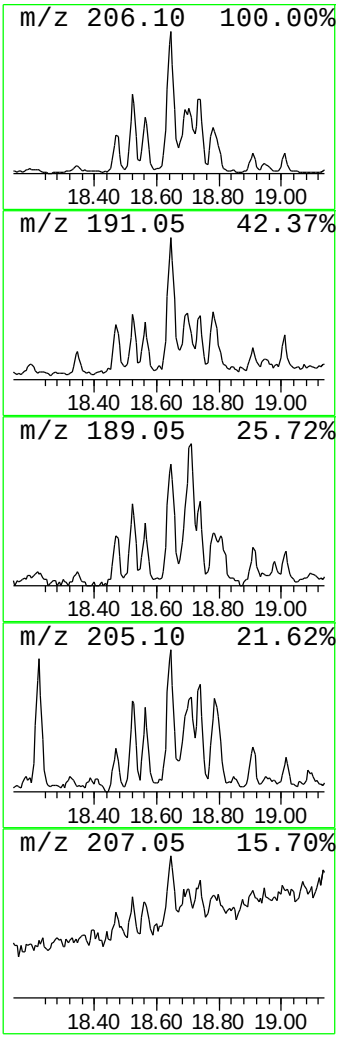
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.51 ng/ul	310372	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

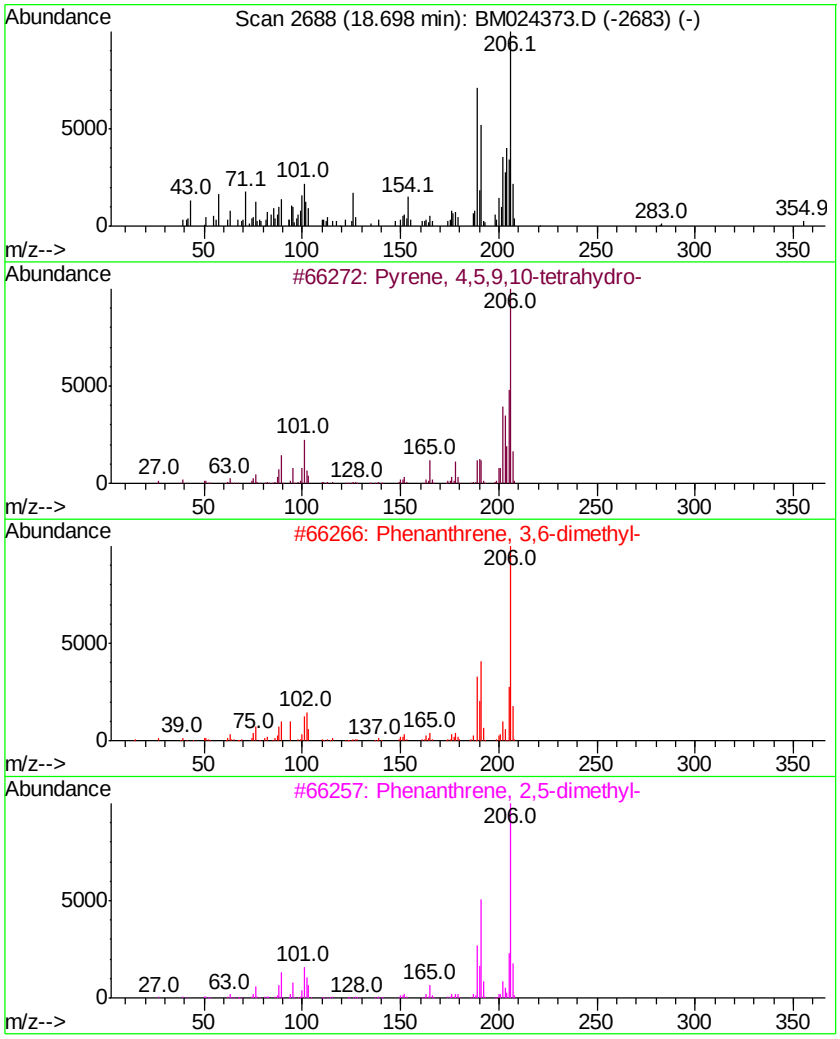
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

