LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.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	6.969	723	728	735	rBV	86030	136287	2.15%	0.201%
2	7.340	786	791	799	rVB	89227	140068	2.21%	0.207%
3	7.804	864	870	879	rBB	201900	325167	5.13%	0.479%
4	8.504	984	989	998	rBV	112009	177248	2.79%	0.261%
5	8.963	1061	1067	1076	rBB	82214	138303	2.18%	0.204%
6	10.216	1274	1280	1291	rBB	114306	182220	2.87%	0.269%
7	10.598	1334	1345	1348	rBV	277772	495907	7.82%	0.731%
8	10.657	1348	1355	1362	rVV	2197340	4203350	66.28%	6.198%
9	10.734	1362	1368	1370	rVV	94210	160680	2.53%	0.237%
10	10.769	1370	1374	1382	rVB	138692	241300	3.80%	0.356%
11	12.257	1618	1627	1634	rBV	1063548	1806456	28.49%	2.664%
12	12.375	1641	1647	1653	rBV	97514	153766	2.42%	0.227%
13	12.480	1653	1665	1673	rVB	731082	1195152	18.85%	1.762%
14	13.275	1793	1800	1806	rBV	337127	518736	8.18%	0.765%
15	13.469	1827	1833	1844	rVB	121112	210223	3.31%	0.310%
16	13.604	1847	1856	1857	rBV	223800	344247	5.43%	0.508%
17	13.763	1873	1883	1888	rBV	342348	649952	10.25%	0.958%
18	13.816	1888	1892	1895	rVV	258887	383726	6.05%	0.566%
19	13.851	1895	1898	1902	rVV	222485	292201	4.61%	0.431%
20	13.998	1919	1923	1927	rBV	153318	219569	3.46%	0.324%
21	14.139	1940	1947	1949	rBV	244734	420936	6.64%	0.621%
22	14.163	1949	1951	1962	rVB	319737	413693	6.52%	0.610%
23	14.416	1989	1994	1995	rBV	166105	190472	3.00%	0.281%
24	14.445	1995	1999	2004	rVV2	396763	635442	10.02%	0.937%
25	14.510	2004	2010	2017	rVV	1272493	2025235	31.94%	2.986%
26	14.574	2017	2021	2027	rVB	104165	146547	2.31%	0.216%
27	14.645	2027	2033	2043	rBV2	96131	195927	3.09%	0.289%
28	14.845	2060	2067	2074	rVV	1206090	1854499	29.24%	2.735%
29	14.916	2074	2079	2093	rVB	97966	156914	2.47%	0.231%
30	15.057	2094	2103	2108	rBV4	77714	145311	2.29%	0.214%
31	15.439	2159	2168	2172	rBV	297058	479512	7.56%	0.707%
32	15.498	2172	2178	2187	rVB	1608392	2535028	39.97%	3.738%
33	15.586	2187	2193	2195	rBV2	86183	134995	2.13%	0.199%
34	15.616	2195	2198	2201	rVV	116376	164237	2.59%	0.242%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Title : SVOA CALIBRATION

35	15.657	2201	2205	2209	rVV2	199289	299102	4.72%	0.441%
36	15.739	2216	2219	2223	rVV	100560	149276	2.35%	0.220%
37	15.786	2223	2227	2235	rVB	321365	457142	7.21%	0.674%
38	15.933	2242	2252	2259	rBV2	341278	752792	11.87%	1.110%
39	16.492	2336	2347	2352	rBV2	240783	528295	8.33%	0.779%
40	16.545	2352	2356	2361	rVB2	87693	133517	2.11%	0.197%
41	16.645	2367	2373	2378	rVB2	105269	172281	2.72%	0.254%
42	16.921	2414	2420	2426	rBV2	117563	255281	4.03%	0.376%
43	17.010	2426	2435	2445	rVB	420178	699724	11.03%	1.032%
44	17.192	2461	2466	2469	rBV	430434	717318	11.31%	1.058%
45	17.245	2469	2475	2480	rVV	3407531	6341698	100.00%	9.351%
46	17.292	2480	2483	2485	rVV2	398679	527780	8.32%	0.778%
47	17.327	2485	2489	2494	rVV	1505748	2256188	35.58%	3.327%
48	17.380	2494	2498	2504	rVV3	140441	253688	4.00%	0.374%
49	17.598	2529	2535	2546	rVV	753072	1177751	18.57%	1.737%
50	17.710	2546	2554	2558	rVV3	106551	206116	3.25%	0.304%
51	17.762	2558	2563	2572	rVB5	62266	173668	2.74%	0.256%
52	18.062	2609	2614	2618	rVV	470328	723273	11.41%	1.067%
53	18.115	2618	2623	2629	rVV	656810	990176	15.61%	1.460%
54	18.192	2629	2636	2642	rVV	318698	488923	7.71%	0.721%
55	18.262	2642	2648	2652	rVV2	845411	1490077	23.50%	2.197%
56	18.298	2652	2654	2660	rVV	255862	310967	4.90%	0.459%
57	18.562	2694	2699	2704	rVV	330610	462652	7.30%	0.682%
58	18.862	2745	2750	2753	rVV	87085	137742	2.17%	0.203%
59	18.980	2765	2770	2776	rBV	161707	326484	5.15%	0.481%
60	19.051	2777	2782	2785	rBV2	96327	141641	2.23%	0.209%
61	19.127	2790	2795	2803	rVB3	75230	182885	2.88%	0.270%
62	19.256	2810	2817	2823	rBV	2791306	4486546	70.75%	6.616%
63	19.351	2829	2833	2837	rVV	104010	147047	2.32%	0.217%
64	19.398	2837	2841	2845	rVB	96931	132865	2.10%	0.196%
65	19.492	2851	2857	2867	rVB2	137898	299676	4.73%	0.442%
66	19.586	2867	2873	2875	rBV3	1005215	1563581	24.66%	2.306%
67	19.621	2875	2879	2886	rVV	2095948	3426171	54.03%	5.052%
68	19.686	2886	2890	2896	rVB3	168755	288816	4.55%	0.426%
69	19.792	2896	2908	2914	rBV	227961	360841	5.69%	0.532%
70	19.933	2926	2932	2939	rBV3	203132	519140	8.19%	0.766%
71	19.992	2939	2942	2947	rVV	93431	138325	2.18%	0.204%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Title : SVOA CALIBRATION

72	20.062	2949	2954	2957	rVV2	190769	375319	5.92%	0.553%
73	20.109	2958	2962	2967	rVB	617663	836629	13.19%	1.234%
74	20.209	2973	2979	2983	rBV	661489	901181	14.21%	1.329%
75	20.268	2983	2989	2993	rVV2	234582	460603	7.26%	0.679%
76	20.451	3016	3020	3025	rVV3	109780	153033	2.41%	0.226%
77	20.815	3077	3082	3086	rBV	100056	169724	2.68%	0.250%
78	21.021	3110	3117	3120	rBV	175748	264160	4.17%	0.390%
79	21.062	3120	3124	3127	rVV	220975	322770	5.09%	0.476%
80	21.103	3127	3131	3135	rVV2	199667	350815	5.53%	0.517%
81	21.262	3150	3158	3166	rBV	75631	218777	3.45%	0.323%
82	21.362	3166	3175	3181	rVV3	1329310	2775597	43.77%	4.093%
83	21.415	3181	3184	3193	rVB	983946	1258909	19.85%	1.856%
84	21.533	3200	3204	3209	rBV	218874	300378	4.74%	0.443%
85	21.692	3226	3231	3236	rVV3	140123	234825	3.70%	0.346%
86	21.933	3265	3272	3276	rVV	189591	384527	6.06%	0.567%
87	21.986	3277	3281	3286	rVV2	101163	165807	2.61%	0.244%
88	22.092	3295	3299	3303	rVV2	108825	178355	2.81%	0.263%
89	22.133	3303	3306	3309	rVV	95305	156284	2.46%	0.230%
90	22.168	3309	3312	3318	rVV4	132526	202197	3.19%	0.298%
91	22.233	3318	3323	3332	rVB4	75953	146175	2.30%	0.216%
92	22.974	3441	3449	3454	rBV	481085	1182939	18.65%	1.744%
93	23.150	3473	3479	3485	rVB	124303	213727	3.37%	0.315%
94	23.462	3526	3532	3537	rBV	226387	459096	7.24%	0.677%
95	23.515	3537	3541	3545	rVV	280439	529275	8.35%	0.780%
96	23.562	3545	3549	3556	rVV	413317	731259	11.53%	1.078%
97	23.662	3558	3566	3571	rVV	385313	789393	12.45%	1.164%
98	23.709	3571	3574	3582	rVB2	122846	227815	3.59%	0.336%
99	25.968	3949	3958	3971	rVB	129487	420309	6.63%	0.620%
100	26.674	4070	4078	4088	rBV	68885	213768	3.37%	0.315%

Sum of corrected areas: 67816397

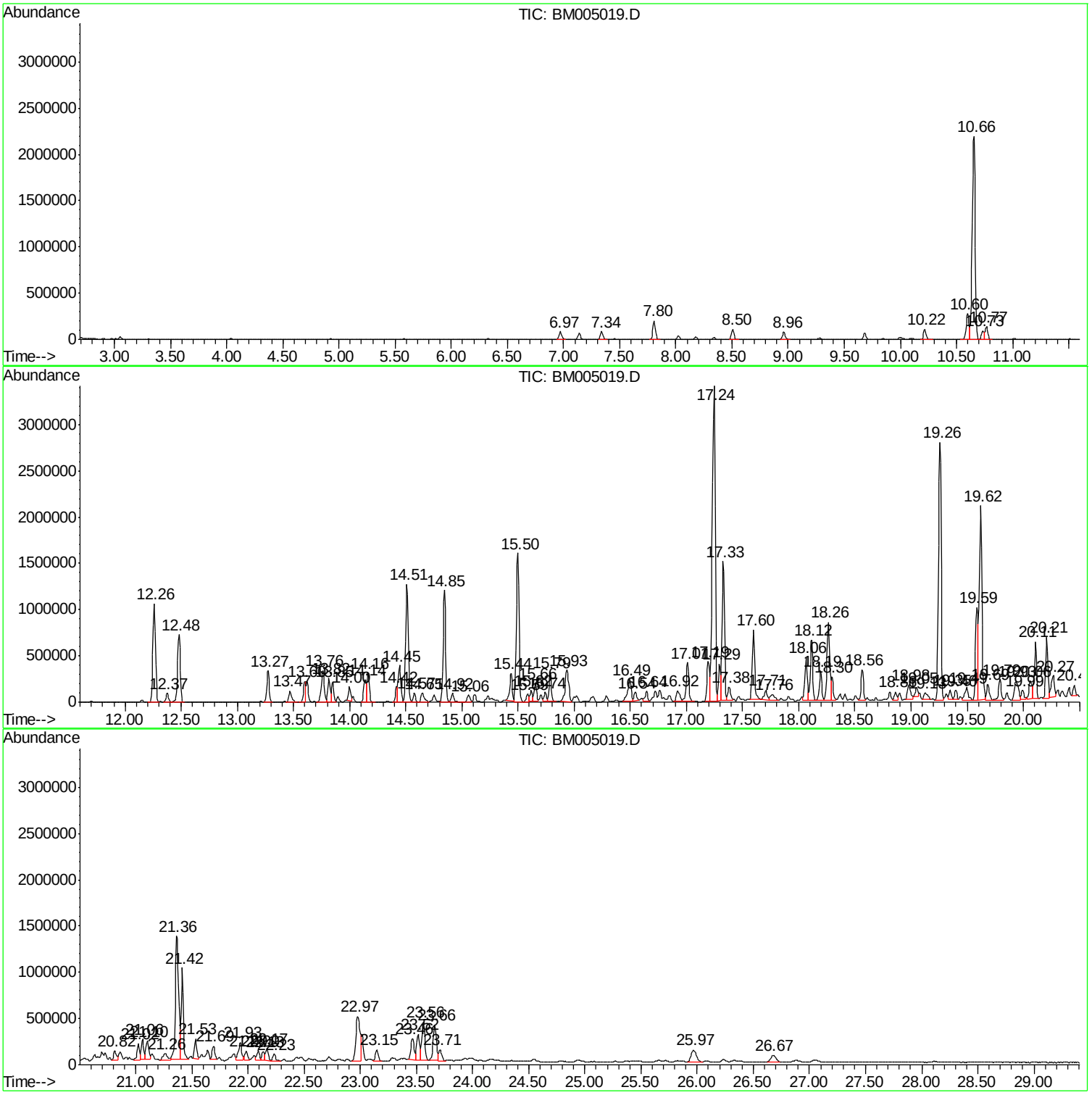
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

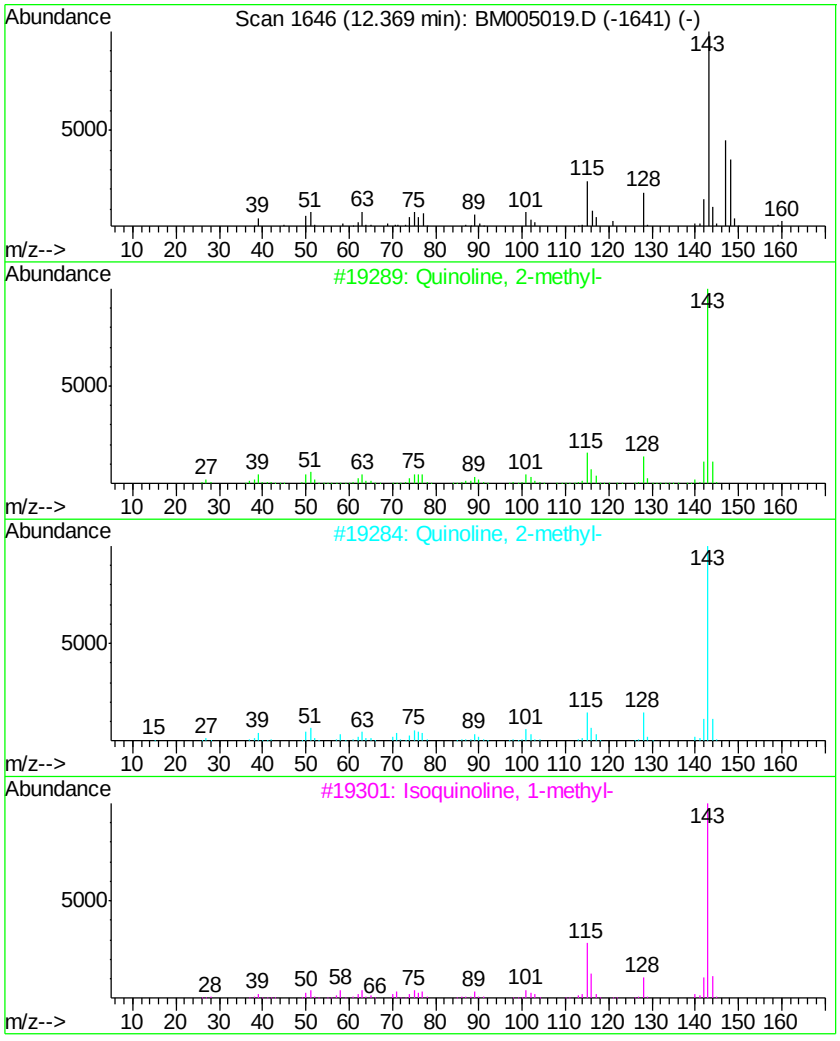
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

