LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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	5.293	387	392	401	rBV2	52189	100784	1.26%	0.139%
2	6.705	627	632	637	rBV	71539	101760	1.27%	0.140%
3	6.769	637	643	650	rVV2	72844	151381	1.89%	0.208%
4	7.134	699	705	711	rVV	61691	104279	1.30%	0.143%
5	7.252	719	725	733	rVV2	296412	527004	6.58%	0.725%
6	7.340	733	740	748	rVB2	61848	95231	1.19%	0.131%
7	7.593	776	783	793	rBV	1095654	1755394	21.92%	2.415%
8	8.116	868	872	880	rVB	152215	265934	3.32%	0.366%
9	8.299	897	903	910	rVB	54684	100661	1.26%	0.138%
10	8.687	963	969	973	rBV2	57377	84892	1.06%	0.117%
11	8.740	973	978	982	rBV	51648	93203	1.16%	0.128%
12	8.852	993	997	1006	rVV	95574	180856	2.26%	0.249%
13	9.263	1061	1067	1074	rVB3	57456	101993	1.27%	0.140%
14	9.340	1074	1080	1085	rBV	80668	125812	1.57%	0.173%
15	9.451	1094	1099	1106	rVV3	41761	86576	1.08%	0.119%
16	9.793	1147	1157	1163	rBV2	279951	604492	7.55%	0.832%
17	9.857	1163	1168	1172	rVV	211946	360450	4.50%	0.496%
18	9.899	1172	1175	1180	rVV2	85741	136400	1.70%	0.188%
19	9.987	1184	1190	1197	rVB3	55249	112773	1.41%	0.155%
20	10.351	1244	1252	1256	rBV	1564910	2651470	33.10%	3.647%
21	10.404	1256	1261	1271	rVV	4767557	8009641	100.00%	11.018%
22	10.516	1271	1280	1288	rVV5	71808	219883	2.75%	0.302%
23	11.398	1417	1430	1433	rBV	64221	161879	2.02%	0.223%
24	11.440	1433	1437	1445	rVV4	43496	114037	1.42%	0.157%
25	11.546	1450	1455	1460	rVB	56164	93279	1.16%	0.128%
26	11.675	1468	1477	1484	rBV5	32096	91010	1.14%	0.125%
27	11.804	1494	1499	1506	rVV2	74190	145539	1.82%	0.200%
28	11.875	1506	1511	1515	rVV2	53487	100924	1.26%	0.139%
29	11.910	1515	1517	1526	rVB3	46262	90845	1.13%	0.125%
30	12.022	1526	1536	1547	rBV	4446176	7138789	89.13%	9.820%
31	12.245	1562	1574	1585	rBV	2027176	3331329	41.59%	4.583%
32	13.051	1705	1711	1725	rVB2	310280	531285	6.63%	0.731%
33	13.251	1738	1745	1757	rVB	248281	541082	6.76%	0.744%
34	13.381	1760	1767	1769	rBV	712283	1104729	13.79%	1.520%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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	13.540	1786	1794	1800	rBV	885403	1565860	19.55%	2.154%
36	13.598	1800	1804	1808	rVV	489168	648934	8.10%	0.893%
37	13.640	1808	1811	1813	rVV	101189	125351	1.57%	0.172%
38	13.675	1813	1817	1830	rVB	599303	900570	11.24%	1.239%
39	13.781	1830	1835	1839	rBV	423441	630149	7.87%	0.867%
40	13.945	1851	1863	1873	rBV2	1130211	2088762	26.08%	2.873%
41	14.228	1901	1911	1917	rVV3	2122837	3574948	44.63%	4.918%
42	14.287	1917	1921	1924	rVV2	147241	219858	2.74%	0.302%
43	14.322	1924	1927	1932	rVV	114847	159648	1.99%	0.220%
44	14.445	1942	1948	1956	rBV	103991	234600	2.93%	0.323%
45	14.634	1970	1980	1987	rBV4	213310	457664	5.71%	0.630%
46	14.710	1987	1993	1997	rVB	173941	235674	2.94%	0.324%
47	14.834	2007	2014	2020	rBV2	281745	555147	6.93%	0.764%
48	14.904	2023	2026	2029	rVV	121619	155718	1.94%	0.214%
49	15.004	2038	2043	2044	rBV2	87775	122463	1.53%	0.168%
50	15.104	2055	2060	2066	rVB	216308	326504	4.08%	0.449%
51	15.175	2066	2072	2075	rBV3	56011	110940	1.39%	0.153%
52	15.222	2075	2080	2085	rVB2	408699	584408	7.30%	0.804%
53	15.281	2085	2090	2102	rBV	637442	1065957	13.31%	1.466%
54	15.486	2120	2125	2130	rBV2	60497	118692	1.48%	0.163%
55	15.581	2135	2141	2144	rBV2	89248	151102	1.89%	0.208%
56	15.692	2155	2160	2164	rBV	209322	319279	3.99%	0.439%
57	15.733	2164	2167	2173	rVB3	61279	115400	1.44%	0.159%
58	15.969	2201	2207	2210	rBV5	63531	114008	1.42%	0.157%
59	16.281	2254	2260	2266	rVV3	161134	396714	4.95%	0.546%
60	16.333	2266	2269	2275	rVB	159235	226254	2.82%	0.311%
61	16.433	2282	2286	2292	rVB3	85438	137367	1.72%	0.189%
62	16.645	2318	2322	2328	rVB2	90130	132840	1.66%	0.183%
63	16.798	2340	2348	2352	rBV	141484	224353	2.80%	0.309%
64	16.980	2372	2379	2382	rBV2	2631367	3760525	46.95%	5.173%
65	17.022	2382	2386	2391	rVV	2346806	3274482	40.88%	4.505%
66	17.075	2391	2395	2398	rVV	250458	397940	4.97%	0.547%
67	17.110	2398	2401	2407	rVV	459949	672899	8.40%	0.926%
68	17.180	2409	2413	2418	rVV4	69006	134479	1.68%	0.185%
69	17.563	2474	2478	2485	rVB2	68675	116282	1.45%	0.160%
70	17.857	2523	2528	2532	rBV	527088	704954	8.80%	0.970%
71	17.904	2532	2536	2545	rVV	576344	860558	10.74%	1.184%