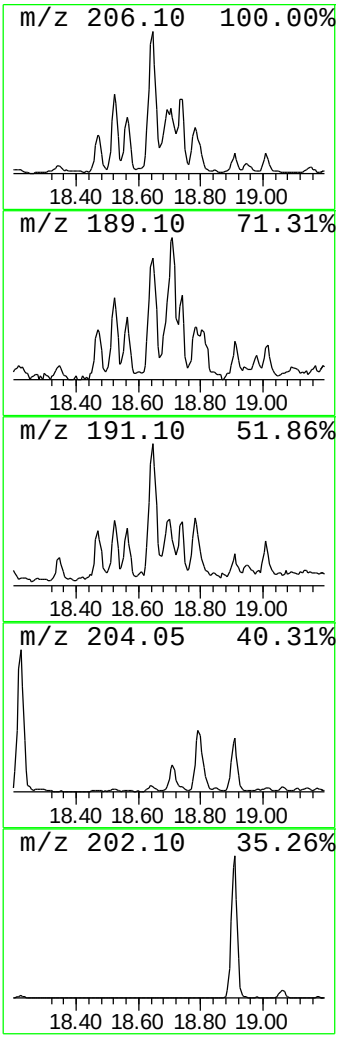
****

Peak Number 7 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.16 ng/ul	267700	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	56
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	41
4	3-Methoxy-2,4,5-trifluorobenzoic...	262	C12H13F3O3	1000338-75-9	38
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

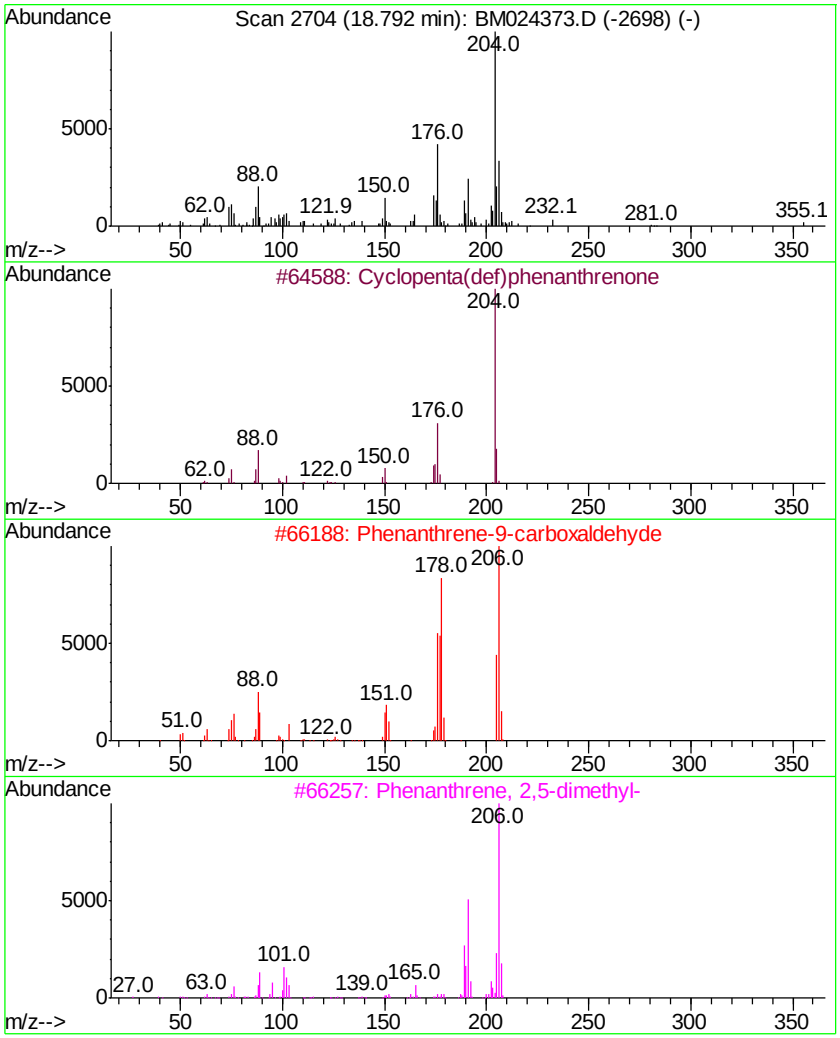
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

