LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

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-BN041919MA.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	6.769	637	643	650	rVV3	47352	92404	0.82%	0.113%
2	6.834	650	654	661	rVB	55066	82700	0.73%	0.101%
3	7.128	700	704	711	rVV2	48927	82906	0.73%	0.102%
4	7.252	719	725	734	rVV2	408984	716685	6.33%	0.879%
5	7.340	734	740	746	rVB	76492	121116	1.07%	0.149%
6	7.593	776	783	794	rBV	1004572	1601533	14.14%	1.964%
7	7.705	796	802	808	rVV	85319	132924	1.17%	0.163%
8	8.116	862	872	881	rBV	571195	946583	8.36%	1.161%
9	8.687	963	969	973	rVV2	79384	133052	1.17%	0.163%
10	8.740	973	978	987	rVV5	44964	115475	1.02%	0.142%
11	8.852	993	997	1005	rVV2	95186	191195	1.69%	0.234%
12	9.263	1062	1067	1074	rVB2	81764	135933	1.20%	0.167%
13	9.340	1074	1080	1085	rBV2	67401	102957	0.91%	0.126%
14	9.793	1147	1157	1162	rBV3	172539	426922	3.77%	0.523%
15	9.857	1162	1168	1172	rBV	159241	303434	2.68%	0.372%
16	9.987	1185	1190	1198	rVB3	41034	86539	0.76%	0.106%
17	10.352	1244	1252	1256	rVV	1461162	2558366	22.59%	3.137%
18	10.405	1256	1261	1270	rVV	7045445	11325642	100.00%	13.888%
19	10.516	1272	1280	1288	rVB4	93209	238569	2.11%	0.293%
20	11.799	1493	1498	1505	rVV	109292	185629	1.64%	0.228%
21	11.910	1514	1517	1528	rVB2	55958	100596	0.89%	0.123%
22	12.022	1528	1536	1546	rBV	6200664	10153802	89.65%	12.451%
23	12.246	1563	1574	1585	rBV	2792481	4486985	39.62%	5.502%
24	13.051	1705	1711	1721	rBV2	415962	720257	6.36%	0.883%
25	13.251	1738	1745	1756	rVB	351670	717625	6.34%	0.880%
26	13.381	1759	1767	1768	rBV	1004052	1227957	10.84%	1.506%
27	13.540	1785	1794	1800	rVV	1171053	2107869	18.61%	2.585%
28	13.598	1800	1804	1808	rVV	705487	1009270	8.91%	1.238%
29	13.640	1808	1811	1813	rVV	120883	173822	1.53%	0.213%
30	13.675	1813	1817	1824	rVV	404302	625706	5.52%	0.767%
31	13.781	1829	1835	1839	rVV	535668	841715	7.43%	1.032%
32	13.810	1839	1840	1846	rVB	142030	150029	1.32%	0.184%
33	13.946	1853	1863	1872	rBV3	943658	1668053	14.73%	2.045%
34	14.222	1901	1910	1917	rVV3	2021356	3532390	31.19%	4.331%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

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-BN041919MA.M
Title : SVOA CALIBRATION

35	14.287	1917	1921	1924	rVV2	166375	264480	2.34%	0.324%
36	14.322	1924	1927	1931	rVV	156576	211782	1.87%	0.260%
37	14.445	1942	1948	1956	rBV	148984	343564	3.03%	0.421%
38	14.528	1956	1962	1969	rVB3	67258	128668	1.14%	0.158%
39	14.628	1969	1979	1987	rBV	268871	524799	4.63%	0.644%
40	14.710	1987	1993	1998	rVB	205362	290920	2.57%	0.357%
41	14.840	2009	2015	2021	rBV4	202648	438219	3.87%	0.537%
42	14.904	2022	2026	2030	rVB	143089	185083	1.63%	0.227%
43	14.998	2038	2042	2044	rBV2	75326	104730	0.92%	0.128%
44	15.022	2044	2046	2050	rVV	88656	116545	1.03%	0.143%
45	15.104	2056	2060	2065	rVB2	146680	211311	1.87%	0.259%
46	15.169	2065	2071	2075	rBV3	67242	128664	1.14%	0.158%
47	15.222	2075	2080	2085	rVB2	321285	466502	4.12%	0.572%
48	15.281	2085	2090	2096	rBV	723597	1095406	9.67%	1.343%
49	15.404	2108	2111	2115	rVV4	79333	99350	0.88%	0.122%
50	15.504	2122	2128	2135	rVB8	41226	101863	0.90%	0.125%
51	15.575	2135	2140	2147	rBV2	103893	180486	1.59%	0.221%
52	15.728	2158	2166	2174	rVB4	65569	184403	1.63%	0.226%
53	15.969	2199	2207	2212	rBV6	59617	114894	1.01%	0.141%
54	16.287	2248	2261	2266	rBV2	170564	431151	3.81%	0.529%
55	16.334	2266	2269	2275	rVB	167149	245081	2.16%	0.301%
56	16.434	2282	2286	2293	rVB3	85824	146626	1.29%	0.180%
57	16.639	2317	2321	2328	rVB2	70505	118839	1.05%	0.146%
58	16.798	2343	2348	2357	rVB	139739	229828	2.03%	0.282%
59	16.981	2372	2379	2382	rBV	2514594	3688227	32.57%	4.523%
60	17.022	2382	2386	2392	rVV	2663823	3853886	34.03%	4.726%
61	17.075	2392	2395	2398	rVV2	196064	288731	2.55%	0.354%
62	17.110	2398	2401	2407	rVV	231284	321126	2.84%	0.394%
63	17.175	2408	2412	2417	rVB3	54127	91273	0.81%	0.112%
64	17.504	2464	2468	2472	rVB	74850	94252	0.83%	0.116%
65	17.563	2472	2478	2485	rVB3	89119	158686	1.40%	0.195%
66	17.704	2492	2502	2511	rVB5	46683	141521	1.25%	0.174%
67	17.857	2522	2528	2532	rVV	588917	841052	7.43%	1.031%
68	17.904	2532	2536	2545	rVV	658100	962389	8.50%	1.180%
69	17.986	2546	2550	2554	rVV	60681	98168	0.87%	0.120%
70	18.051	2554	2561	2564	rVV2	468031	818089	7.22%	1.003%
71	18.086	2564	2567	2577	rVB	312554	458894	4.05%	0.563%

LSC Area Percent Report

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Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

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-BN041919MA.M
Title : SVOA CALIBRATION

72	18.369	2609	2615	2618	rVV	234866	353280	3.12%	0.433%
73	18.404	2618	2621	2633	rVB2	152167	258089	2.28%	0.316%
74	18.616	2654	2657	2661	rVV3	70782	98107	0.87%	0.120%
75	18.792	2677	2687	2691	rBV2	155206	286488	2.53%	0.351%
76	18.845	2691	2696	2700	rBV3	81979	157242	1.39%	0.193%
77	18.881	2700	2702	2706	rVB	79823	83441	0.74%	0.102%
78	18.928	2706	2710	2712	rBV2	60917	88953	0.79%	0.109%
79	19.051	2724	2731	2738	rBV	602943	876470	7.74%	1.075%
80	19.128	2740	2744	2747	rBV	54522	81463	0.72%	0.100%
81	19.204	2753	2757	2762	rVV	200190	276687	2.44%	0.339%
82	19.257	2762	2766	2771	rVV4	66233	104776	0.93%	0.128%
83	19.386	2783	2788	2789	rVV	262090	298994	2.64%	0.367%
84	19.416	2789	2793	2804	rVV	902576	1384373	12.22%	1.698%
85	19.751	2845	2850	2857	rBV4	94258	199096	1.76%	0.244%
86	19.892	2868	2874	2876	rVV5	81696	153339	1.35%	0.188%
87	19.922	2876	2879	2884	rVB	176262	240151	2.12%	0.294%
88	20.028	2893	2897	2903	rVV	118883	182225	1.61%	0.223%
89	20.080	2903	2906	2911	rVB	116170	151923	1.34%	0.186%
90	20.222	2926	2930	2934	rBV	84691	113044	1.00%	0.139%
91	20.269	2934	2938	2943	rVB	109440	150365	1.33%	0.184%
92	20.686	3006	3009	3015	rVB5	60476	102149	0.90%	0.125%
93	20.986	3056	3060	3066	rVB2	49455	91461	0.81%	0.112%
94	21.204	3090	3097	3101	rBV	3360670	4761229	42.04%	5.838%
95	21.239	3101	3103	3114	rVB	334444	475403	4.20%	0.583%
96	21.757	3188	3191	3195	rVB	89335	104120	0.92%	0.128%
97	21.816	3198	3201	3206	rVB4	92955	123759	1.09%	0.152%
98	22.774	3356	3364	3370	rVB4	160517	449440	3.97%	0.551%
99	23.257	3442	3446	3450	rBV	149462	232399	2.05%	0.285%
100	23.398	3463	3470	3482	rBV	2426219	4397926	38.83%	5.393%