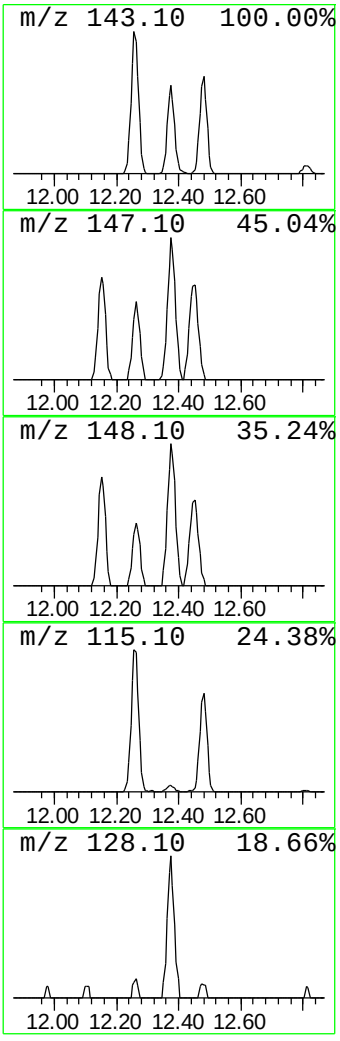
****

Peak Number 1 Quinoline, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.20 ng/ul	153766	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	87
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	55
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	55
4	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	55
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

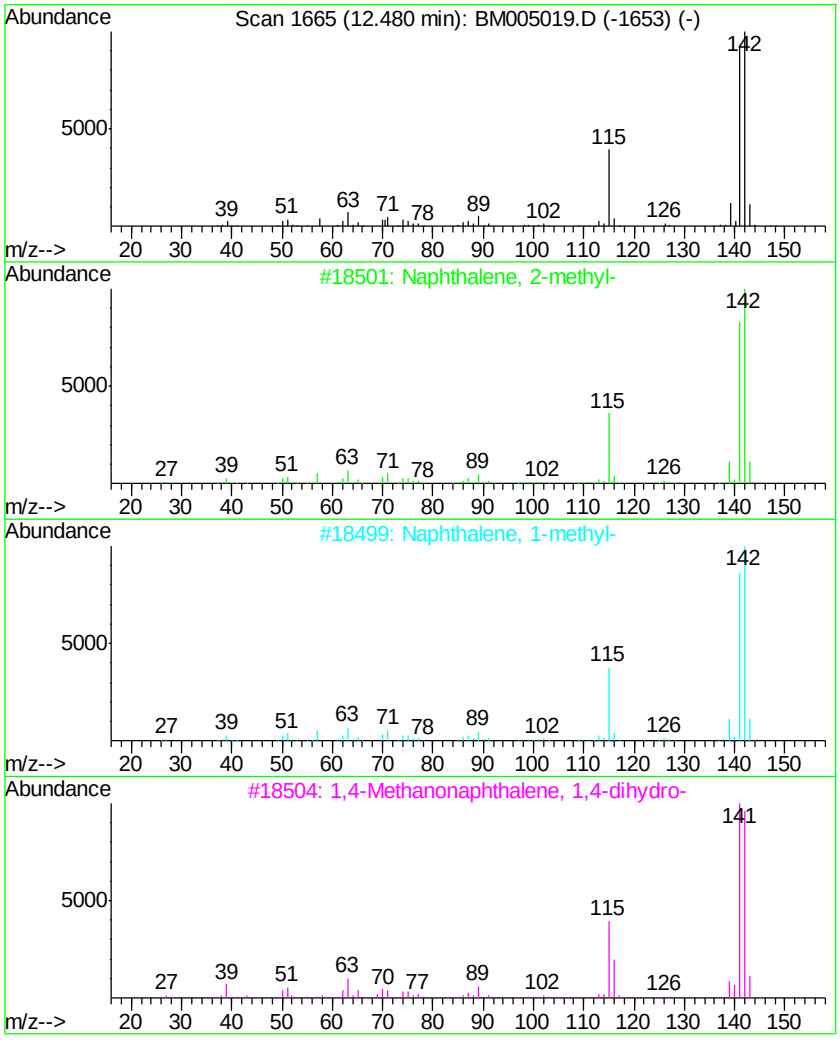
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

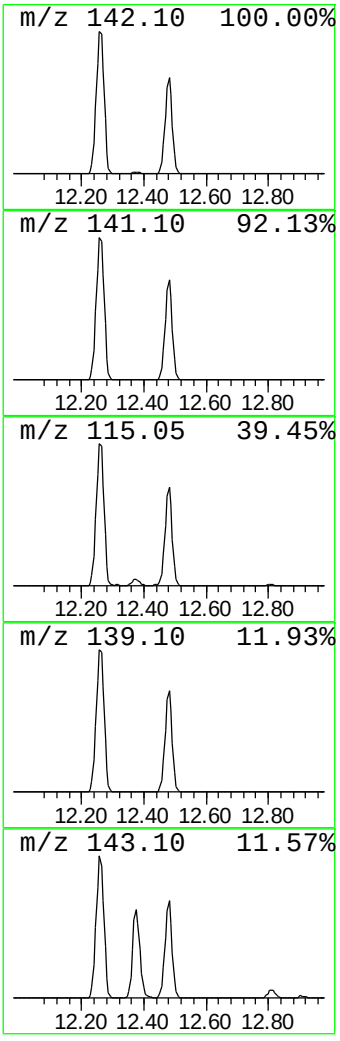
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	48.20 ng/ul	1195150	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

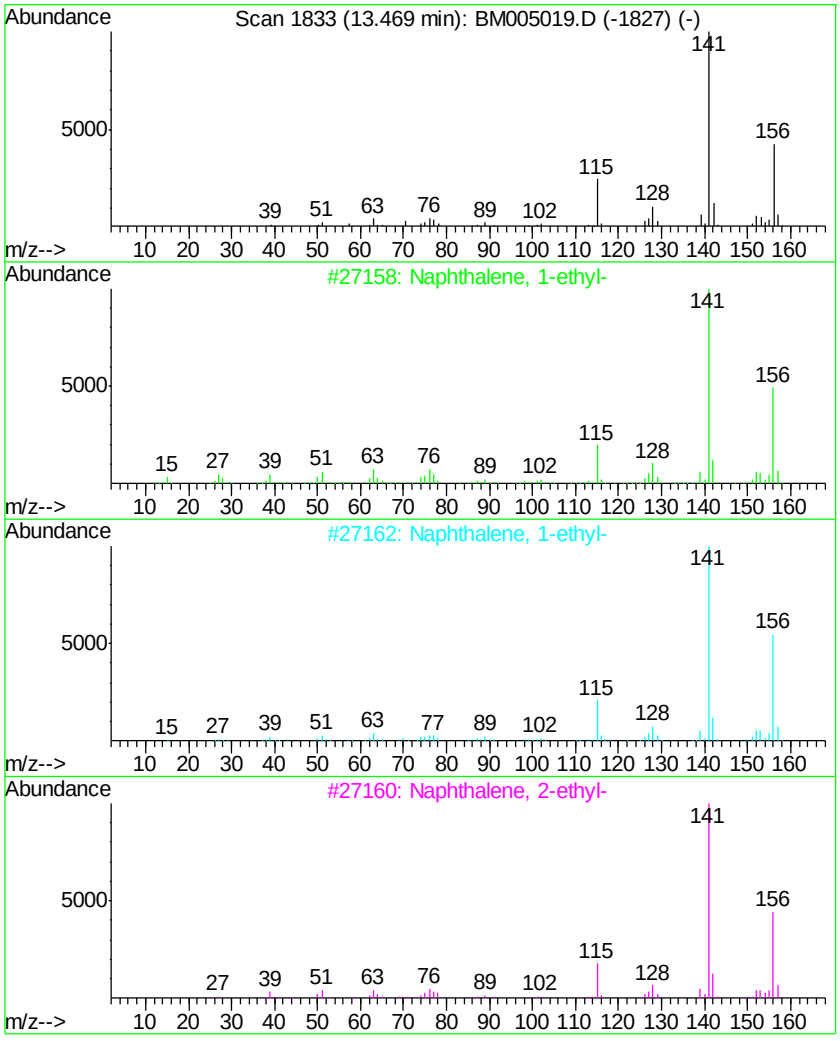
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

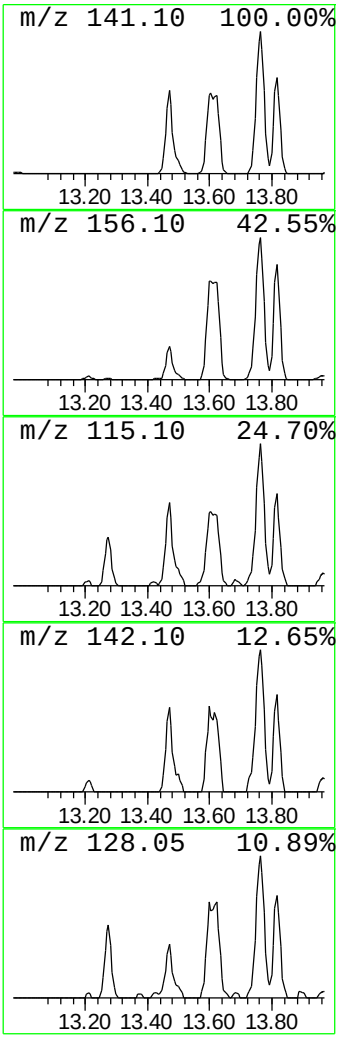
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	6.62 ng/ul	210223	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

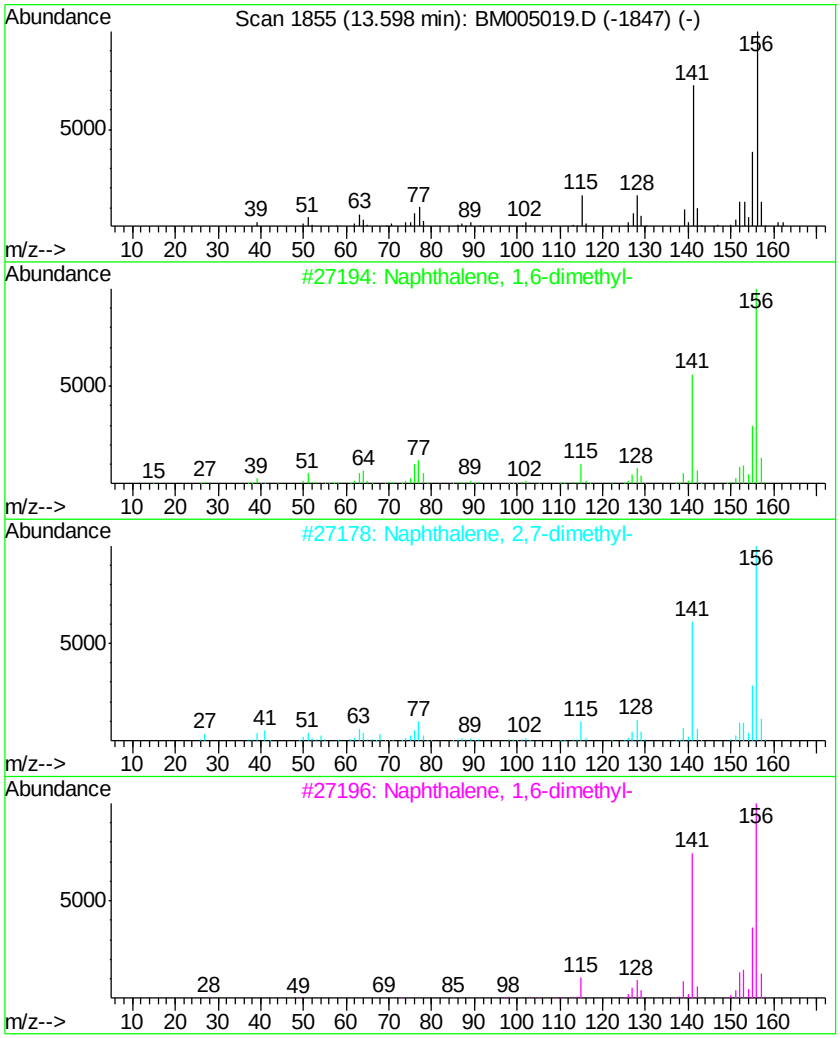
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

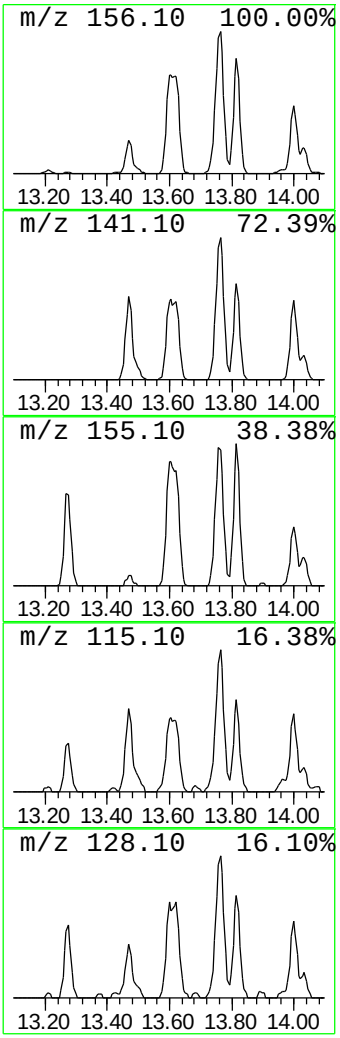
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	10.83 ng/ul	344247	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