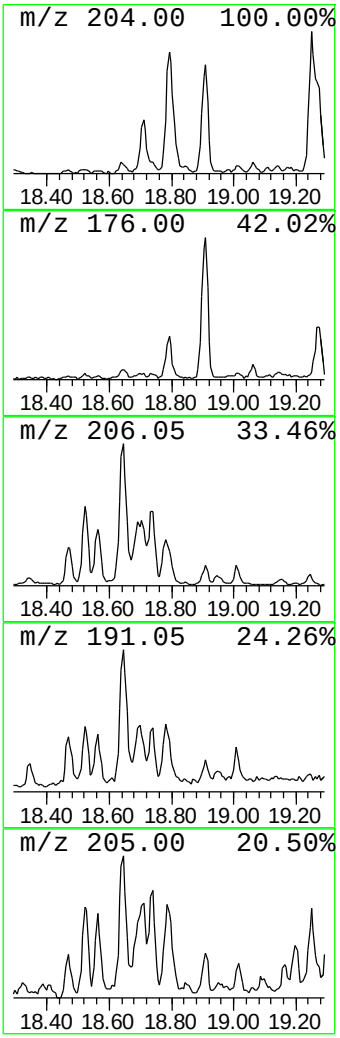
****

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.23 ng/ul	275968	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	Phenanthrene-9-carboxaldehyde	206	C15H10O	004707-71-5	46
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

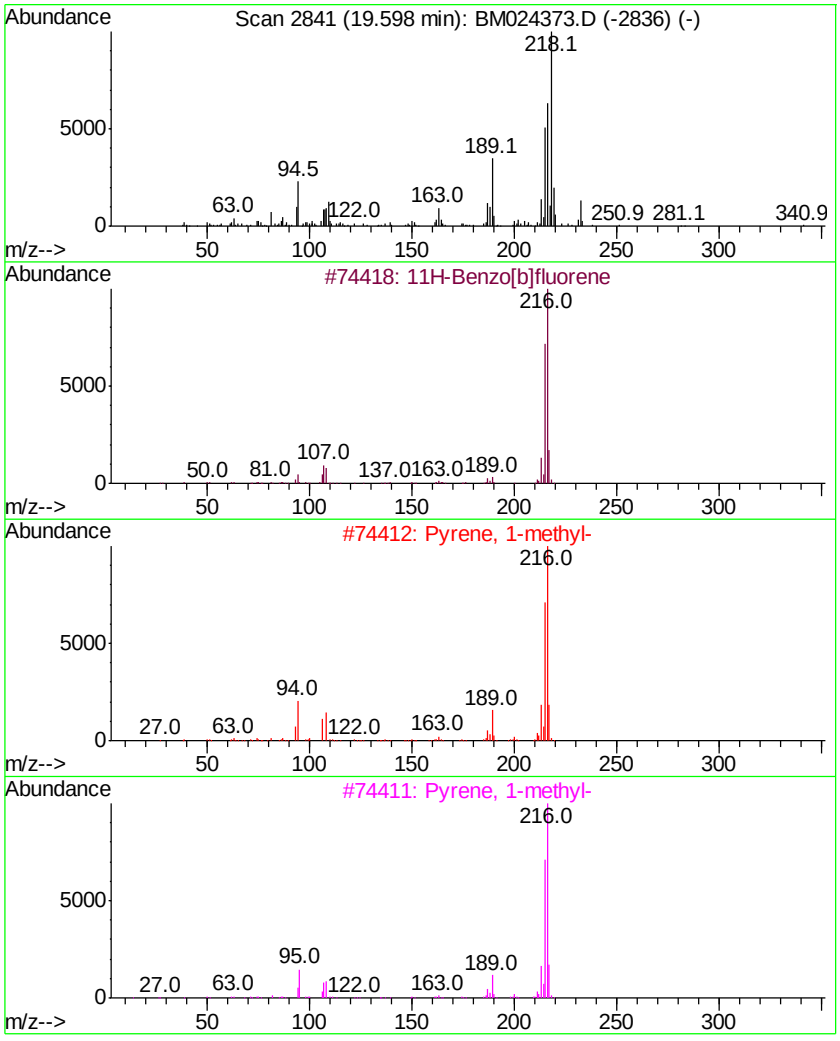
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