LSC Area Percent Report

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Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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	17.986	2546	2550	2555	rVV	160315	243140	3.04%	0.334%
73	18.051	2555	2561	2565	rVV2	440547	804698	10.05%	1.107%
74	18.092	2565	2568	2573	rVB	258646	349494	4.36%	0.481%
75	18.369	2610	2615	2620	rBV	197630	266170	3.32%	0.366%
76	18.616	2654	2657	2661	rBV2	62975	95243	1.19%	0.131%
77	18.669	2663	2666	2669	rVB2	76154	97681	1.22%	0.134%
78	18.786	2681	2686	2691	rBV2	188625	295391	3.69%	0.406%
79	18.851	2692	2697	2700	rVV3	95227	186631	2.33%	0.257%
80	18.880	2700	2702	2706	rVB	91408	110944	1.39%	0.153%
81	19.051	2726	2731	2737	rBV	535789	777807	9.71%	1.070%
82	19.127	2740	2744	2747	rVV3	62093	108347	1.35%	0.149%
83	19.157	2747	2749	2753	rVV5	48639	83911	1.05%	0.115%
84	19.204	2753	2757	2764	rVB	275790	389726	4.87%	0.536%
85	19.392	2784	2789	2790	rBV2	305052	398501	4.98%	0.548%
86	19.416	2790	2793	2803	rVB	773775	1164985	14.54%	1.603%
87	19.751	2847	2850	2861	rVB4	80303	149844	1.87%	0.206%
88	19.892	2870	2874	2876	rBV3	78424	123207	1.54%	0.169%
89	19.927	2876	2880	2885	rVB2	197026	289357	3.61%	0.398%
90	20.027	2893	2897	2900	rBV2	187723	243964	3.05%	0.336%
91	20.086	2903	2907	2911	rVV2	115093	162536	2.03%	0.224%
92	20.274	2935	2939	2945	rVB2	104158	166448	2.08%	0.229%
93	21.210	3091	3098	3102	rBV	3249720	4752039	59.33%	6.537%
94	21.245	3102	3104	3108	rVB	218205	247631	3.09%	0.341%
95	22.286	3278	3281	3288	rVB2	213810	326440	4.08%	0.449%
96	22.786	3363	3366	3373	rVB	222588	376426	4.70%	0.518%
97	23.268	3445	3448	3452	rBV	147913	205828	2.57%	0.283%
98	23.410	3465	3472	3483	rBV2	2354358	4484212	55.99%	6.169%
99	23.968	3564	3567	3575	rVB	215359	385939	4.82%	0.531%
100	24.698	3687	3691	3699	rVB2	186643	369670	4.62%	0.509%