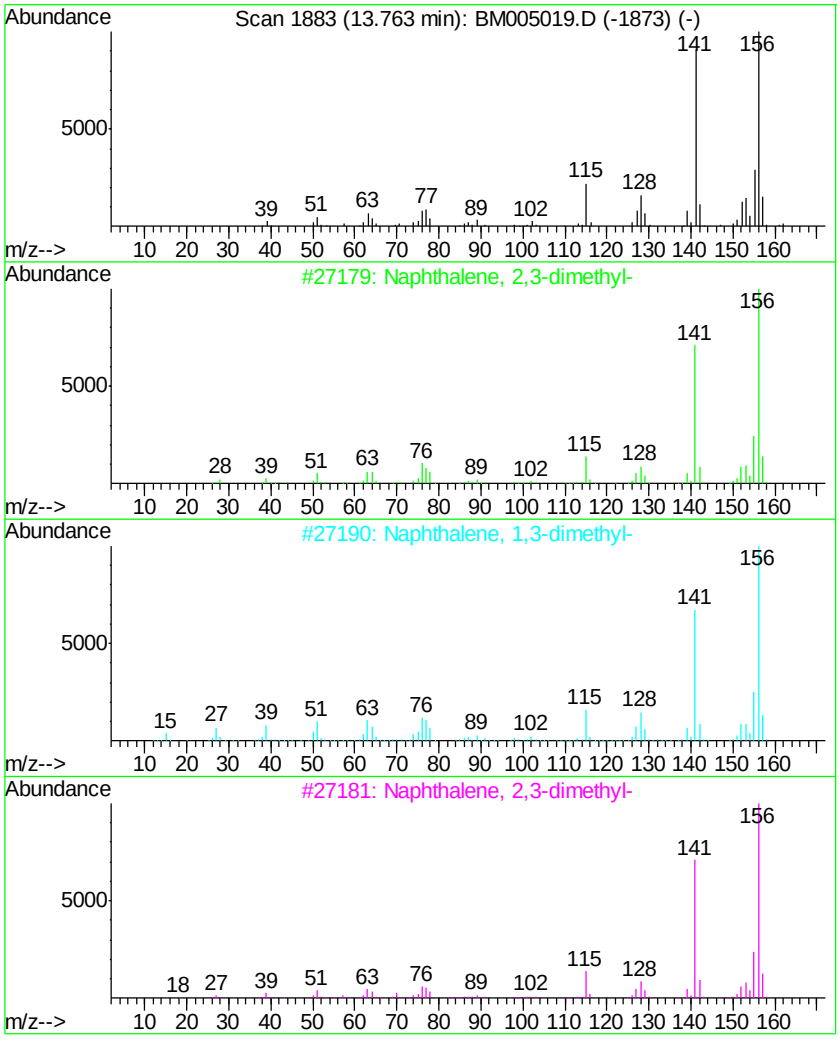
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

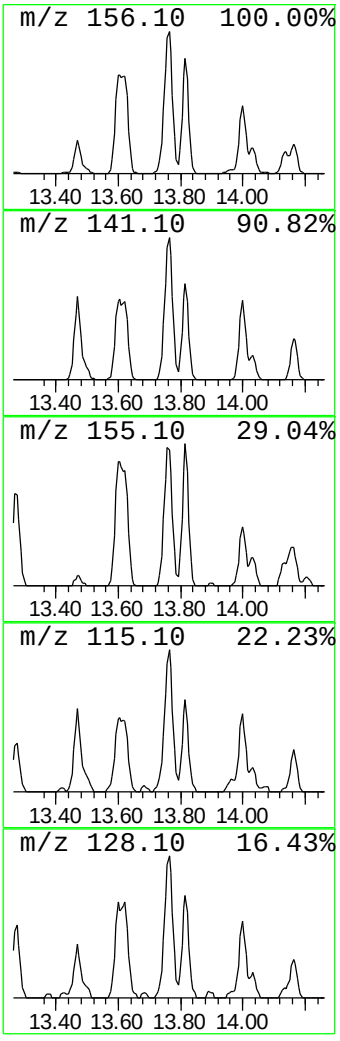
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	20.46 ng/ul	649952	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

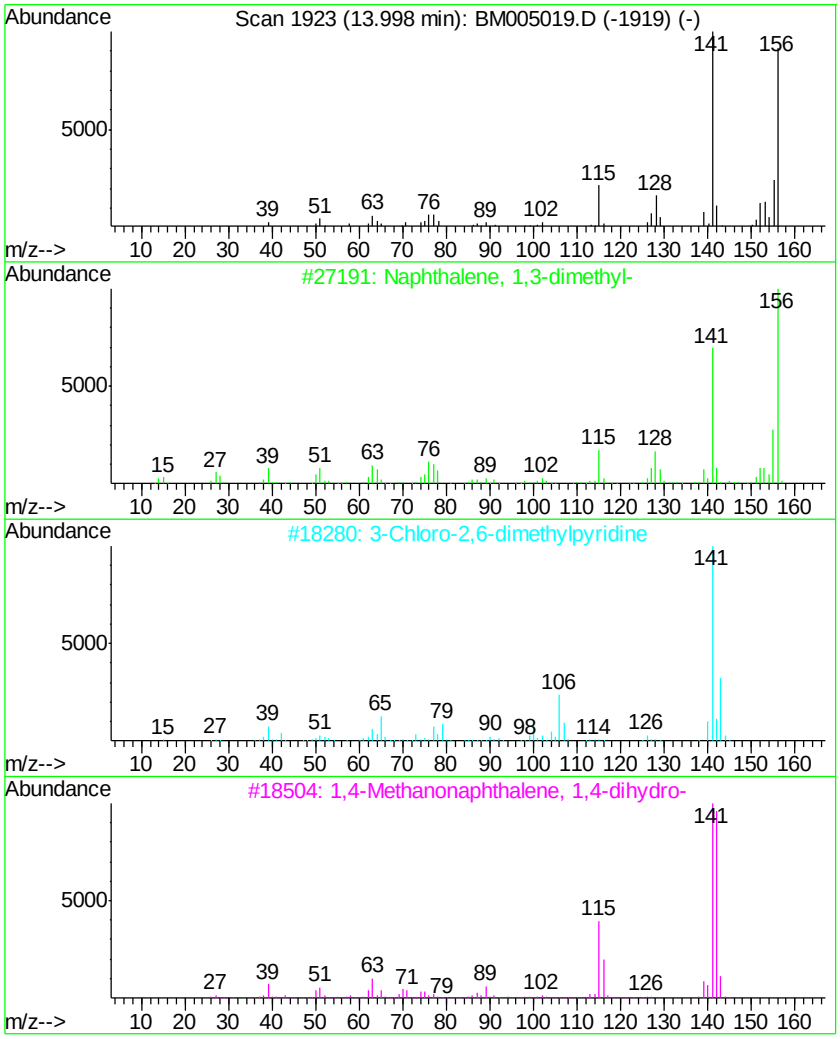
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

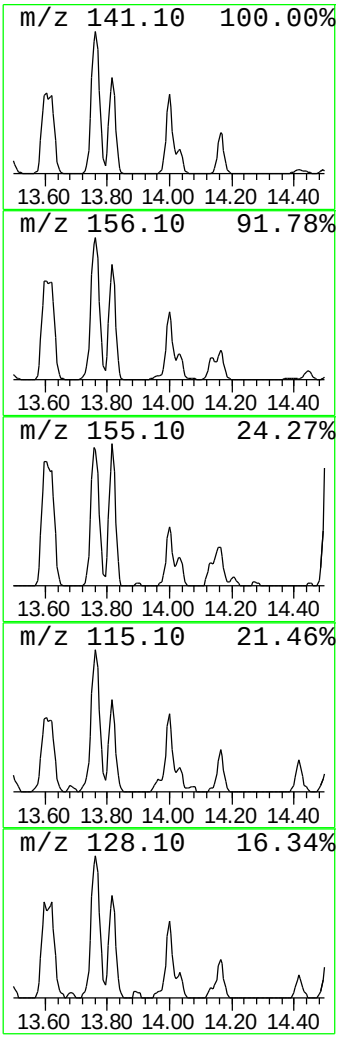
****

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	6.91 ng/ul	219569	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
2	3-Chloro-2,6-dimethylpyridine	141	C7H8ClN	002405-06-3	12
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	10
4	Benzoic acid, 2,6-difluoro-, 2-a...	276	C15H10F2O3	1000266-38-6	10
5	Pyrimidine, 5-fluoro-2-dimethyla...	141	C6H8FN3	081568-10-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

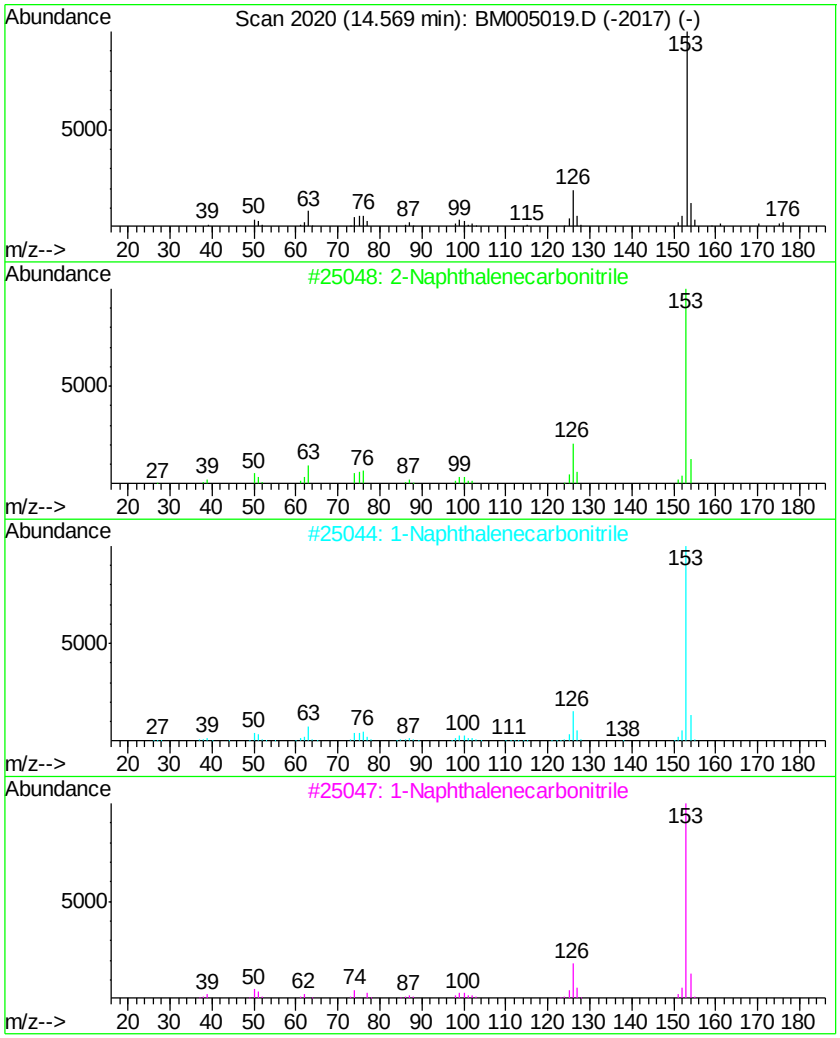
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

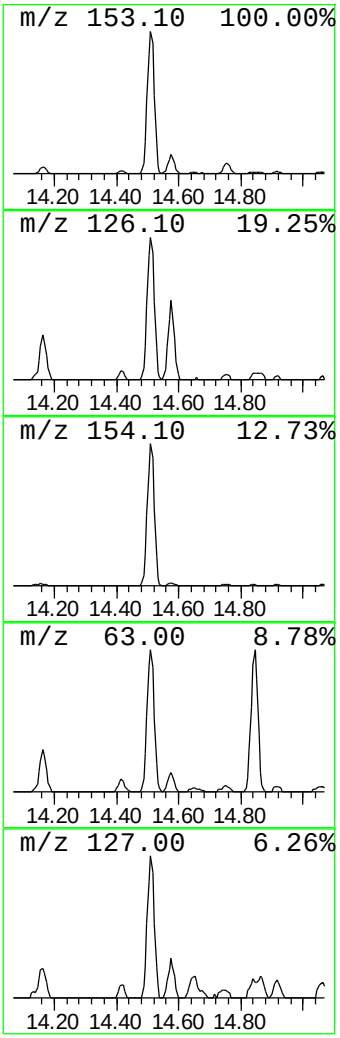
****

Peak Number 7 2-Naphthalenecarbonitrile Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	4.61 ng/ul	146547	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	95
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

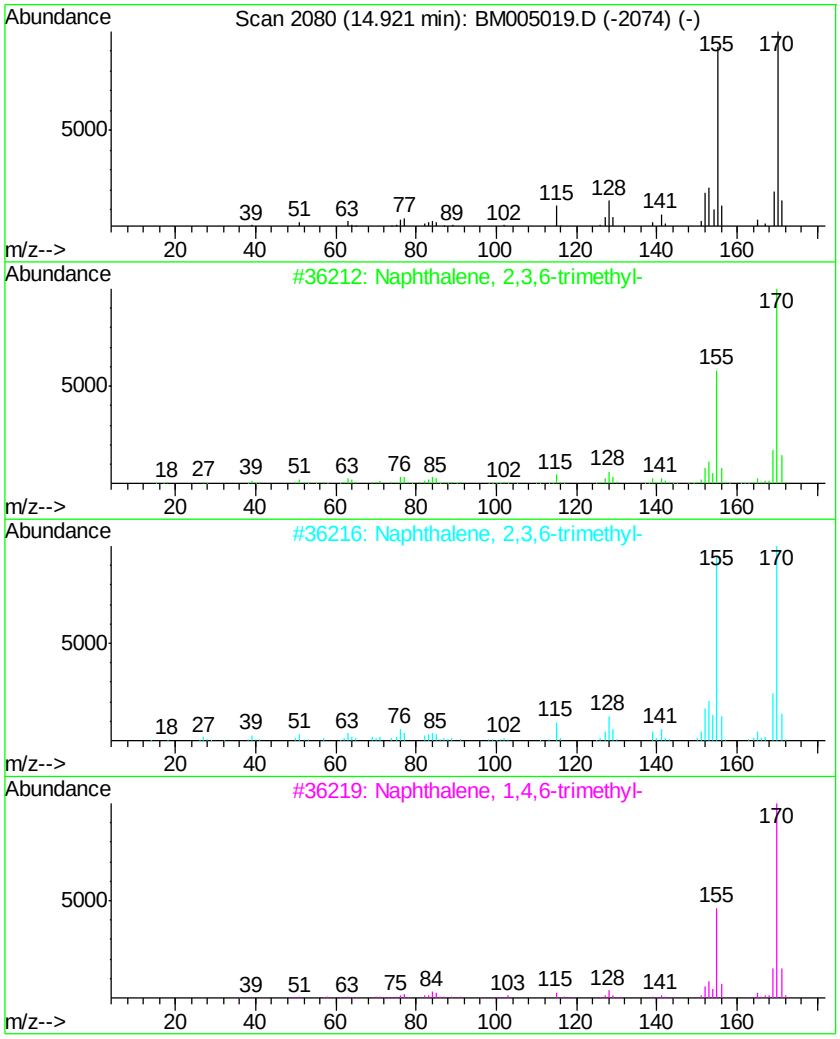
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