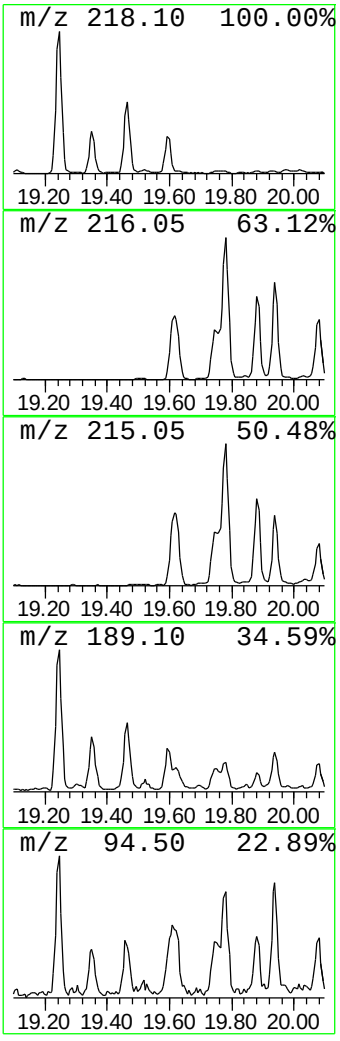
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.22 ng/ul	709410	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

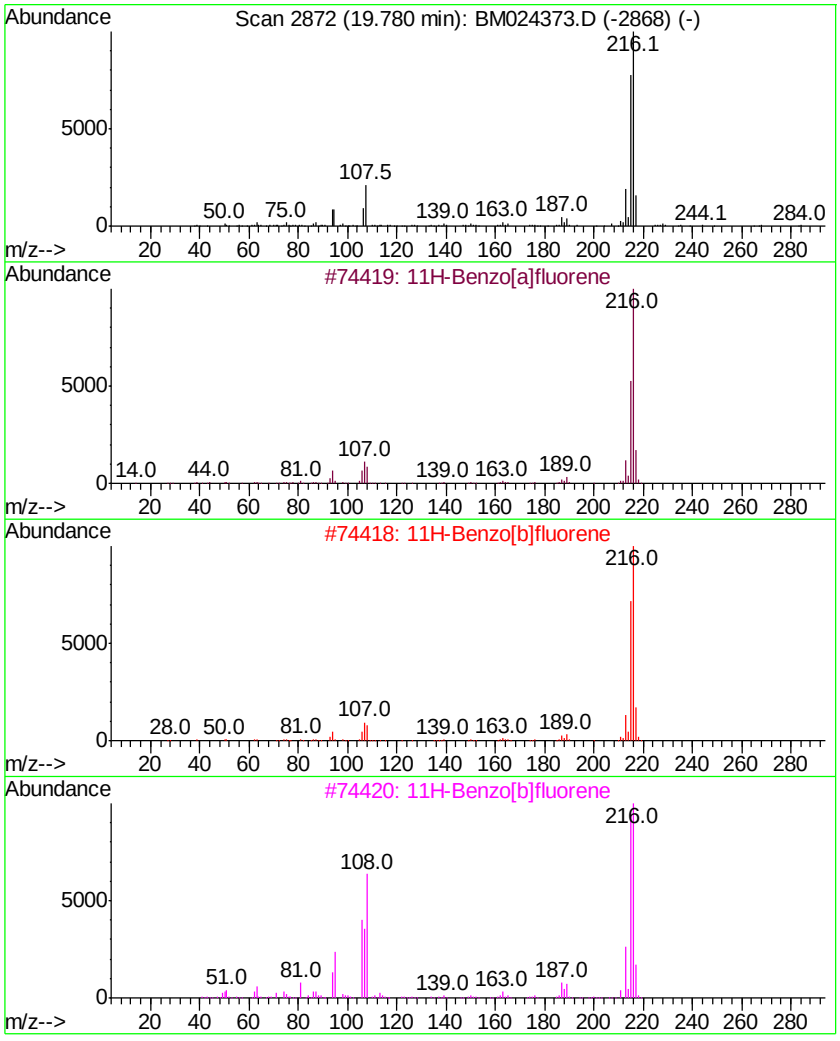
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