Sum of corrected areas: 72693089

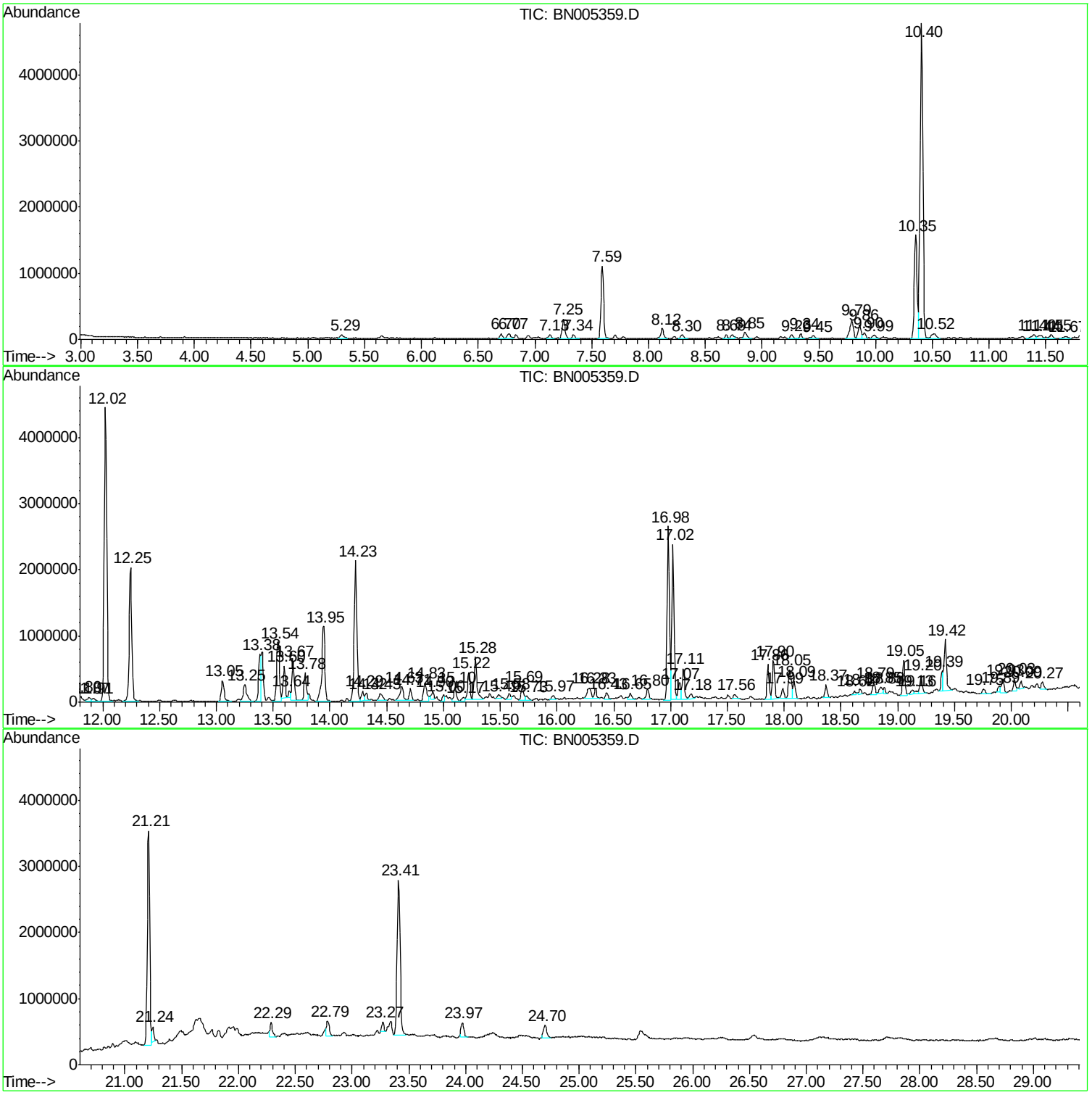
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