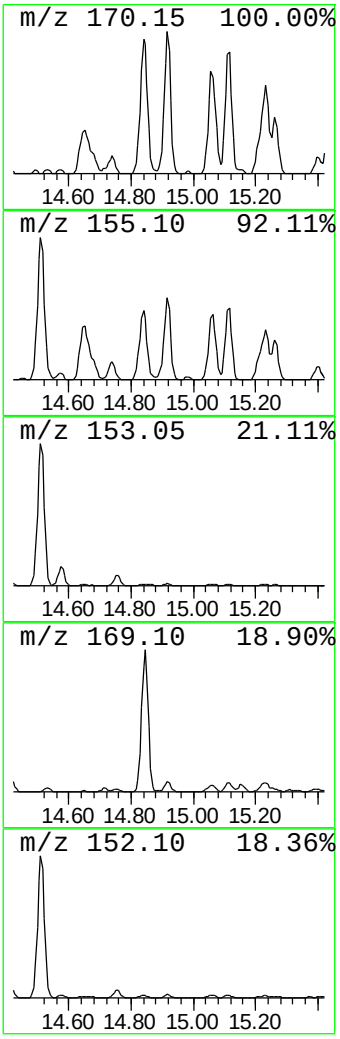
****

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.94 ng/ul	156914	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

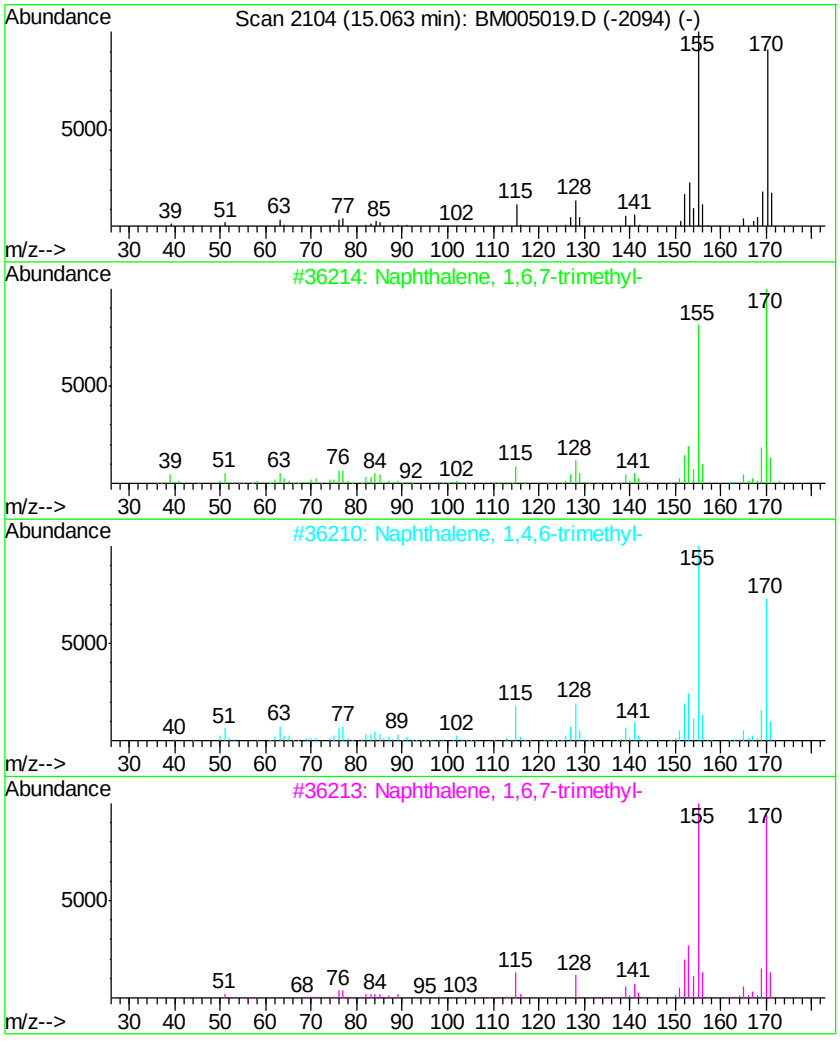
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

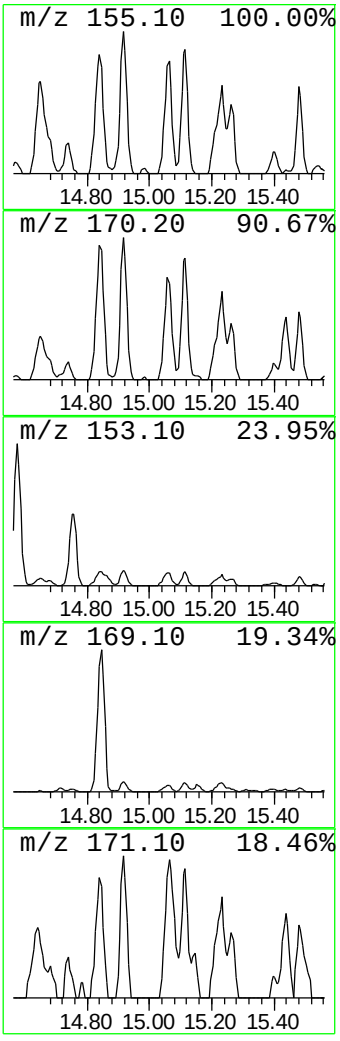
****

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.57 ng/ul	145311	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

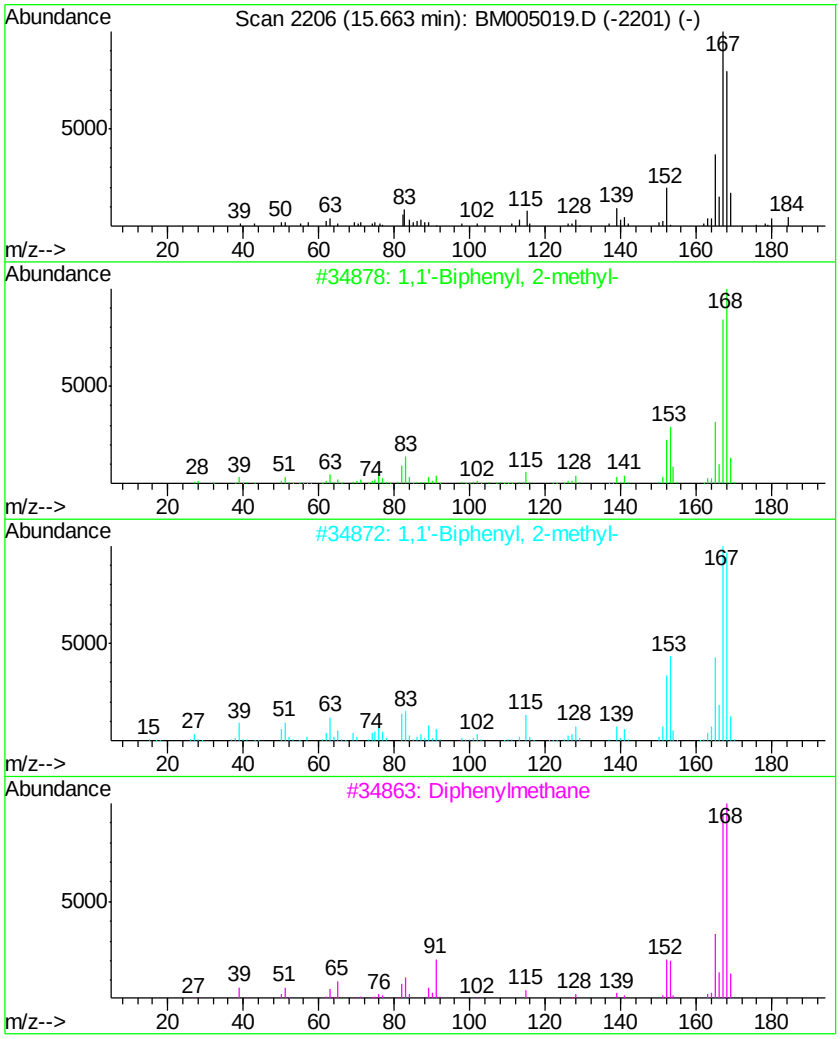
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

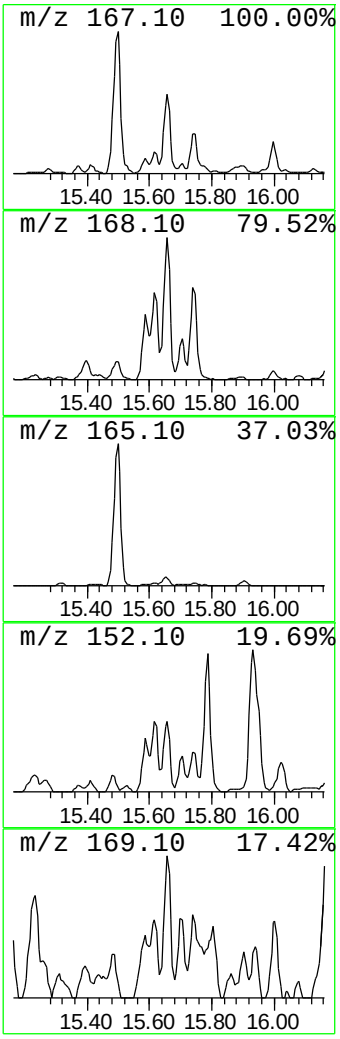
****

Peak Number 10 1,1'-Biphenyl, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	9.41 ng/ul	299102	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
3	Diphenylmethane	168	C13H12	000101-81-5	68
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64
5	Diphenylmethane	168	C13H12	000101-81-5	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

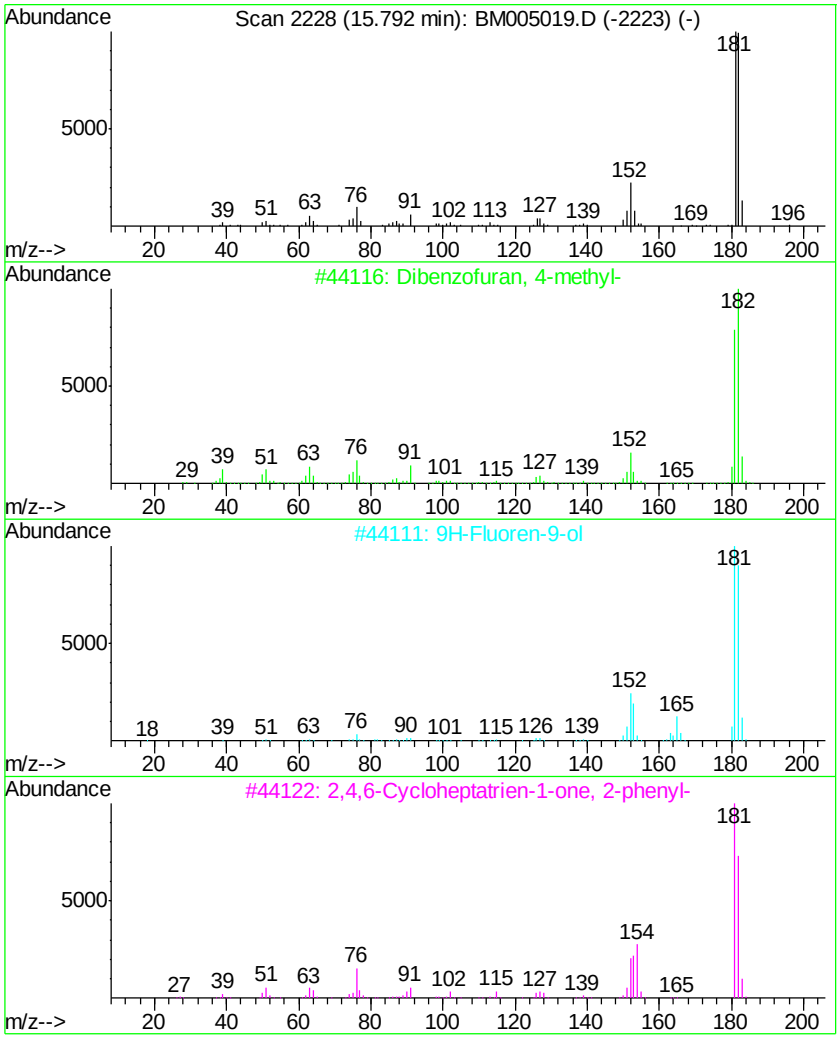
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

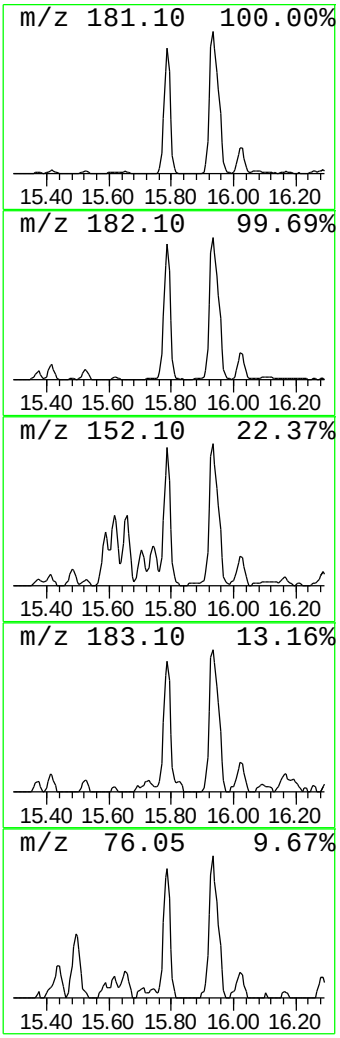
****

Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	14.39 ng/ul	457142	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