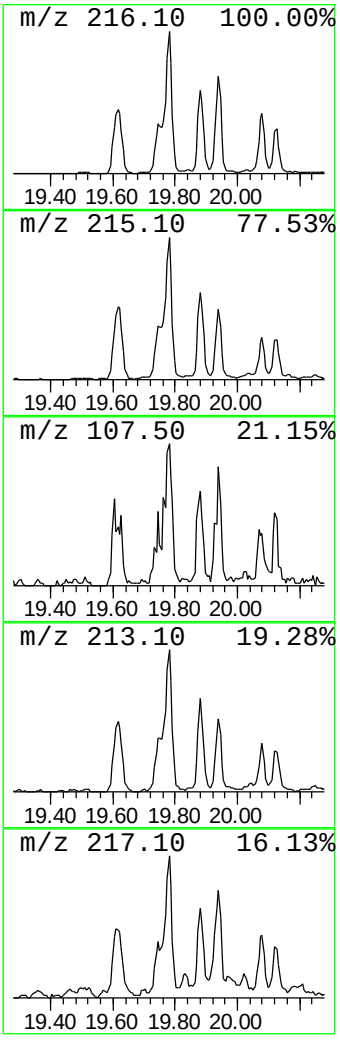
****

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	2.11 ng/ul	672825	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

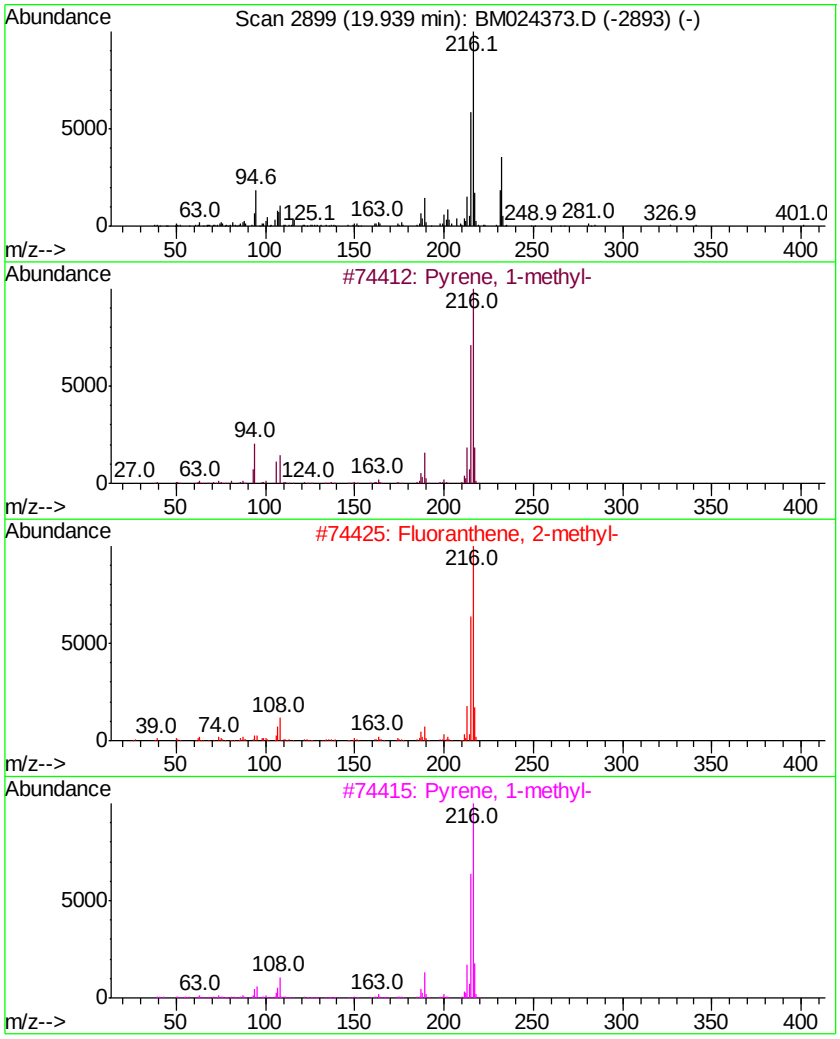
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