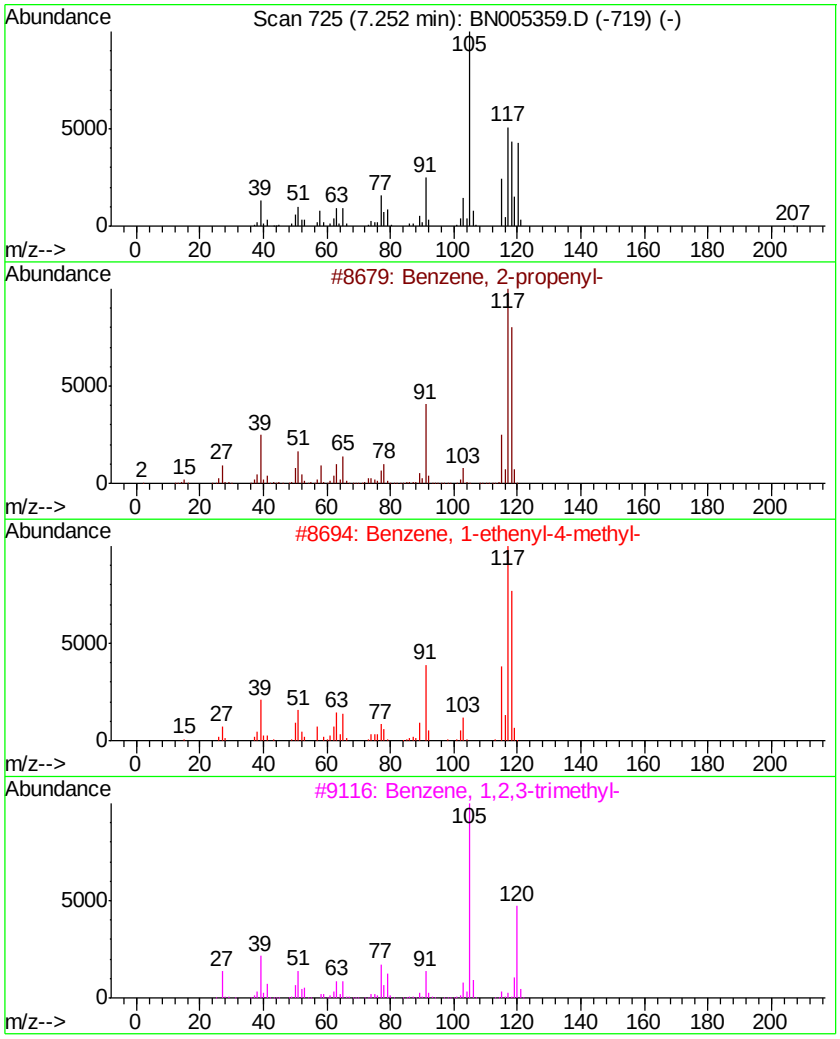
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

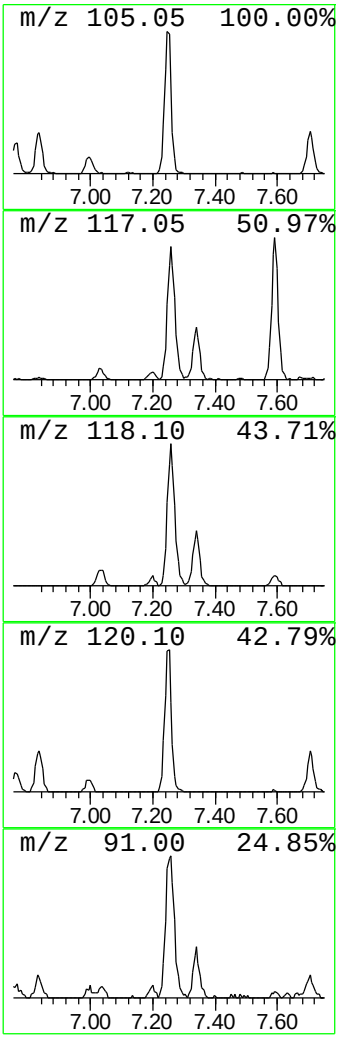
****

Peak Number 1 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	6.00 ng/ul	527004	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	46
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	46
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