Sum of corrected areas: 81552520

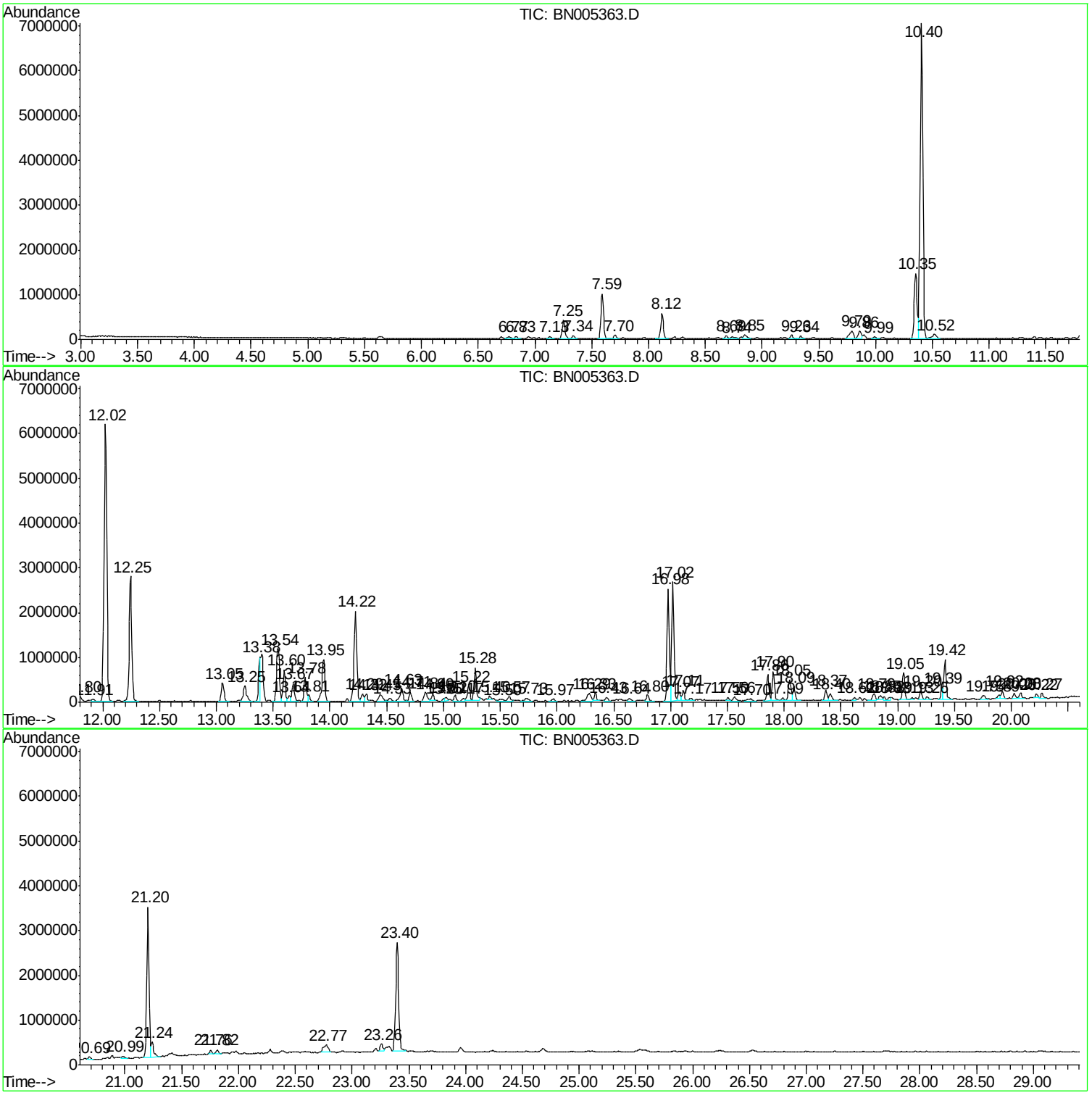
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

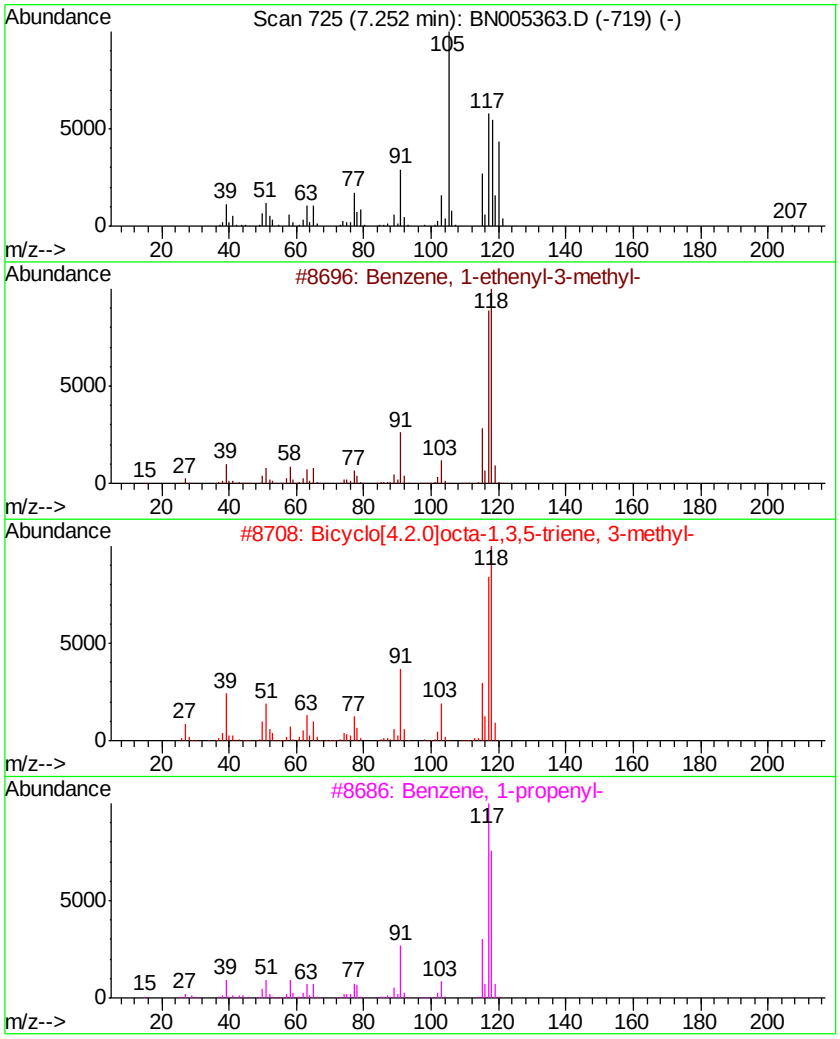
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

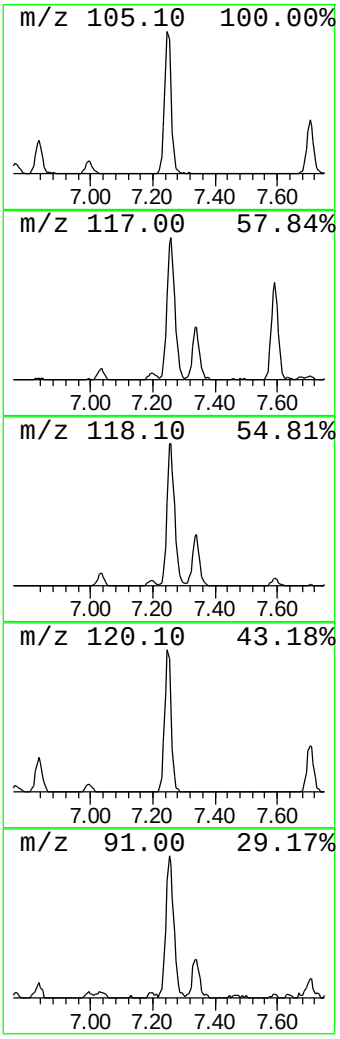
****

Peak Number 1 Benzene, 1-ethenyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	8.95 ng/ul	716685	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	50
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	50
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

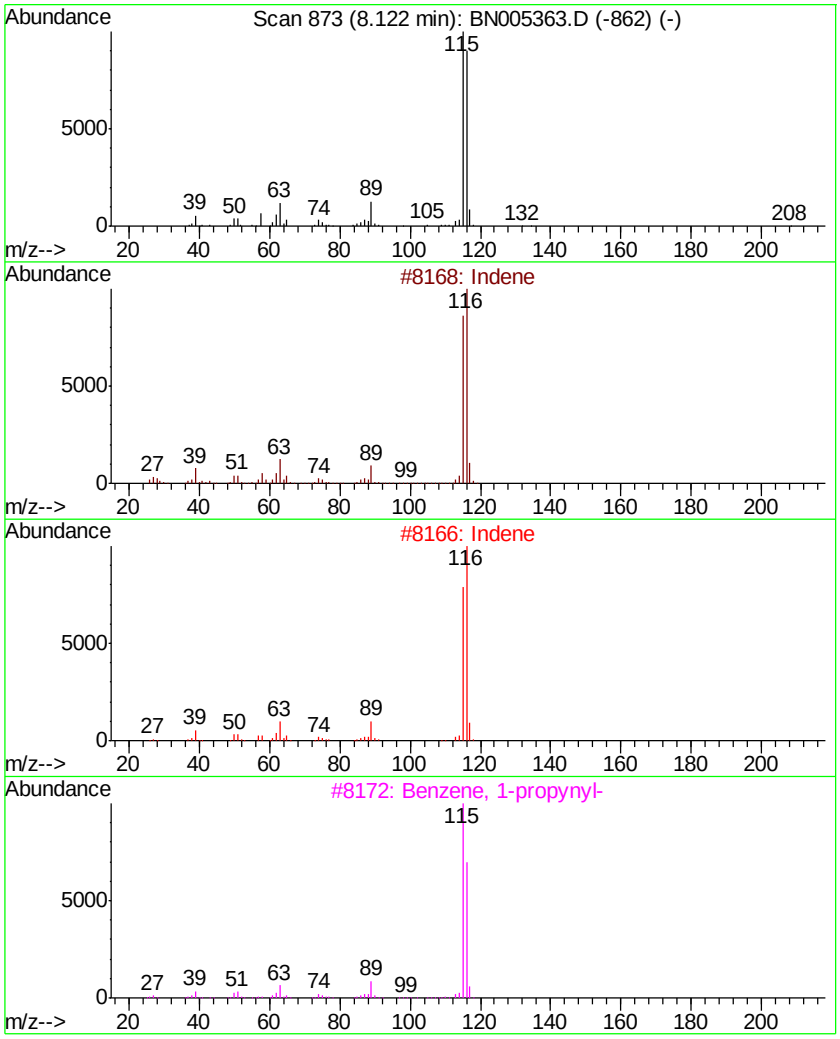
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