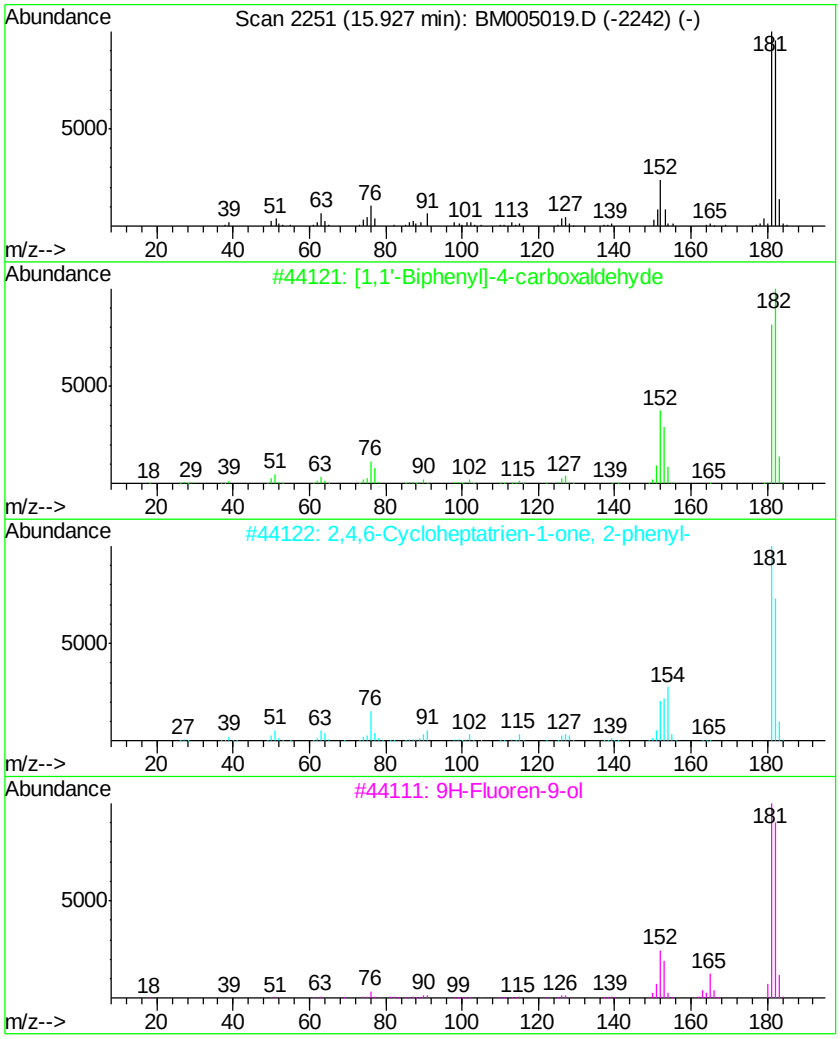
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

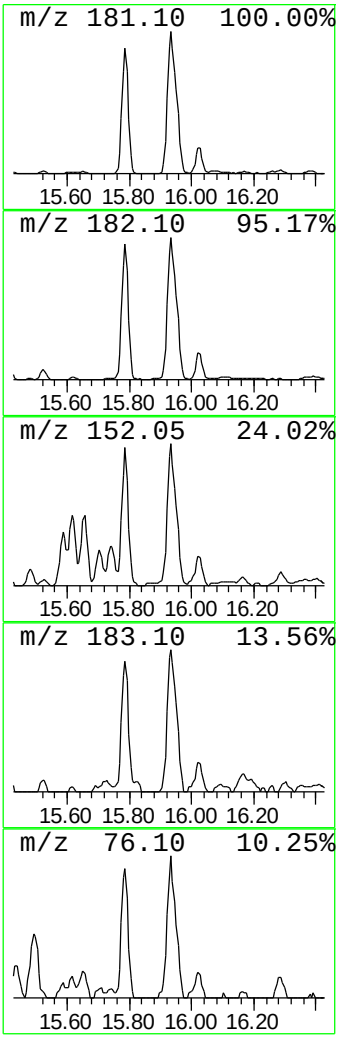
****

Peak Number 13 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	20.99 ng/ul	752792	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

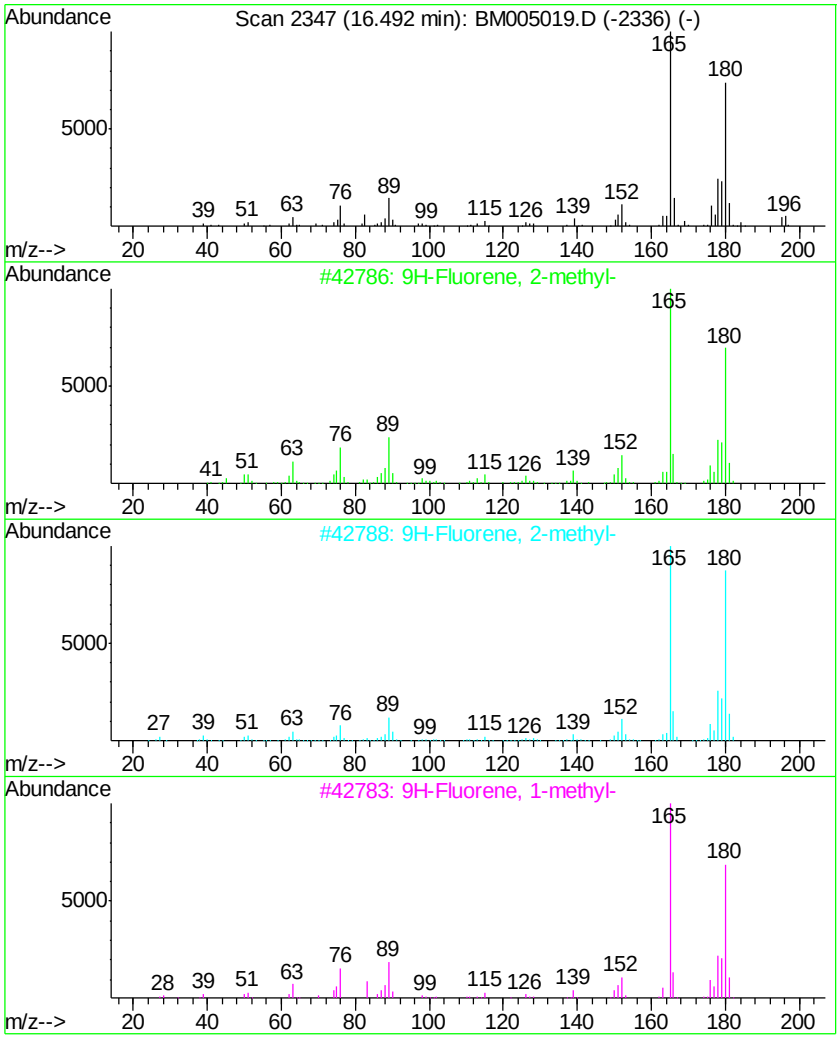
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

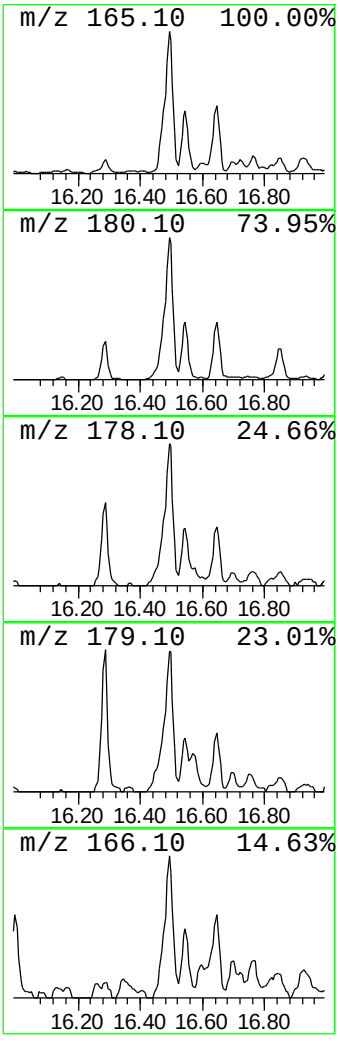
****

Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	14.73 ng/ul	528295	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

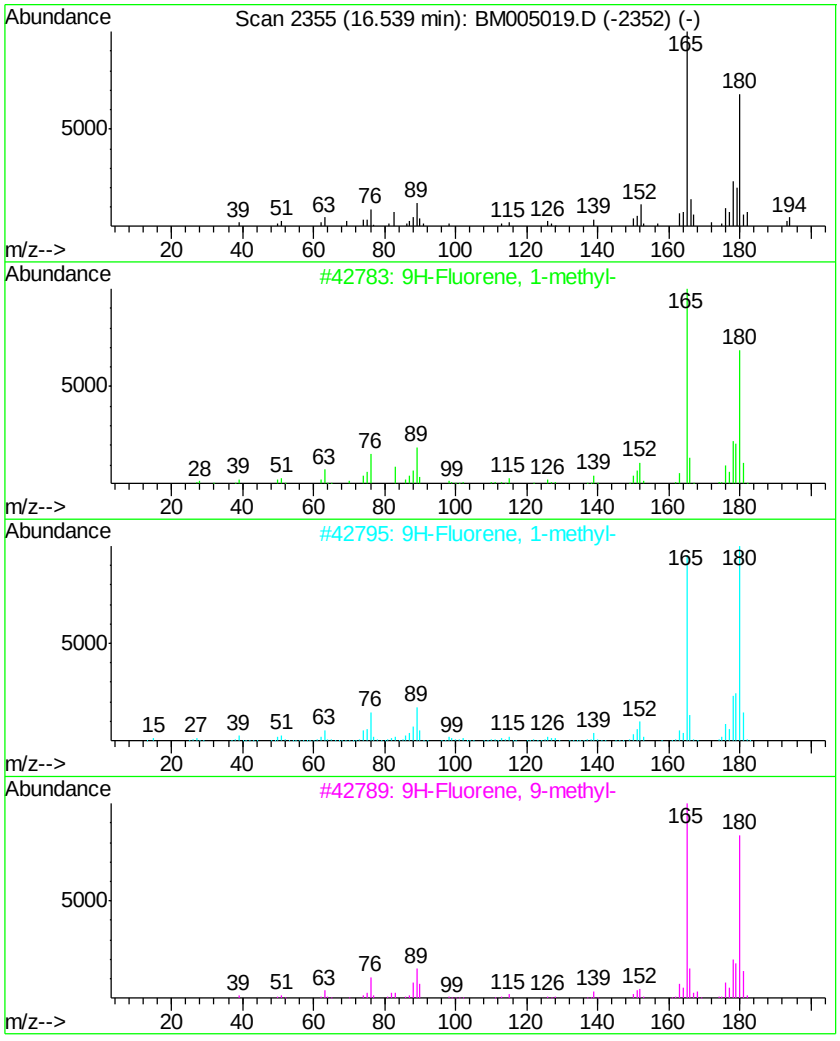
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

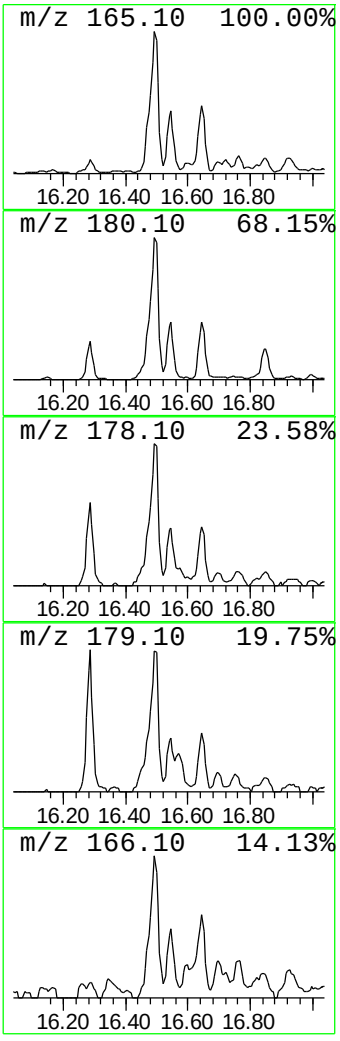
****

Peak Number 15 9H-Fluorene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.72 ng/ul	133517	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

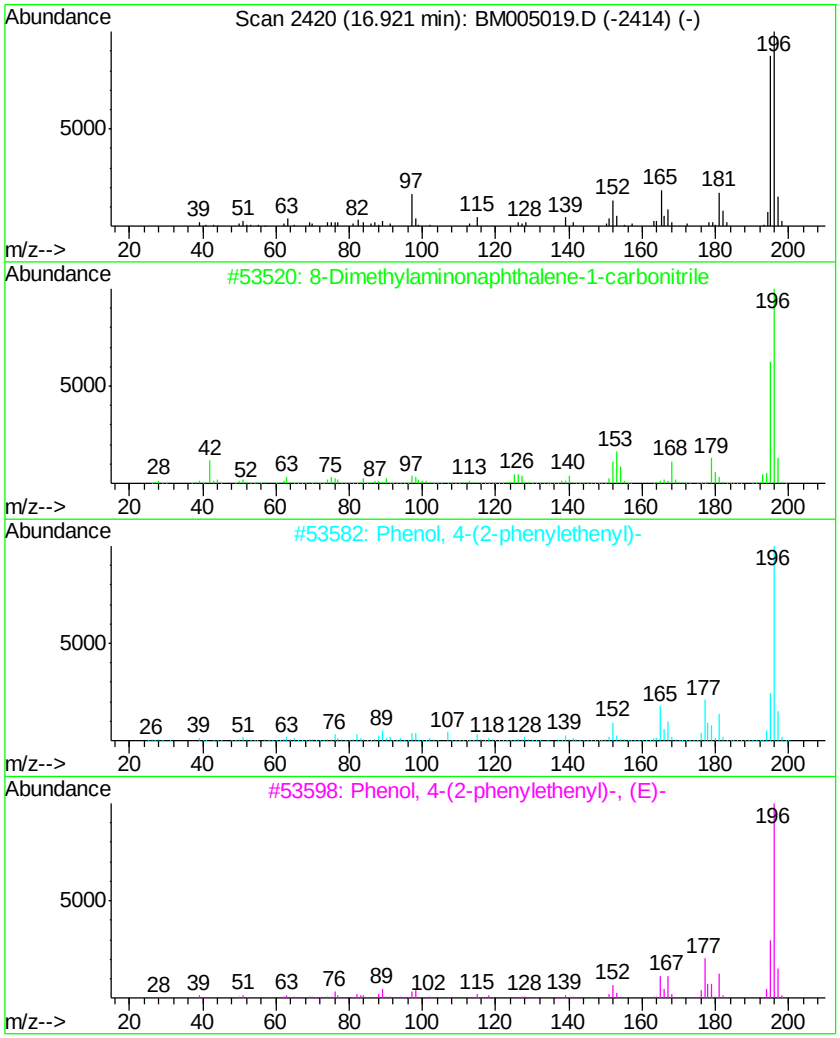
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

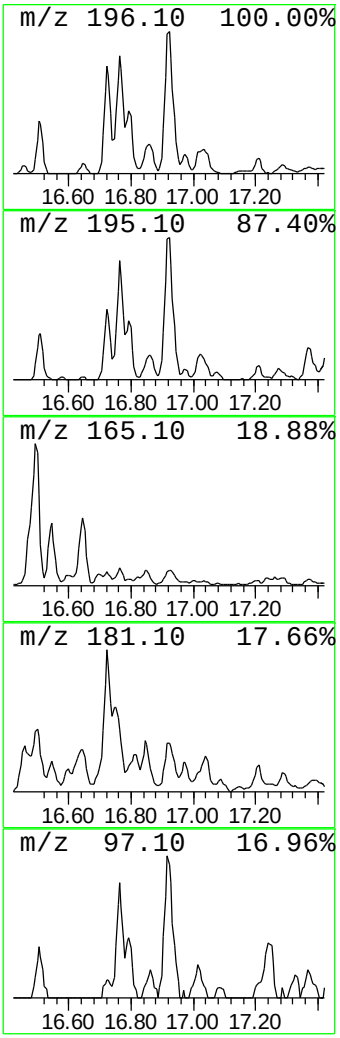
****

Peak Number 17 8-Dimethylaminonaphthalene-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	7.12 ng/ul	255281	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	70
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