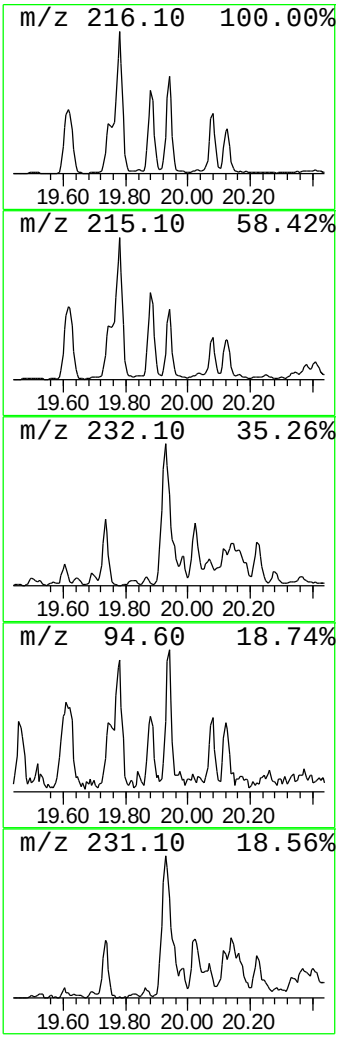
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.01 ng/ul	640832	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

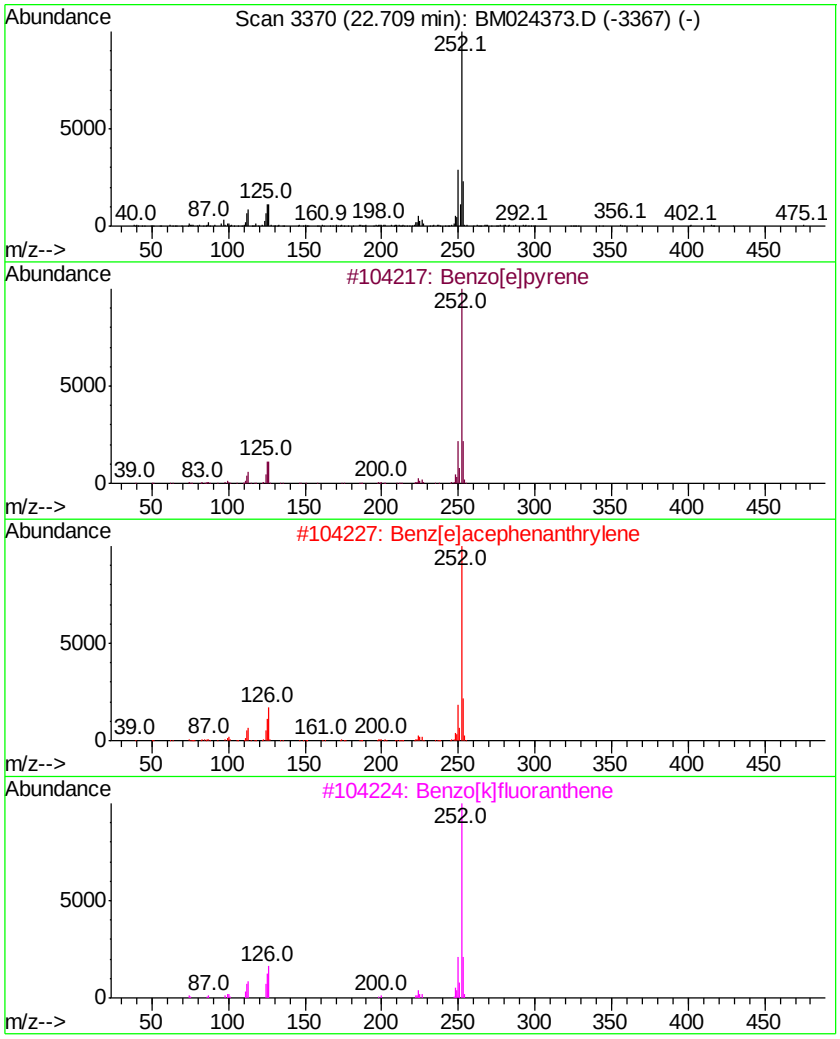
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