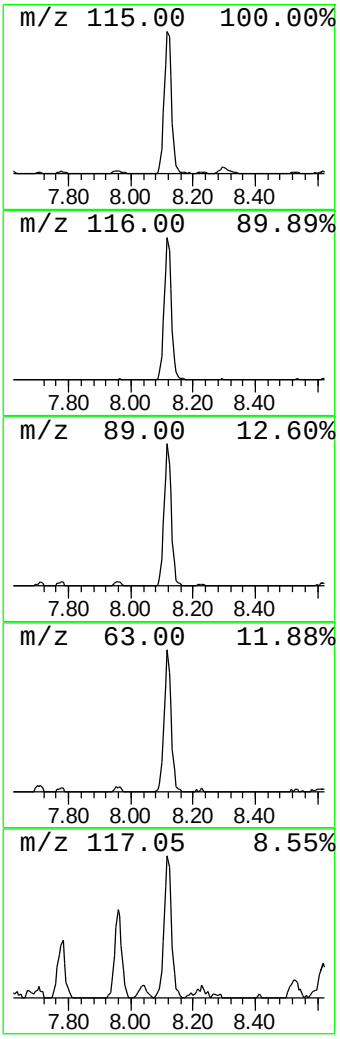
****

Peak Number 2 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	11.82 ng/ul	946583	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	Indene	116	C9H8	000095-13-6	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

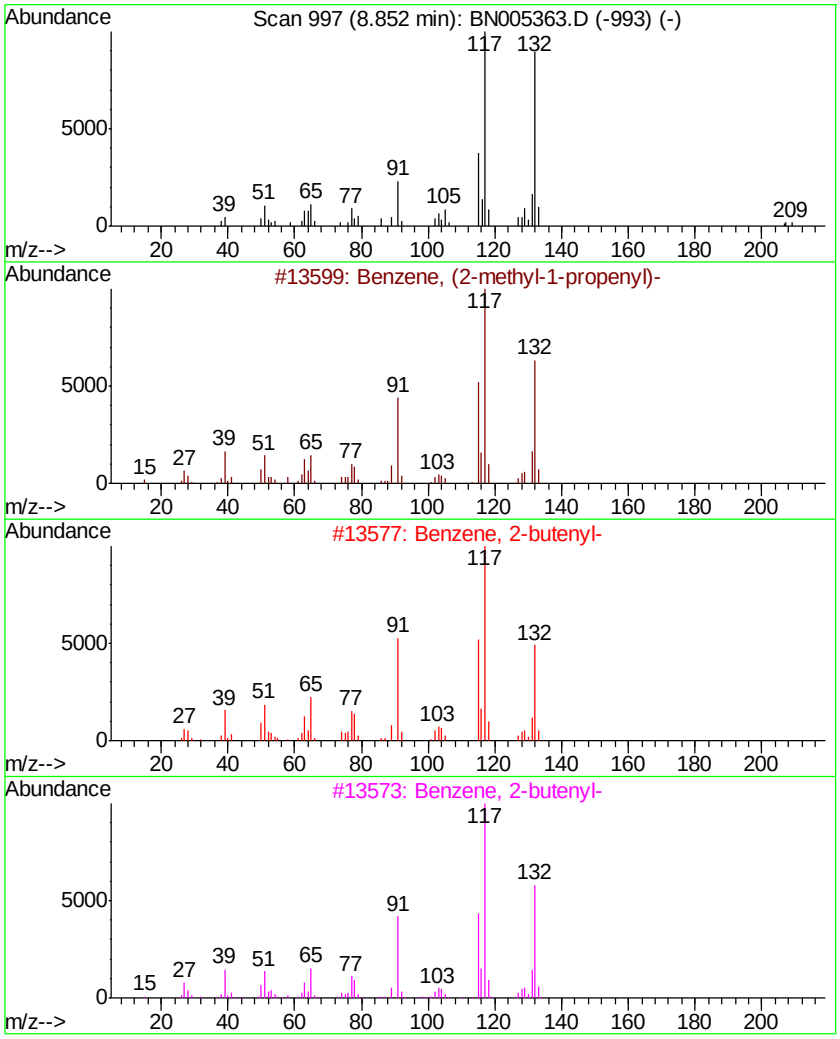
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

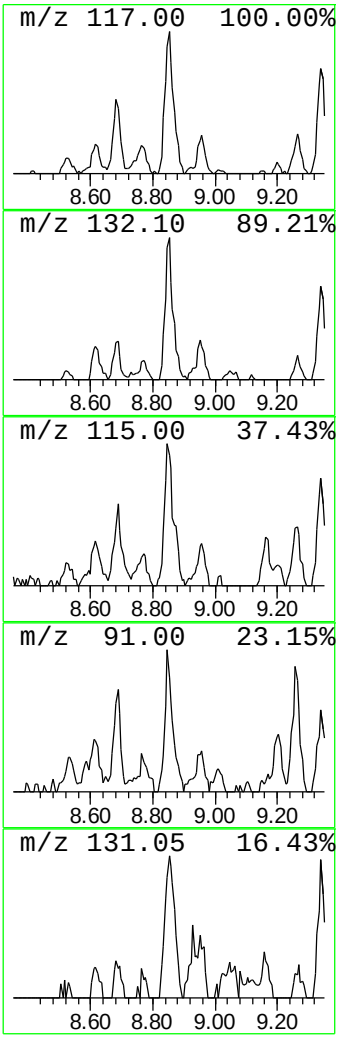
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (2-methyl-1-propen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	2.39 ng/ul	191195	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

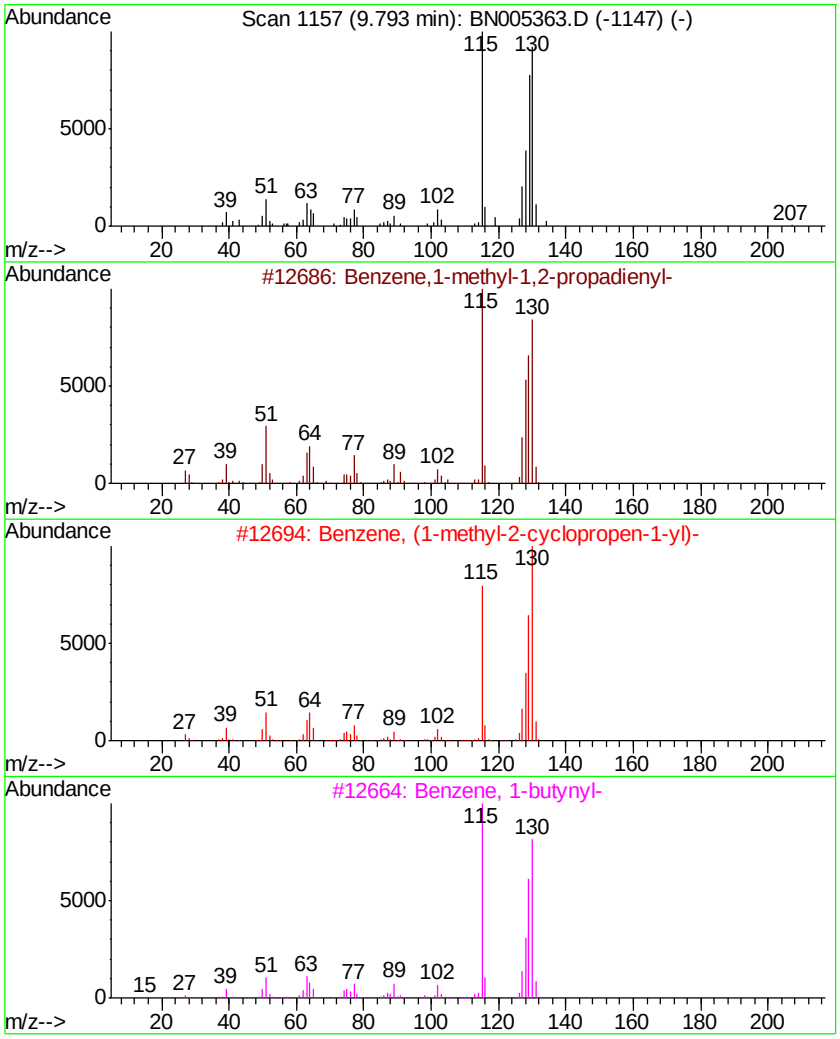
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