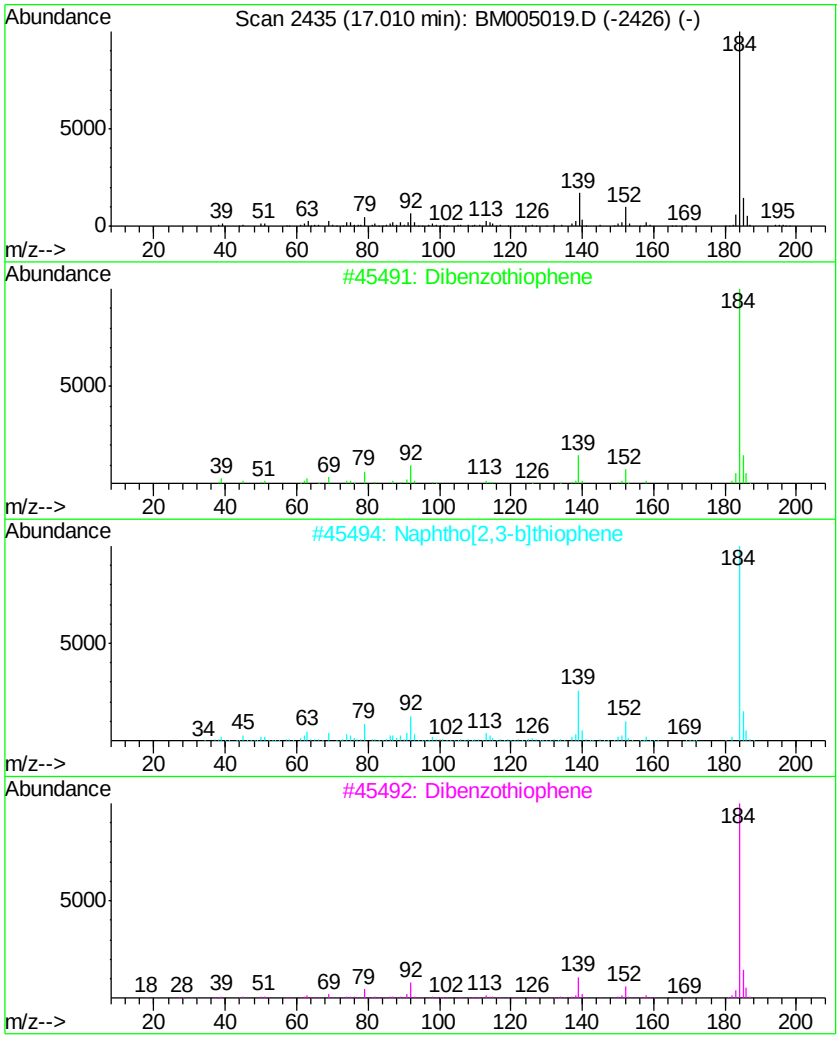
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

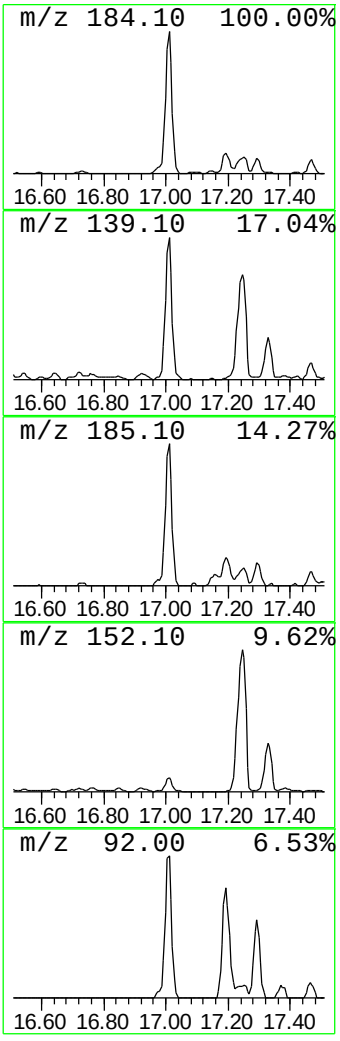
****

Peak Number 18 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	19.51 ng/ul	699724	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

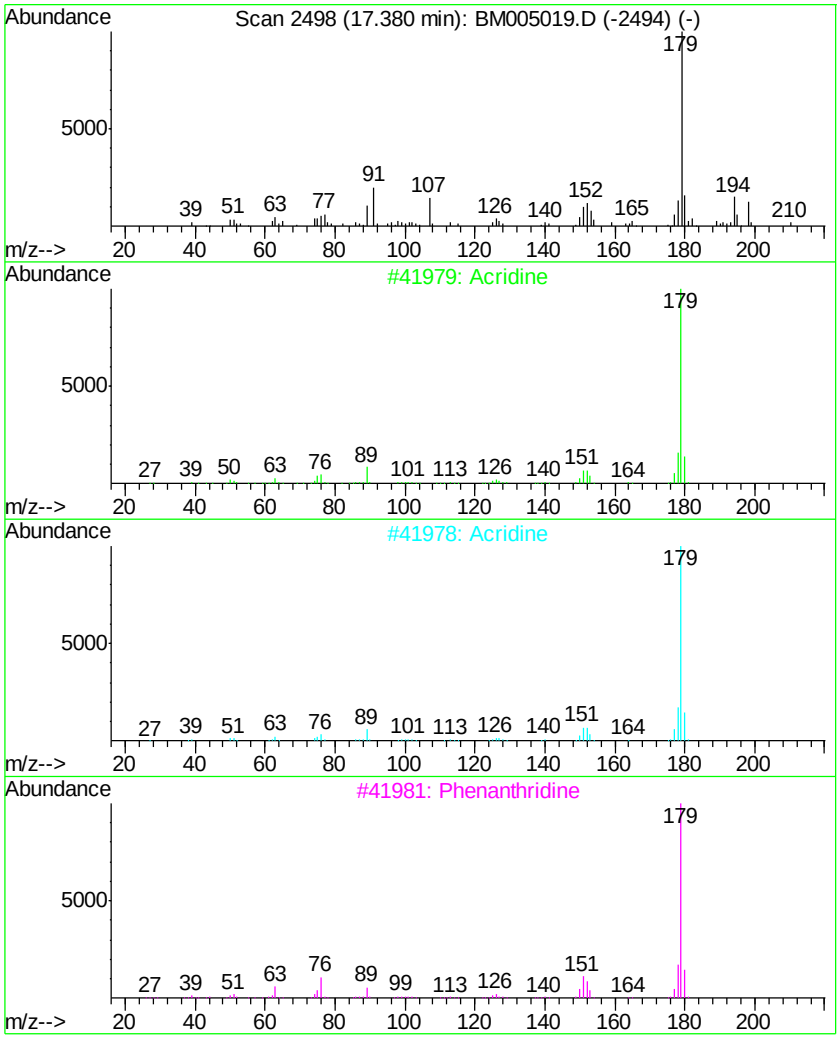
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

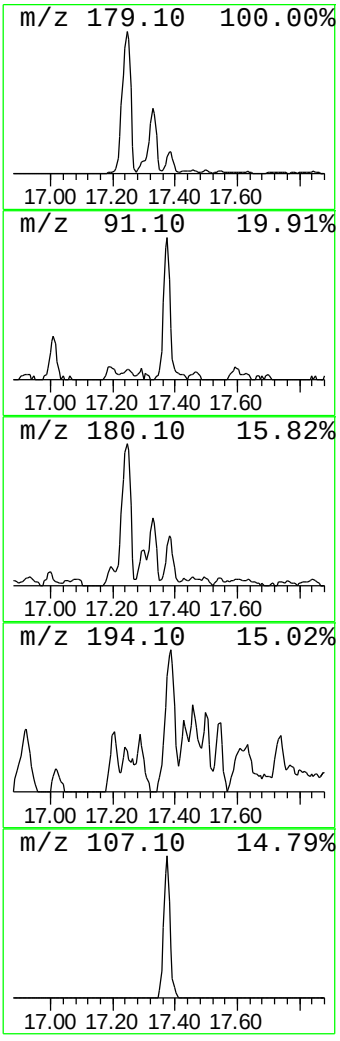
****

Peak Number 19 Acridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	7.07 ng/ul	253688	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Acridine	179	C13H9N	000260-94-6	81
3	Phenanthridine	179	C13H9N	000229-87-8	76
4	Acridine	179	C13H9N	000260-94-6	76
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

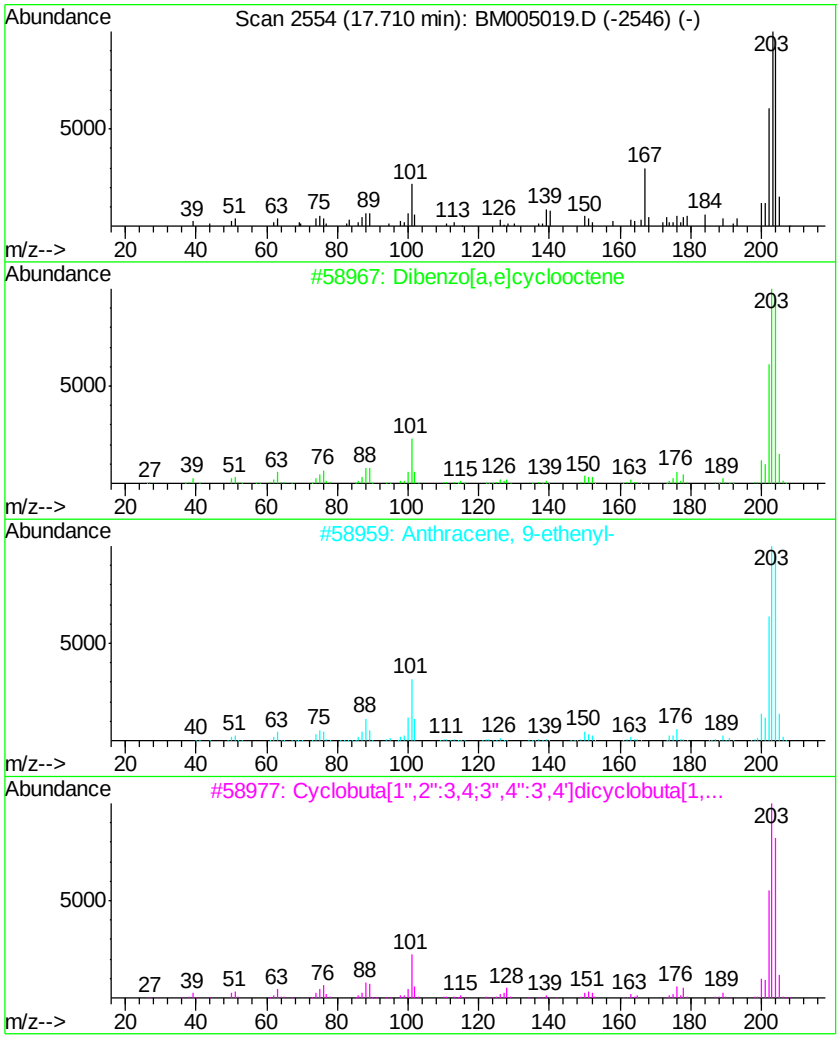
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

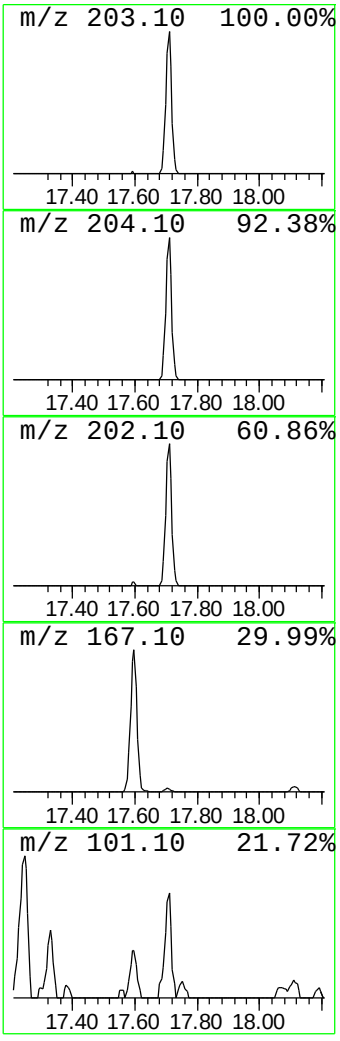
****

Peak Number 20 Dibenzo[a,e]cyclooctene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	5.75 ng/ul	206116	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	95
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3	Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	93
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

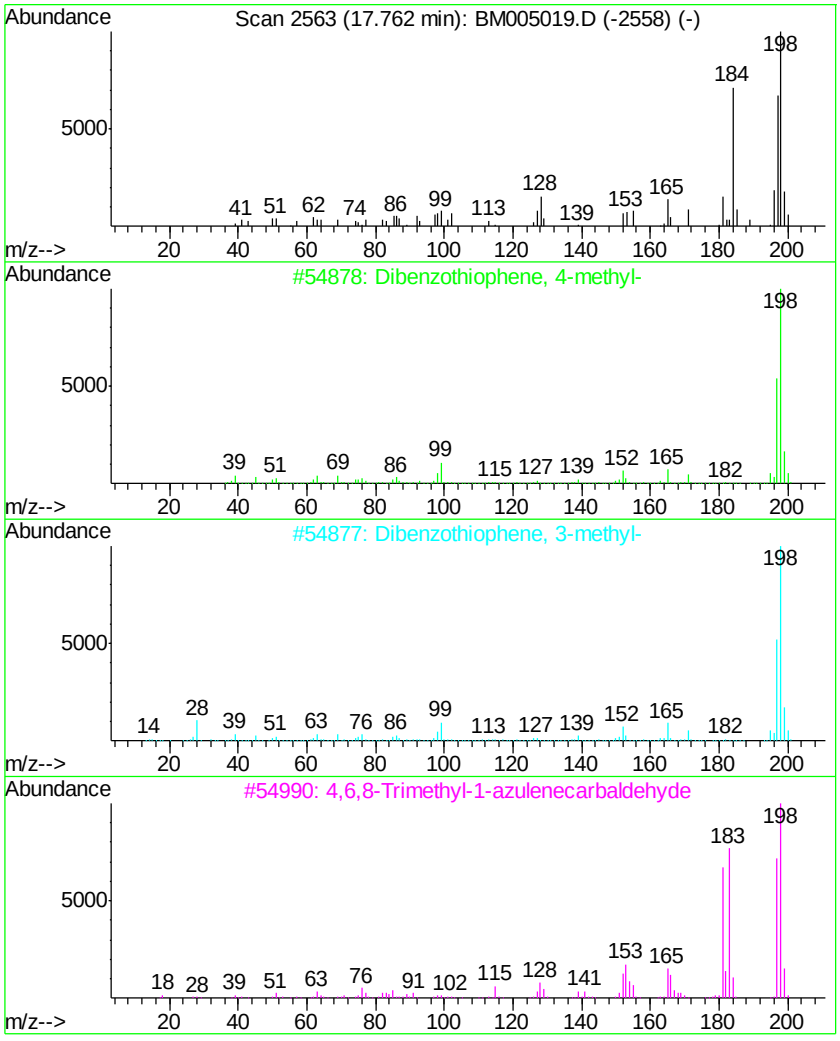
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