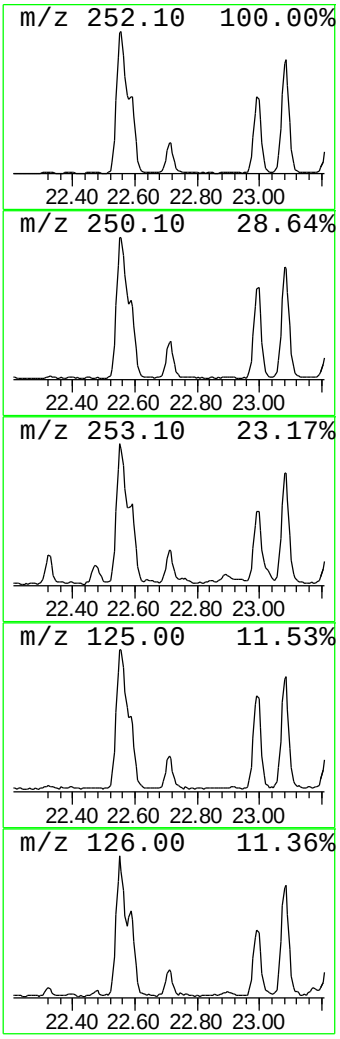
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	2.82 ng/ul	442891	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123019\
Data File : BM024373.D
Acq On : 30 Dec 2019 15:10
Operator : JU
Sample : K6322-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C30DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
Phenanthrene, 2-m...	17.71	3.5	ng/ul	427588	4	16.83	2476040	20.0
Phenanthrene, 4-m...	17.76	5.0	ng/ul	612864	4	16.83	2476040	20.0
4H-Cyclopenta[def...	17.90	6.0	ng/ul	738620	4	16.83	2476040	20.0
Anthracene, 1-met...	17.94	2.5	ng/ul	303152	4	16.83	2476040	20.0
6-Phenylbenzocycl...	18.22	2.1	ng/ul	262115	4	16.83	2476040	20.0
Phenanthrene, 2,5...	18.64	2.5	ng/ul	310372	4	16.83	2476040	20.0
Pyrene, 4,5,9,10-...	18.70	2.2	ng/ul	267700	4	16.83	2476040	20.0
Cyclopenta(def)ph...	18.79	2.2	ng/ul	275968	4	16.83	2476040	20.0
11H-Benzo[b]fluorene	19.60	2.2	ng/ul	709410	5	21.05	6386620	20.0
11H-Benzo[a]fluorene	19.78	2.1	ng/ul	672825	5	21.05	6386620	20.0
Pyrene, 1-methyl-	19.94	2.0	ng/ul	640832	5	21.05	6386620	20.0
Benzo[e]pyrene	22.71	2.8	ng/ul	442891	6	23.17	3140650	20.0