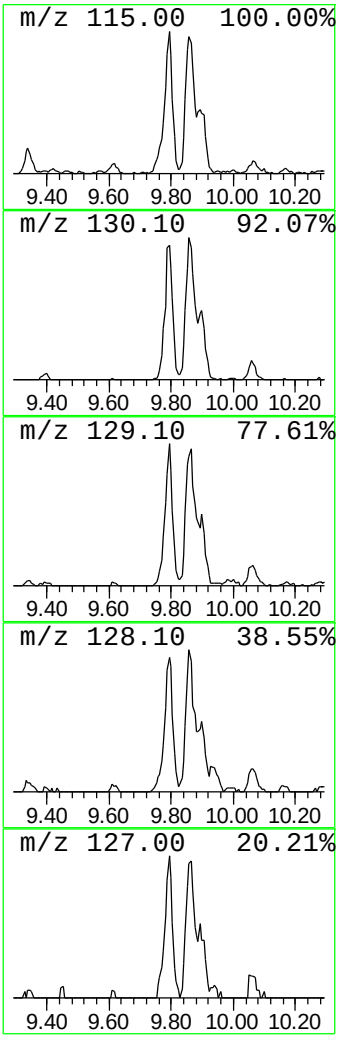
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene,1-methyl-1,2-propad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.34 ng/ul	426922	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91
4	2-Methylindene	130	C10H10	002177-47-1	91
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

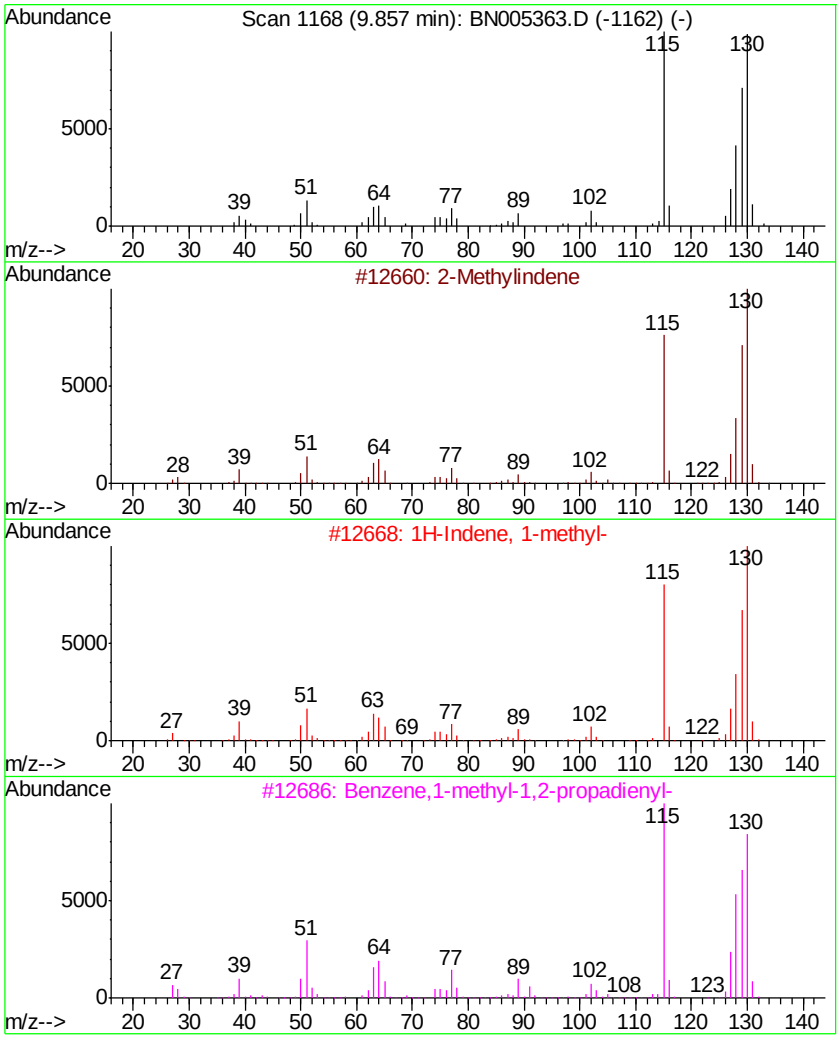
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

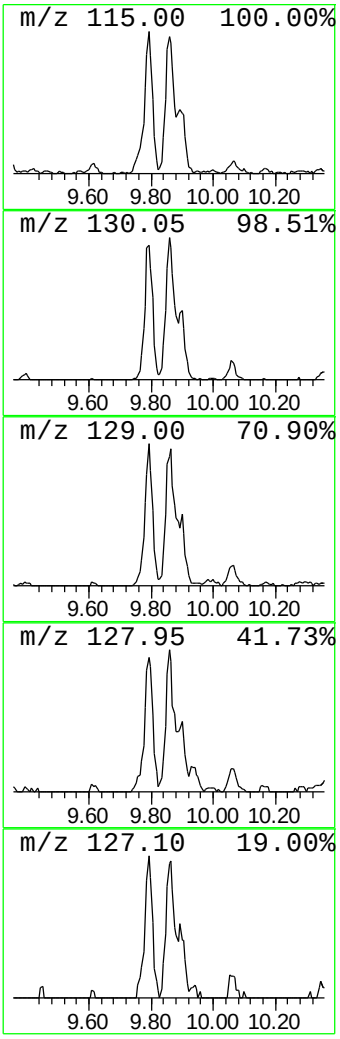
****

Peak Number 5 2-Methylindene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.37 ng/ul	303434	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





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Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

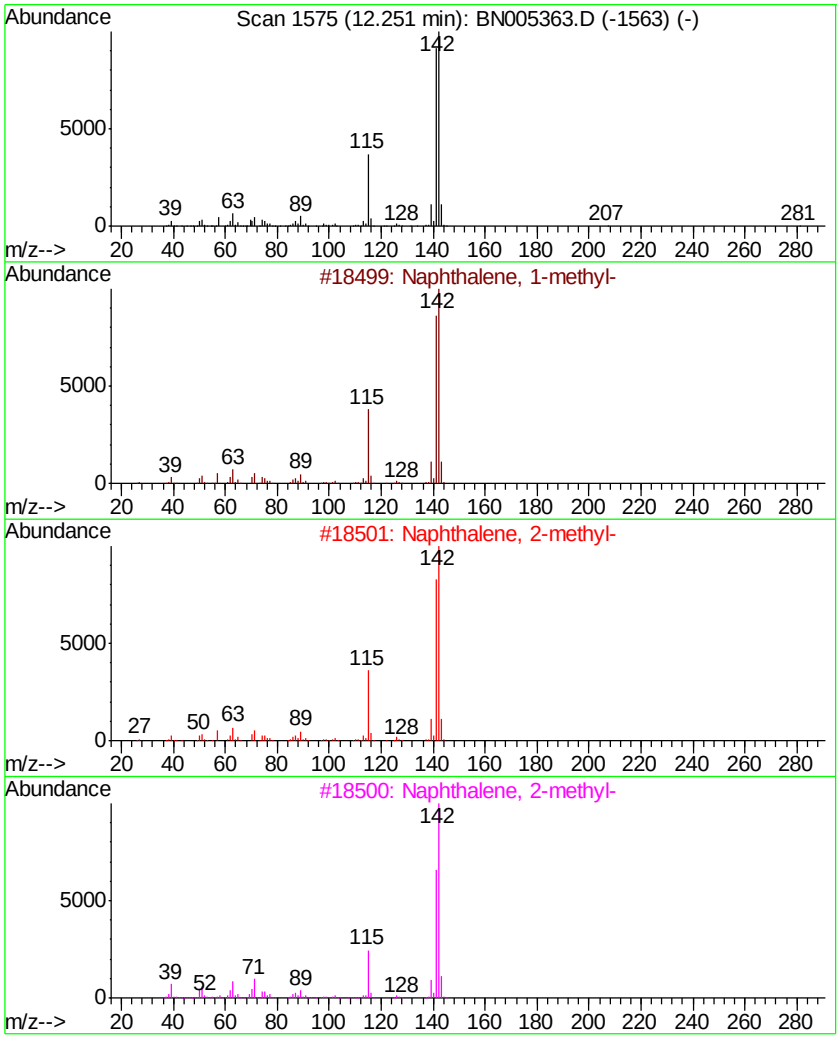
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

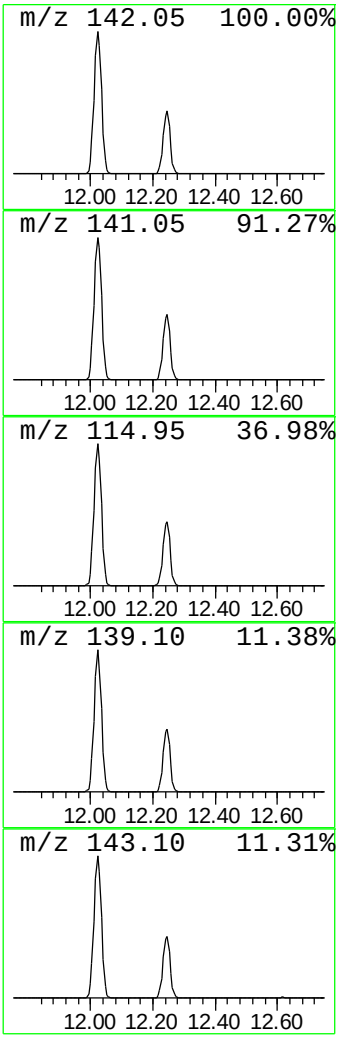
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	35.08 ng/ul	4486990	Naphthalene-d8	10.35

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





Library Search Compound Report

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Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