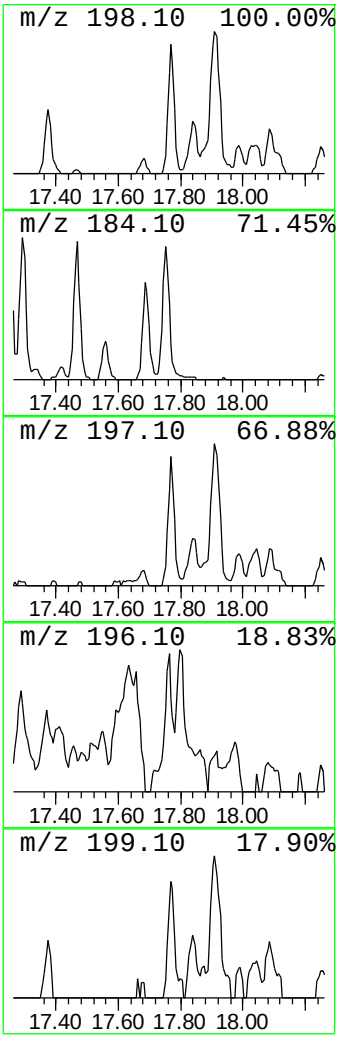
****

Peak Number 21 Dibenzothiophene, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	4.84 ng/ul	173668	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58
3	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	52
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

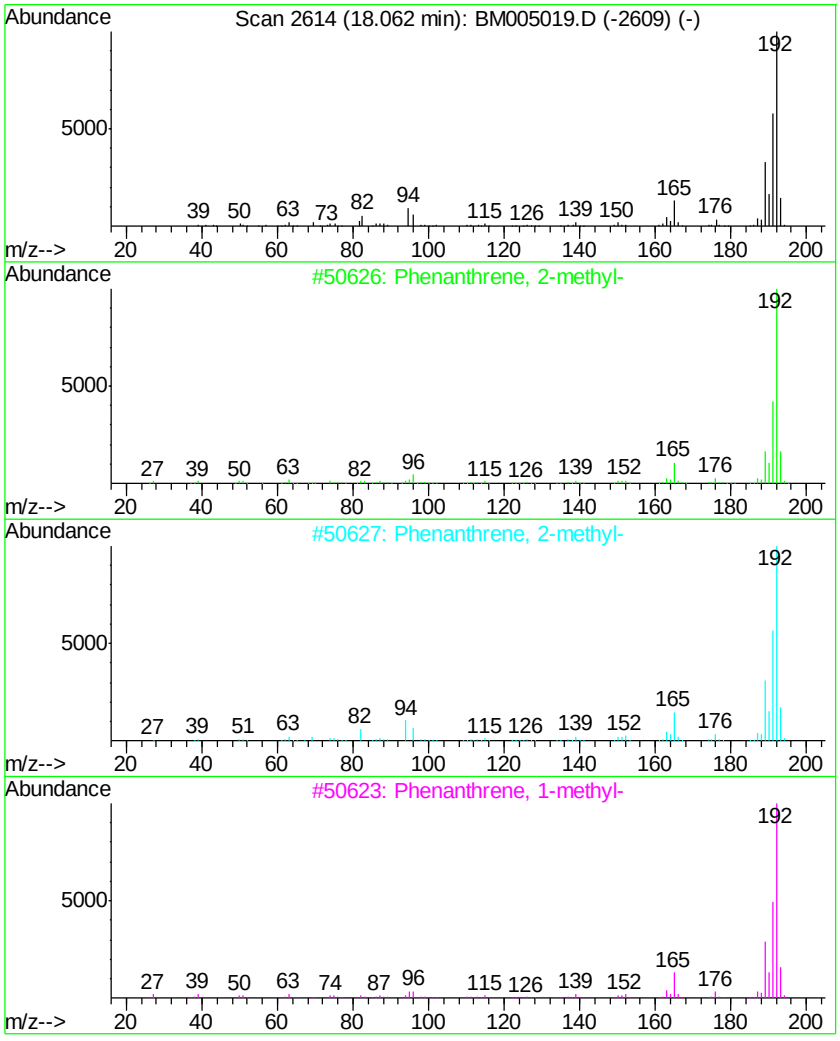
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

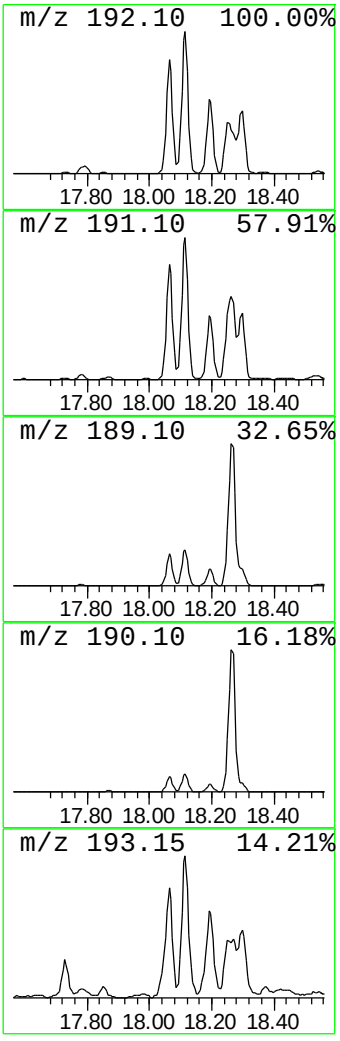
****

Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	20.17 ng/ul	723273	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

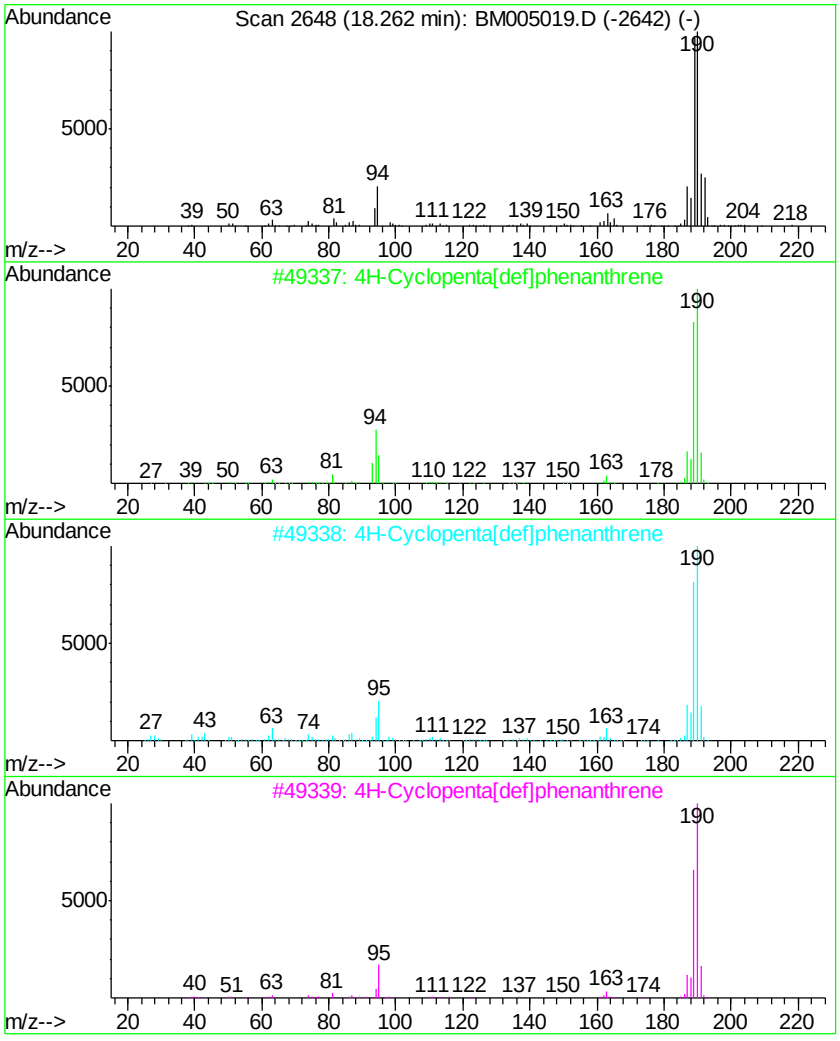
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

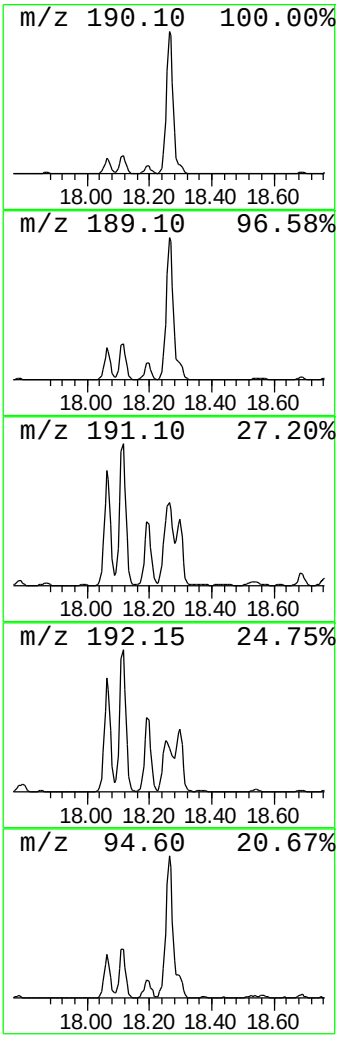
****

Peak Number 25 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	41.55 ng/ul	1490080	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

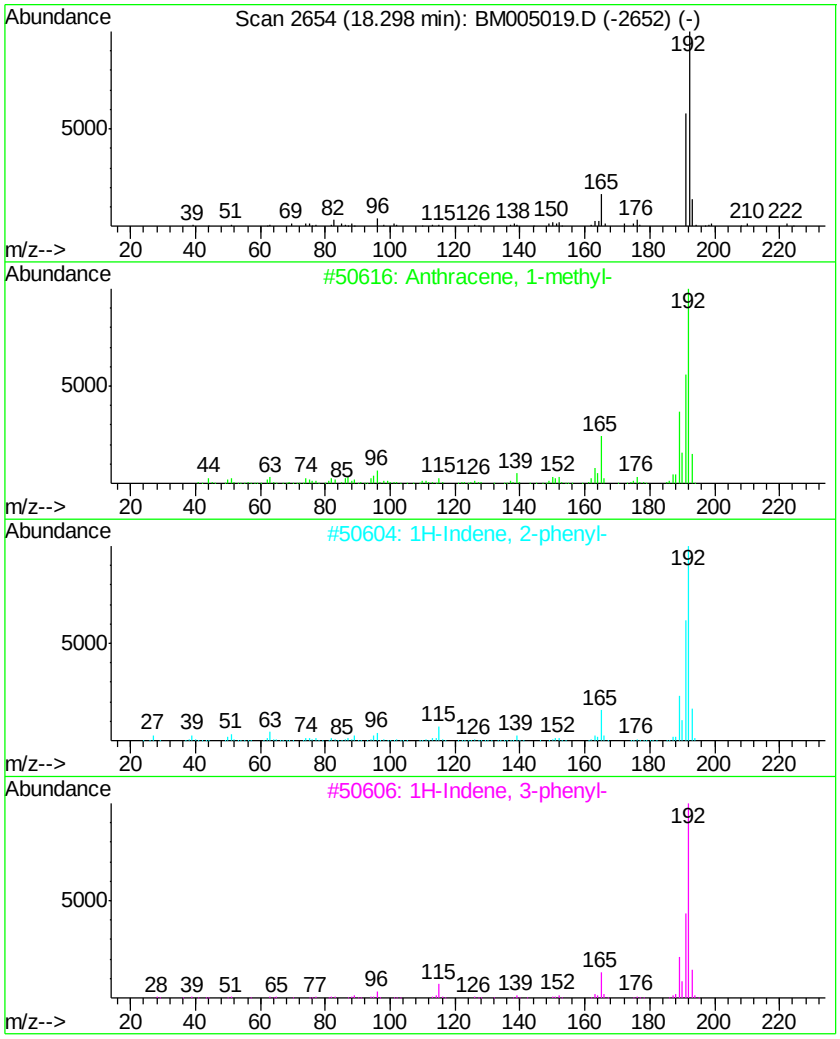
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

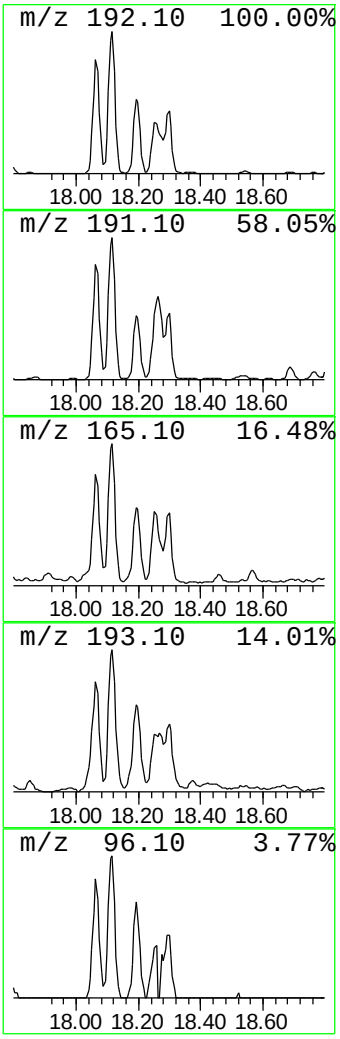
****

Peak Number 26 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	8.67 ng/ul	310967	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	87
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