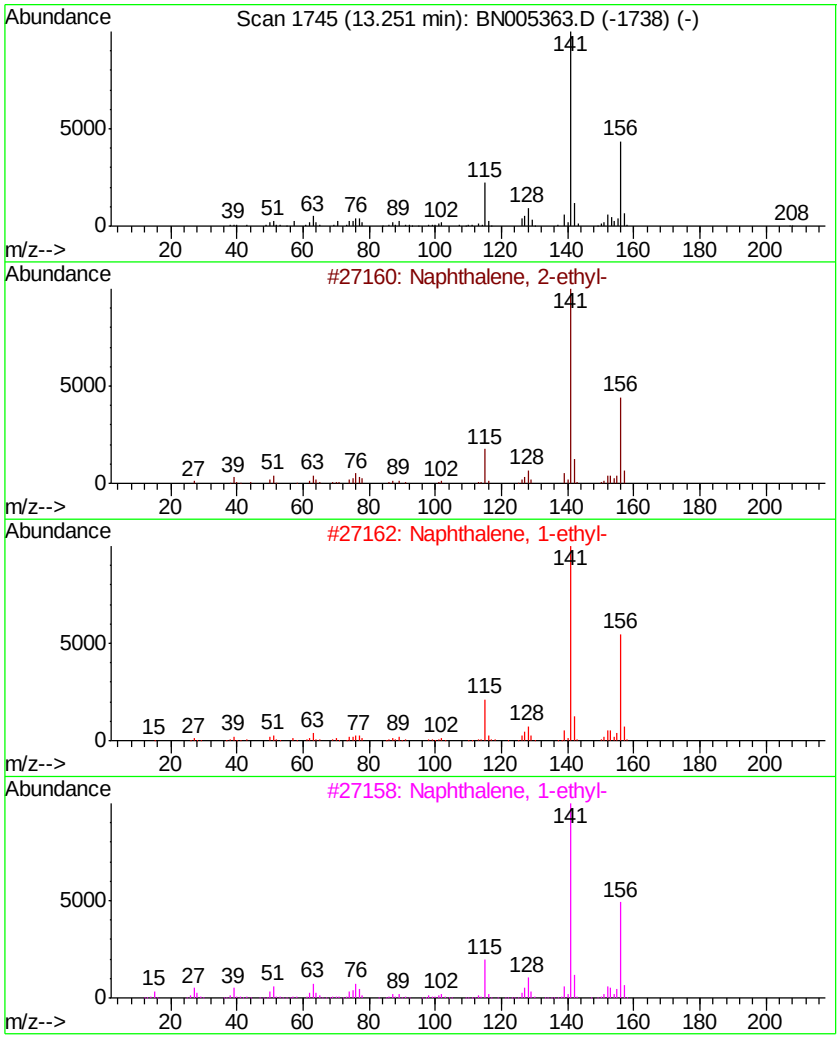
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

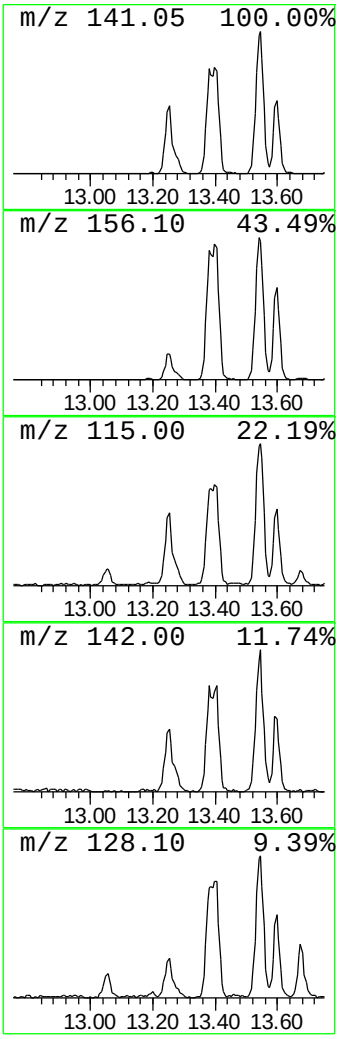
****

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.06 ng/ul	717625	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95





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Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

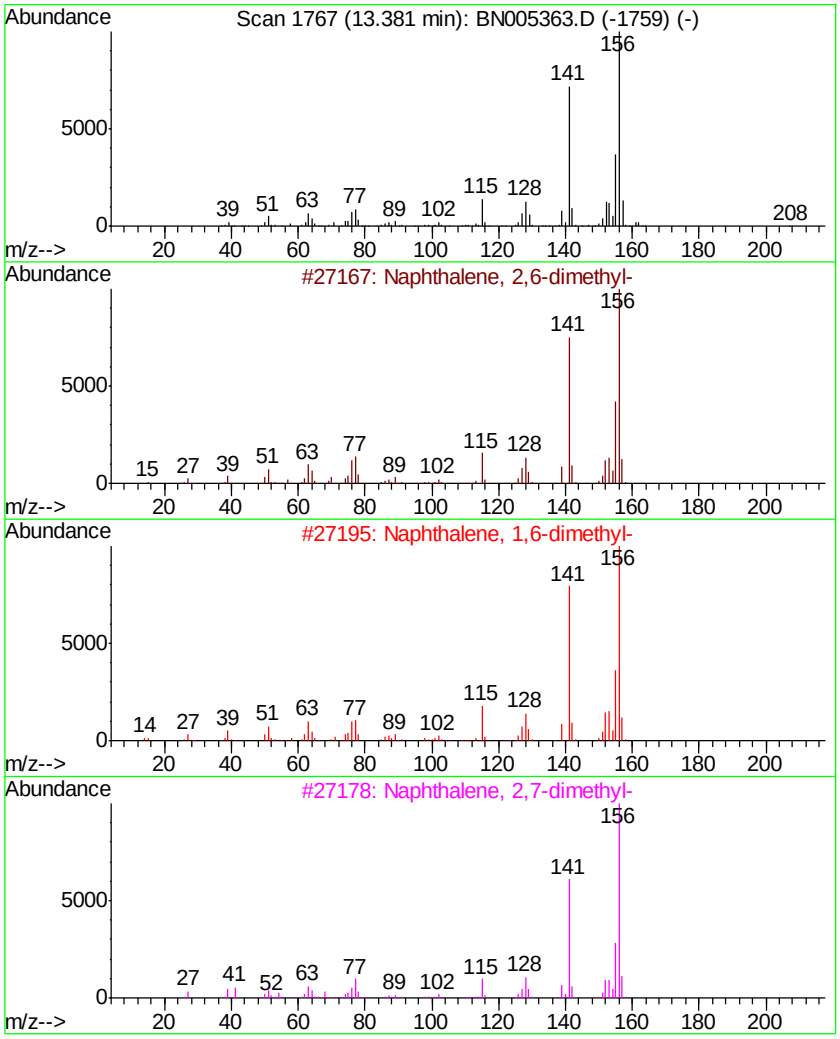
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

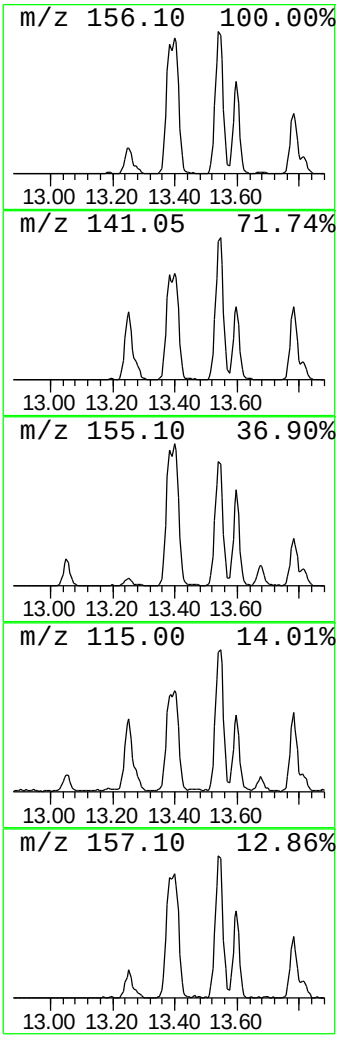
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.95 ng/ul	1227960	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

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Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

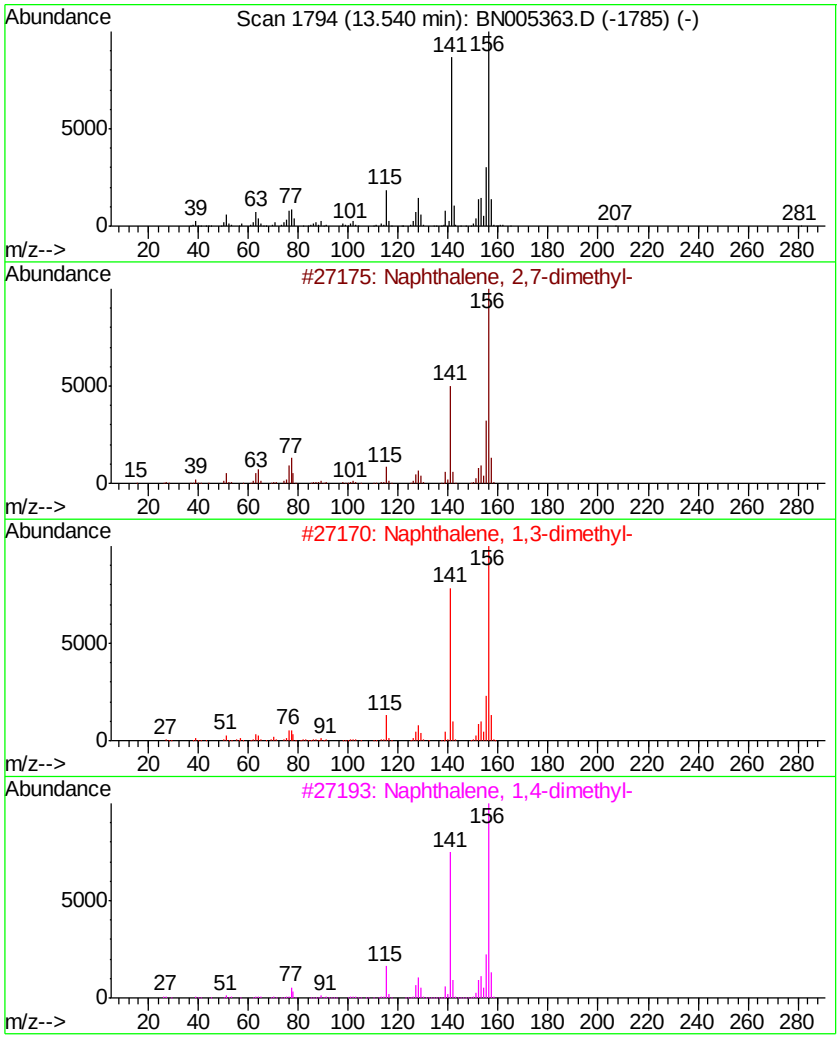
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

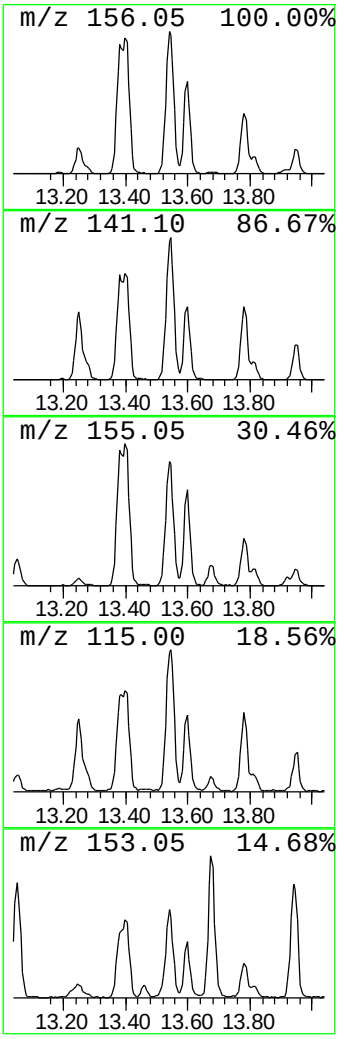
****

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	11.93 ng/ul	2107870	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

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Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

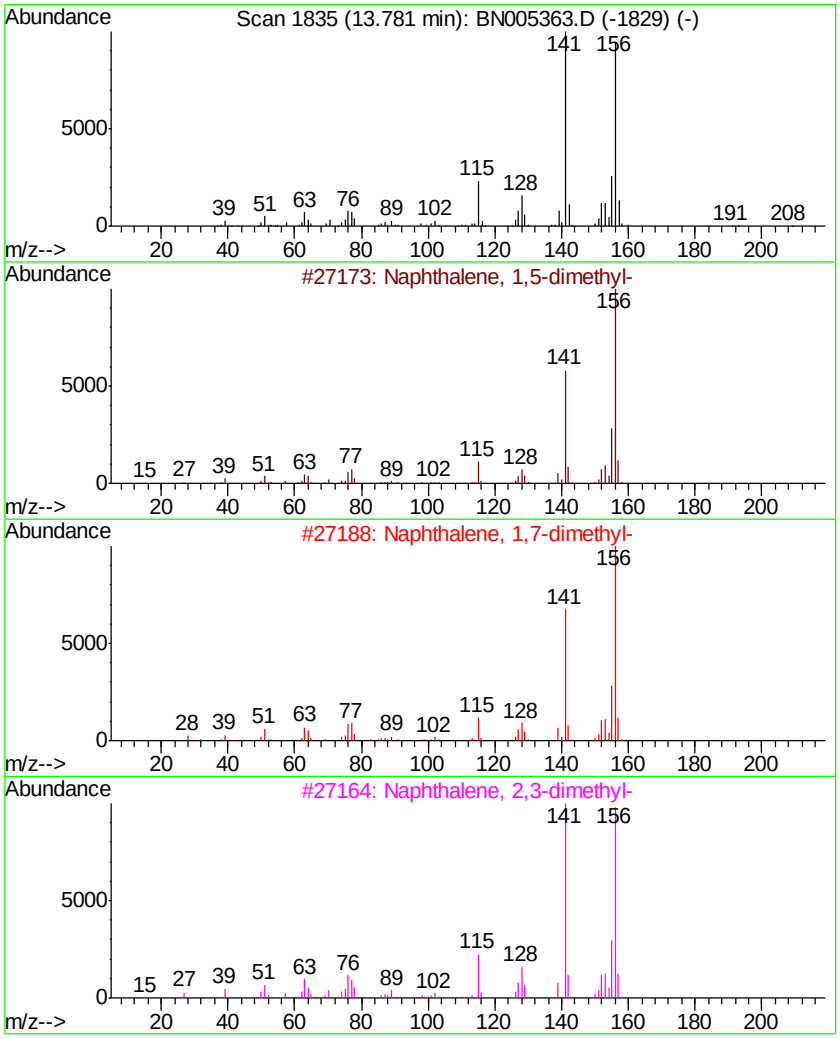
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

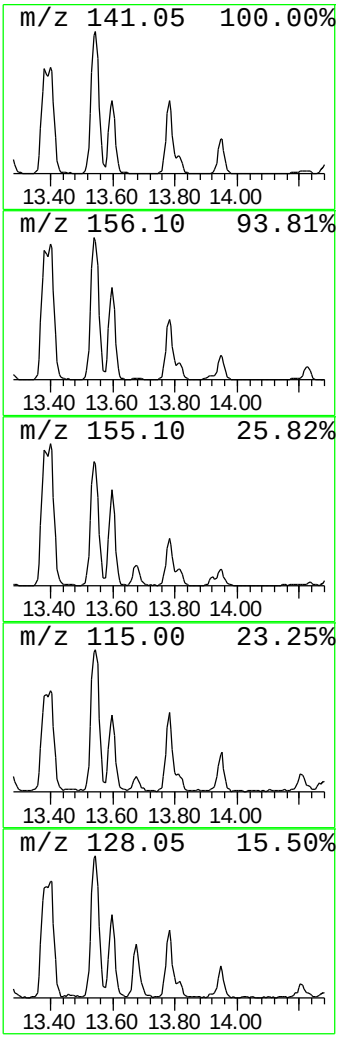
****

Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.77 ng/ul	841715	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

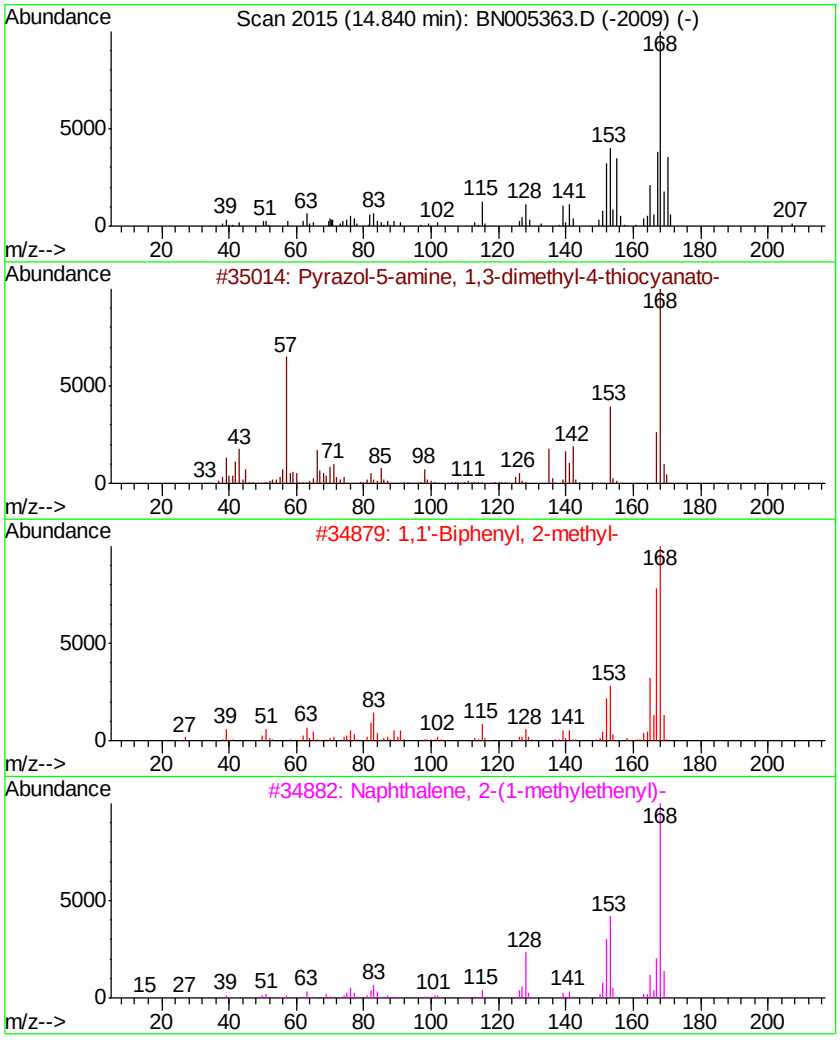
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