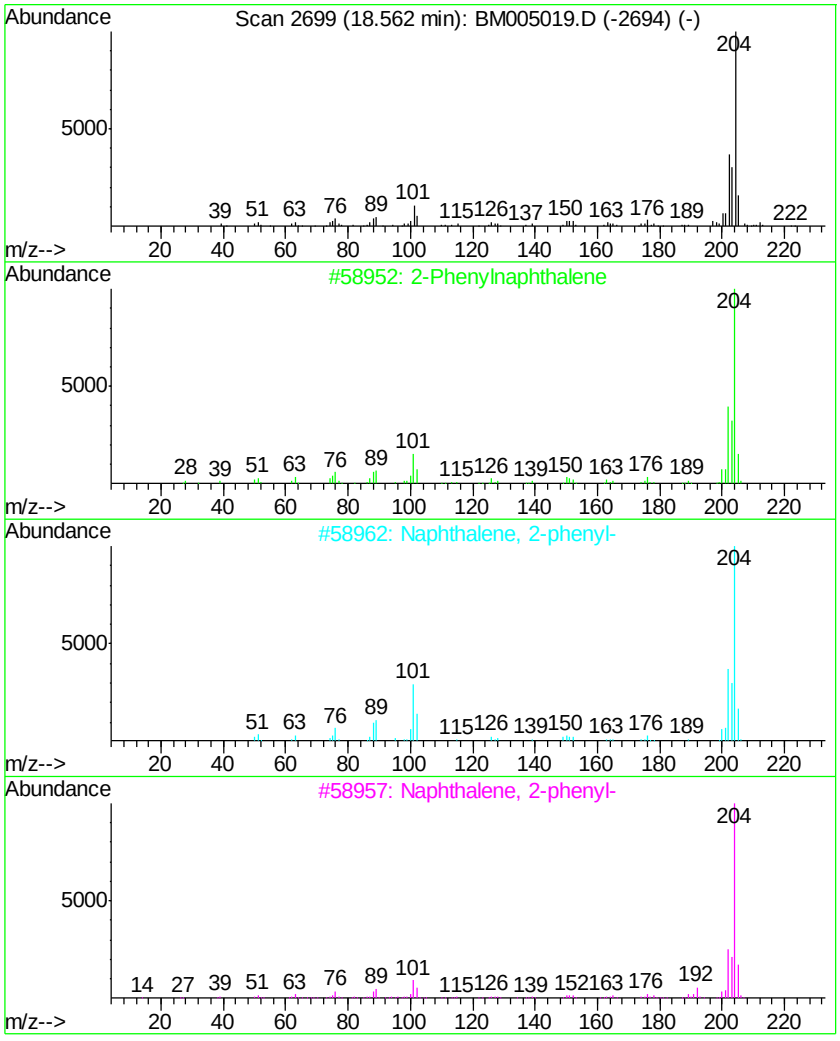
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

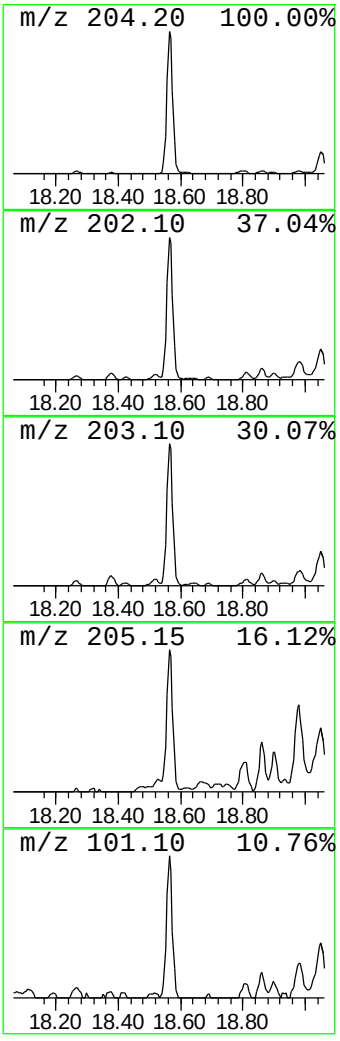
****

Peak Number 27 2-Phenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	12.90 ng/ul	462652	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

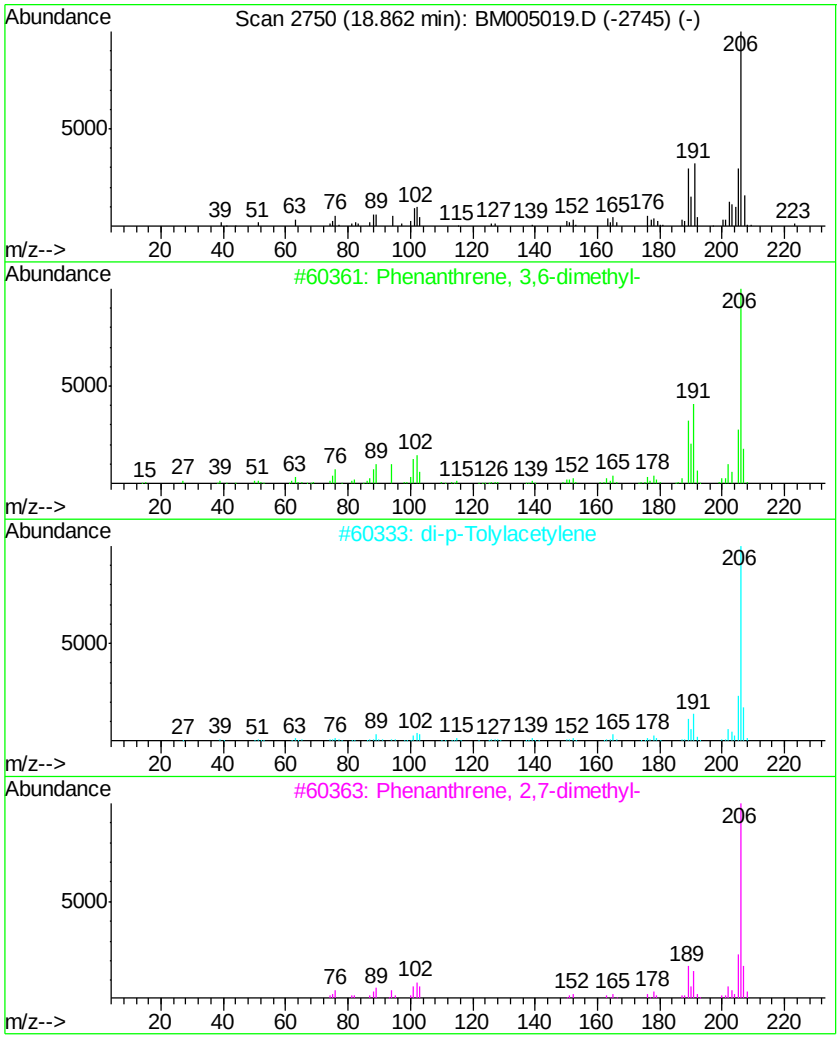
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

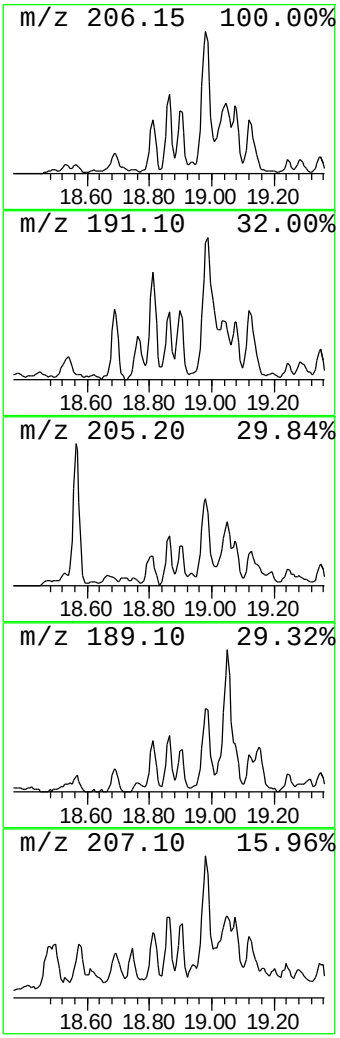
****

Peak Number 28 Phenanthrene, 3,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.84 ng/ul	137742	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

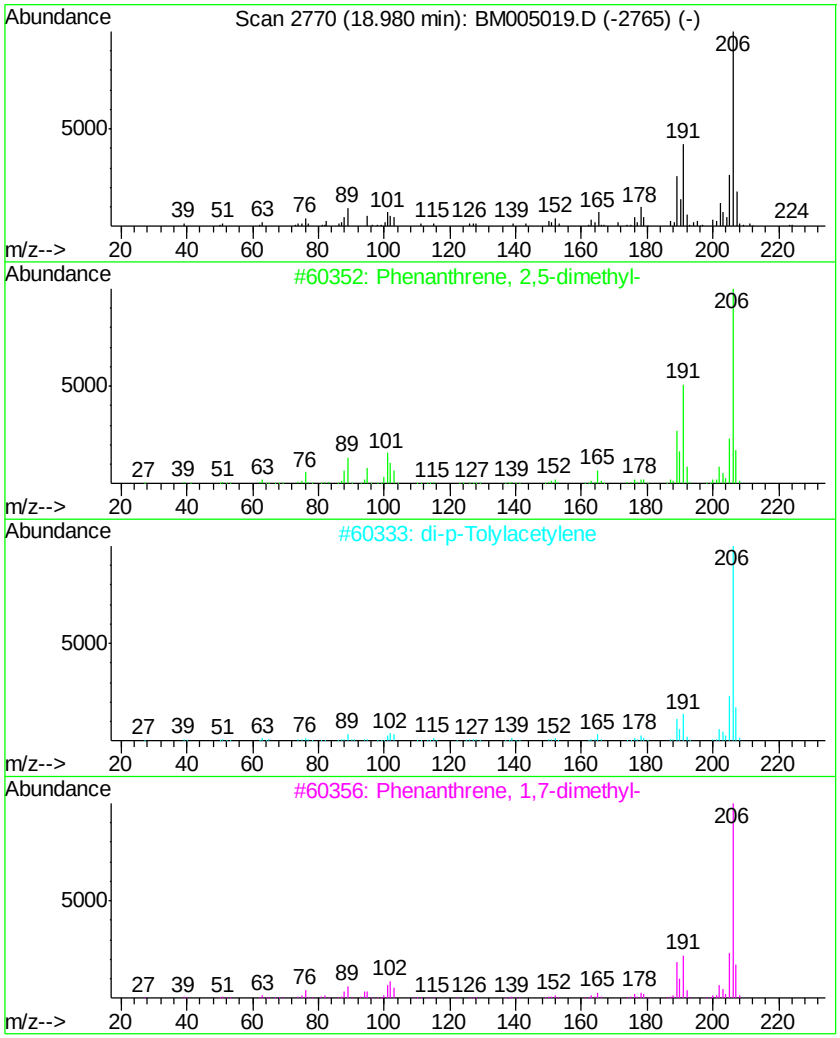
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

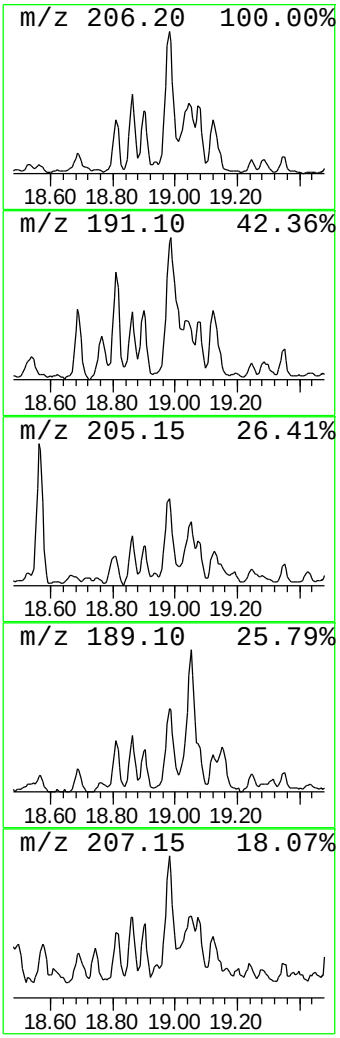
****

Peak Number 29 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	9.10 ng/ul	326484	Phenanthrene-d10	17.19

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	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
Acq On : 21 Apr 2016 08:57
Operator : UM/SJ
Sample : H2567-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.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
Quinoline, 2-methyl-	12.37	6.2	ng/ul	153766	2	10.60	495907	20.0
Naphthalene, 1-me...	12.48	48.2	ng/ul	1195150	2	10.60	495907	20.0
Naphthalene, 1-et...	13.47	6.6	ng/ul	210223	3	14.45	635442	20.0
Naphthalene, 1,6-...	13.60	10.8	ng/ul	344247	3	14.45	635442	20.0
Naphthalene, 2,3-...	13.76	20.5	ng/ul	649952	3	14.45	635442	20.0
Naphthalene, 1,3-...	14.00	6.9	ng/ul	219569	3	14.45	635442	20.0
2-Naphthalenecarb...	14.57	4.6	ng/ul	146547	3	14.45	635442	20.0
Naphthalene, 2,3,...	14.92	4.9	ng/ul	156914	3	14.45	635442	20.0
Naphthalene, 1,6,...	15.06	4.6	ng/ul	145311	3	14.45	635442	20.0
1,1'-Biphenyl, 2-...	15.66	9.4	ng/ul	299102	3	14.45	635442	20.0
Dibenzofuran, 4-m...	15.79	14.4	ng/ul	457142	3	14.45	635442	20.0
[1,1'-Biphenyl]-4...	15.93	21.0	ng/ul	752792	4	17.19	717318	20.0
9H-Fluorene, 2-me...	16.49	14.7	ng/ul	528295	4	17.19	717318	20.0
9H-Fluorene, 1-me...	16.54	3.7	ng/ul	133517	4	17.19	717318	20.0
8-Dimethylaminona...	16.92	7.1	ng/ul	255281	4	17.19	717318	20.0
Dibenzothiophene	17.01	19.5	ng/ul	699724	4	17.19	717318	20.0
Acridine	17.38	7.1	ng/ul	253688	4	17.19	717318	20.0
Dibenzo[a,e]cyclo...	17.71	5.8	ng/ul	206116	4	17.19	717318	20.0
Dibenzothiophene,...	17.76	4.8	ng/ul	173668	4	17.19	717318	20.0
Phenanthrene, 2-m...	18.06	20.2	ng/ul	723273	4	17.19	717318	20.0
4H-Cyclopenta[def...	18.26	41.5	ng/ul	1490080	4	17.19	717318	20.0
Anthracene, 1-met...	18.30	8.7	ng/ul	310967	4	17.19	717318	20.0
2-Phenylnaphthalene	18.56	12.9	ng/ul	462652	4	17.19	717318	20.0
Phenanthrene, 3,6...	18.86	3.8	ng/ul	137742	4	17.19	717318	20.0
Phenanthrene, 2,5...	18.98	9.1	ng/ul	326484	4	17.19	717318	20.0