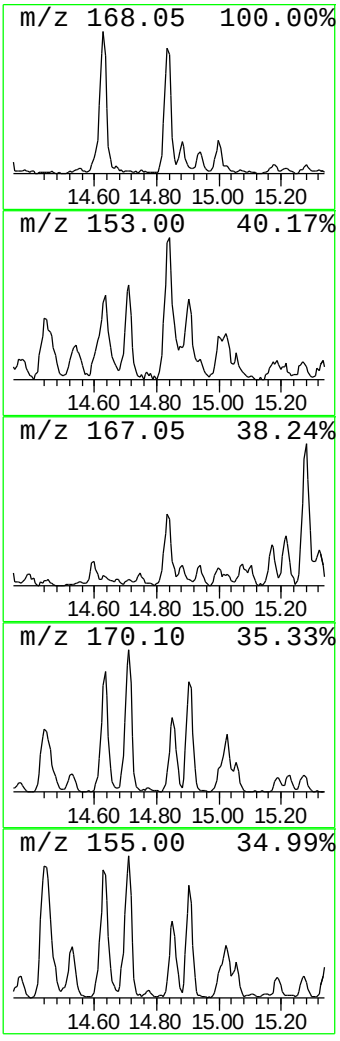
****

Peak Number 11 Pyrazol-5-amine, 1,3-dimeth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.48 ng/ul	438219	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazol-5-amine, 1,3-dimethyl-4-...	168	C6H8N4S	019688-92-7	53
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	52
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	43





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Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

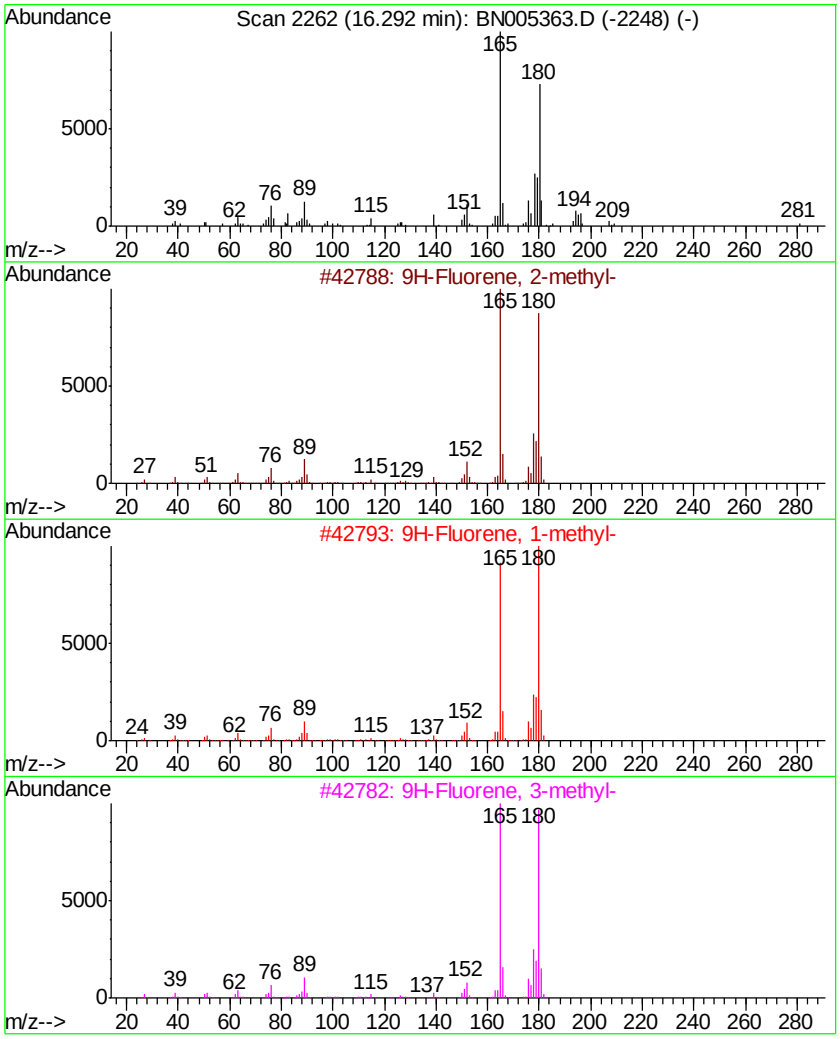
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

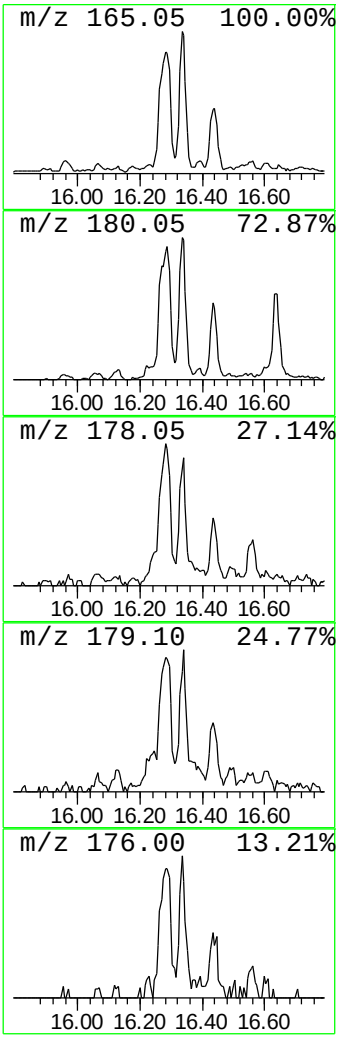
****

Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.34 ng/ul	431151	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





Library Search Compound Report

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Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

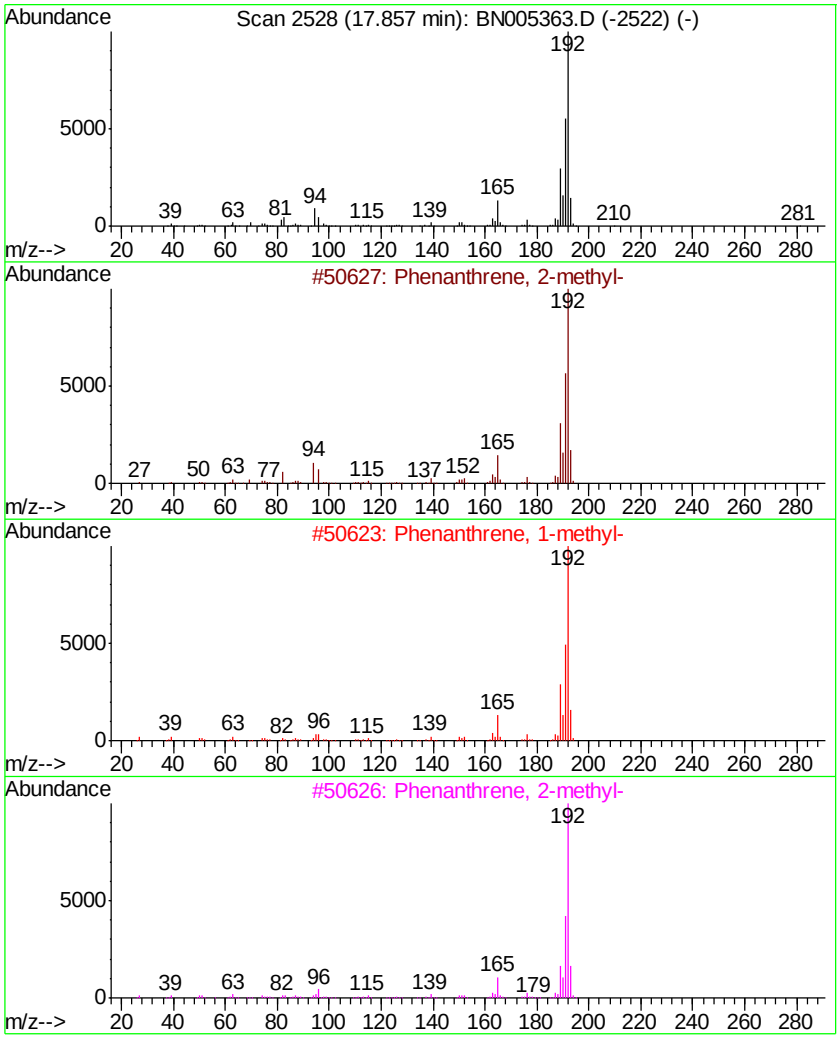
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

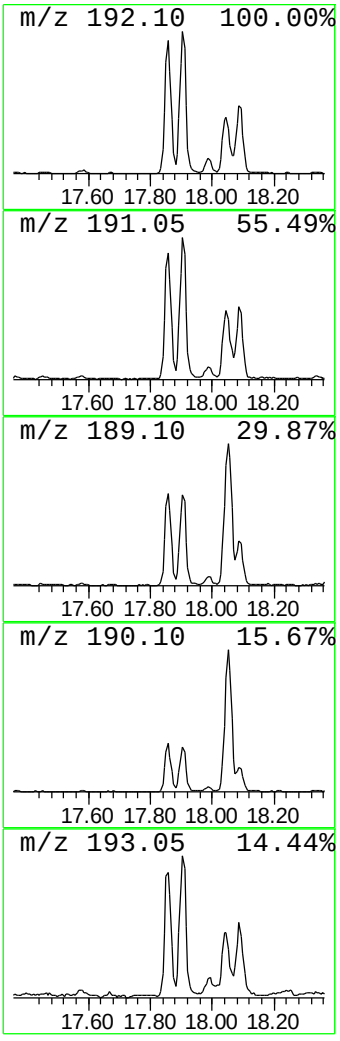
****

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.56 ng/ul	841052	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Library Search Compound Report

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Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

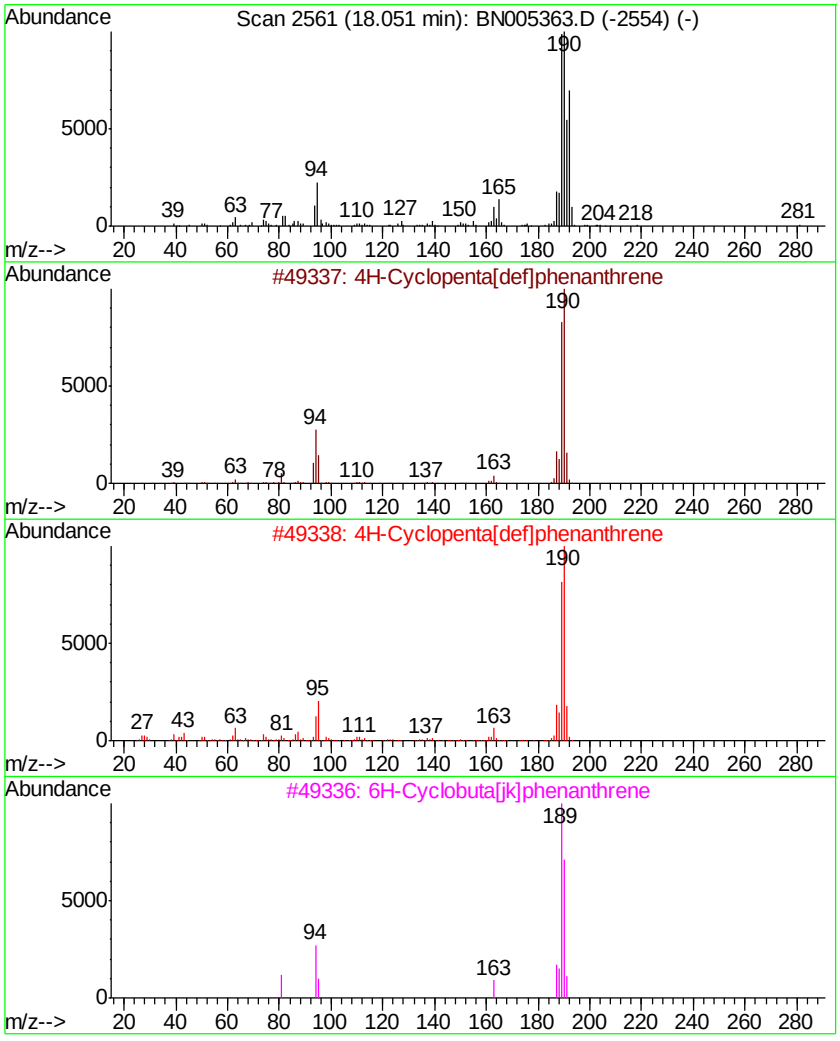
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

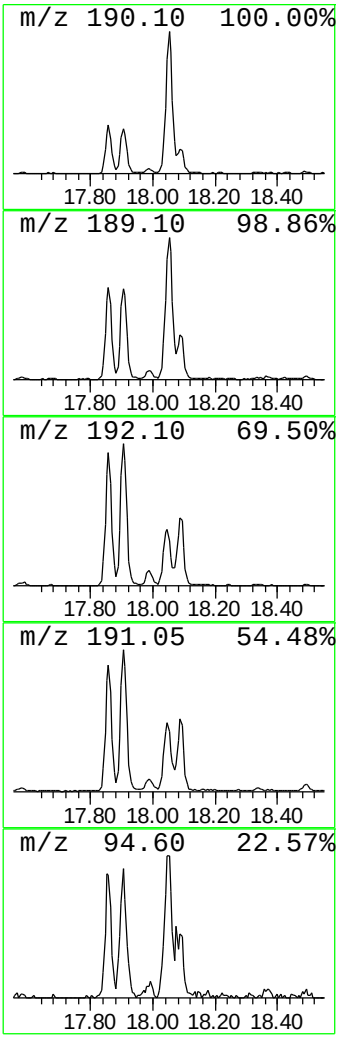
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.44 ng/ul	818089	Phenanthrene-d10	16.98

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	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





Library Search Compound Report

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Data File : BN005363.D
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Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

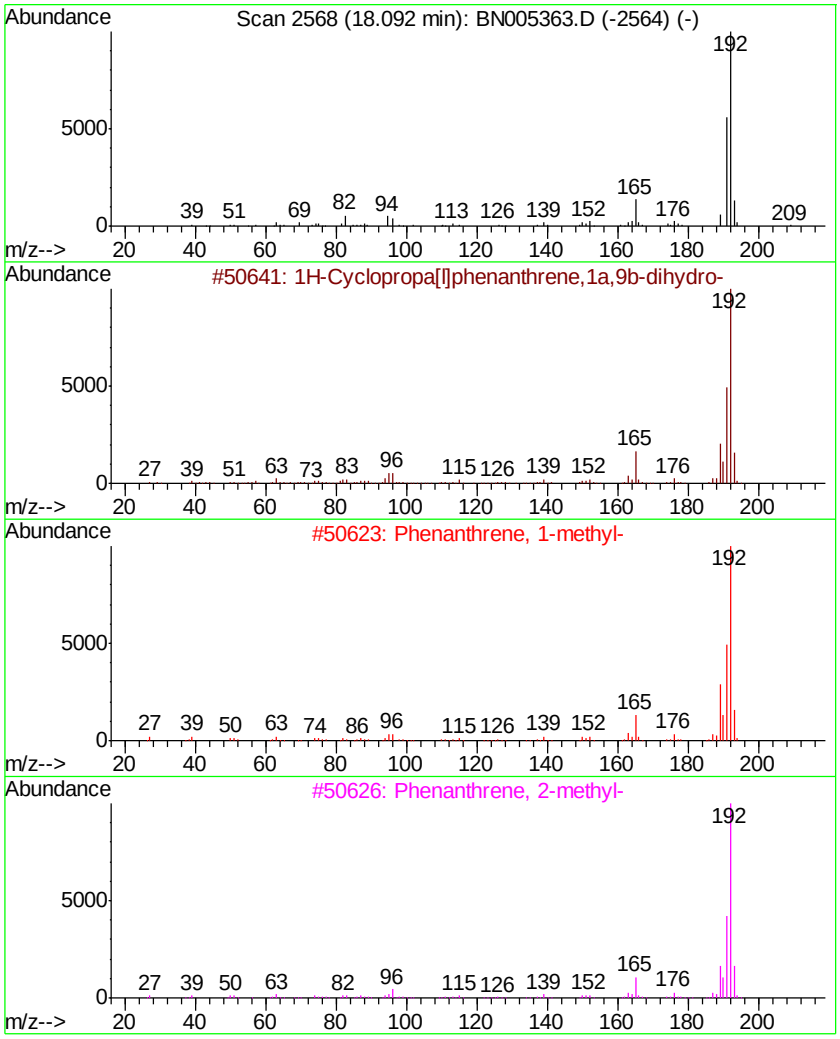
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

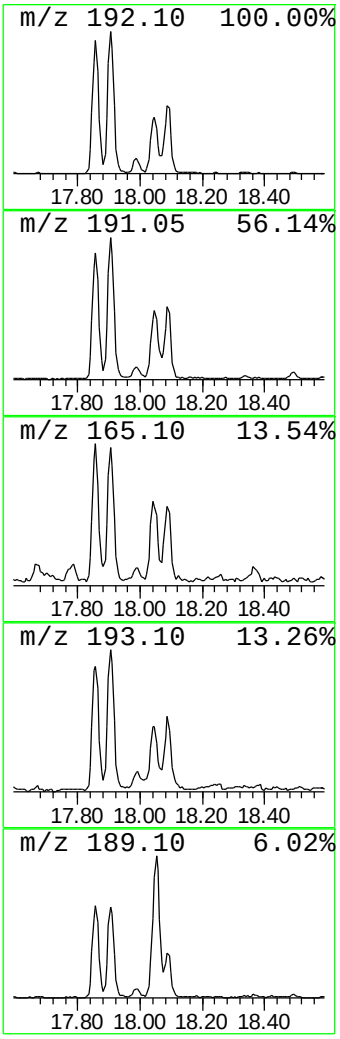
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.49 ng/ul	458894	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ4MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
Benzene, 1-etheny...	7.25	8.9	ng/ul	716685	1	7.59	1601530	20.0
Indene	8.12	11.8	ng/ul	946583	1	7.59	1601530	20.0
Benzene, (2-methy...	8.85	2.4	ng/ul	191195	1	7.59	1601530	20.0
Benzene,1-methyl-...	9.79	3.3	ng/ul	426922	2	10.35	2558370	20.0
2-Methylindene	9.86	2.4	ng/ul	303434	2	10.35	2558370	20.0
Naphthalene, 1-me...	12.25	35.1	ng/ul	4486990	2	10.35	2558370	20.0
Naphthalene, 2-et...	13.25	4.1	ng/ul	717625	3	14.22	3532390	20.0
Naphthalene, 2,6-...	13.38	7.0	ng/ul	1227960	3	14.22	3532390	20.0
Naphthalene, 2,7-...	13.54	11.9	ng/ul	2107870	3	14.22	3532390	20.0
Naphthalene, 1,5-...	13.78	4.8	ng/ul	841715	3	14.22	3532390	20.0
Pyrazol-5-amine, ...	14.84	2.5	ng/ul	438219	3	14.22	3532390	20.0
9H-Fluorene, 2-me...	16.29	2.3	ng/ul	431151	4	16.98	3688230	20.0
Phenanthrene, 2-m...	17.86	4.6	ng/ul	841052	4	16.98	3688230	20.0
4H-Cyclopenta[def...	18.05	4.4	ng/ul	818089	4	16.98	3688230	20.0
1H-Cyclopropa[l]p...	18.09	2.5	ng/ul	458894	4	16.98	3688230	20.0