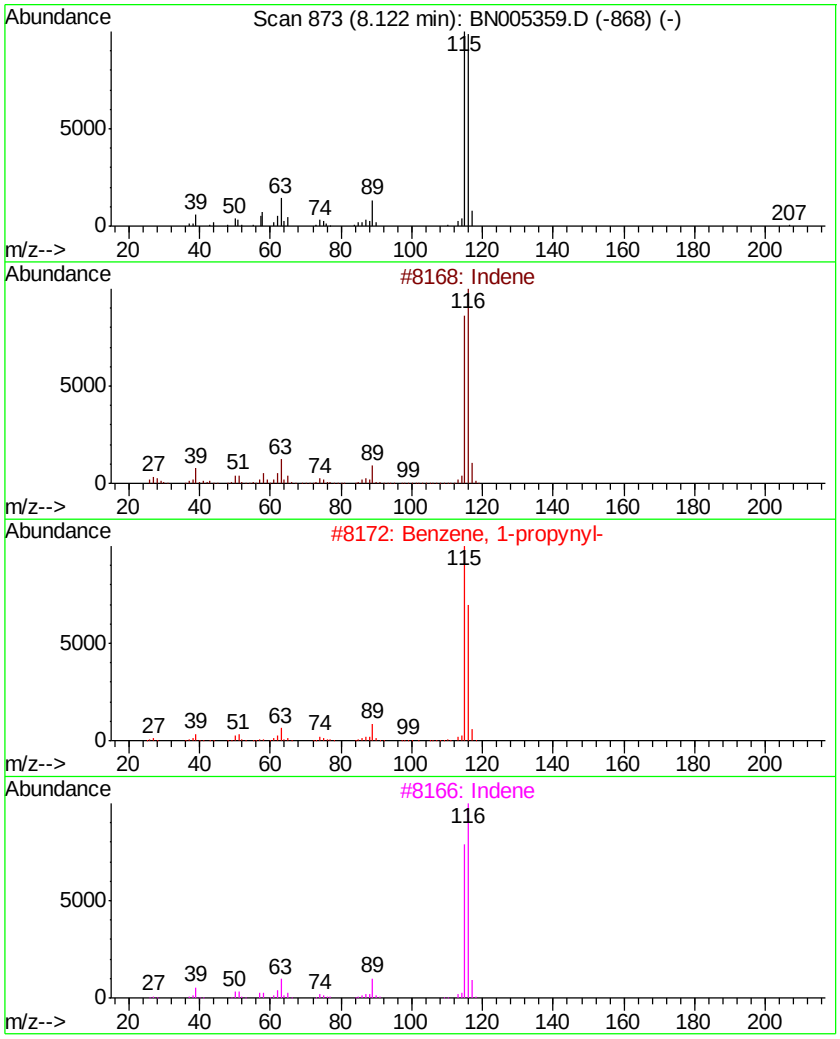
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

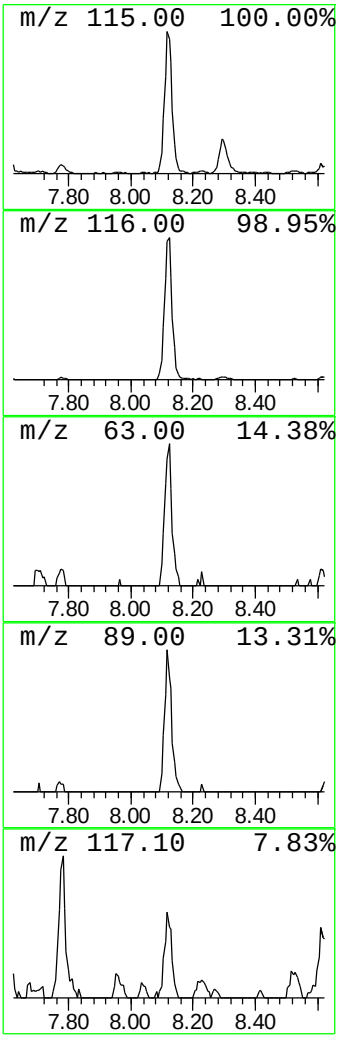
****

Peak Number 2 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	3.03 ng/ul	265934	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

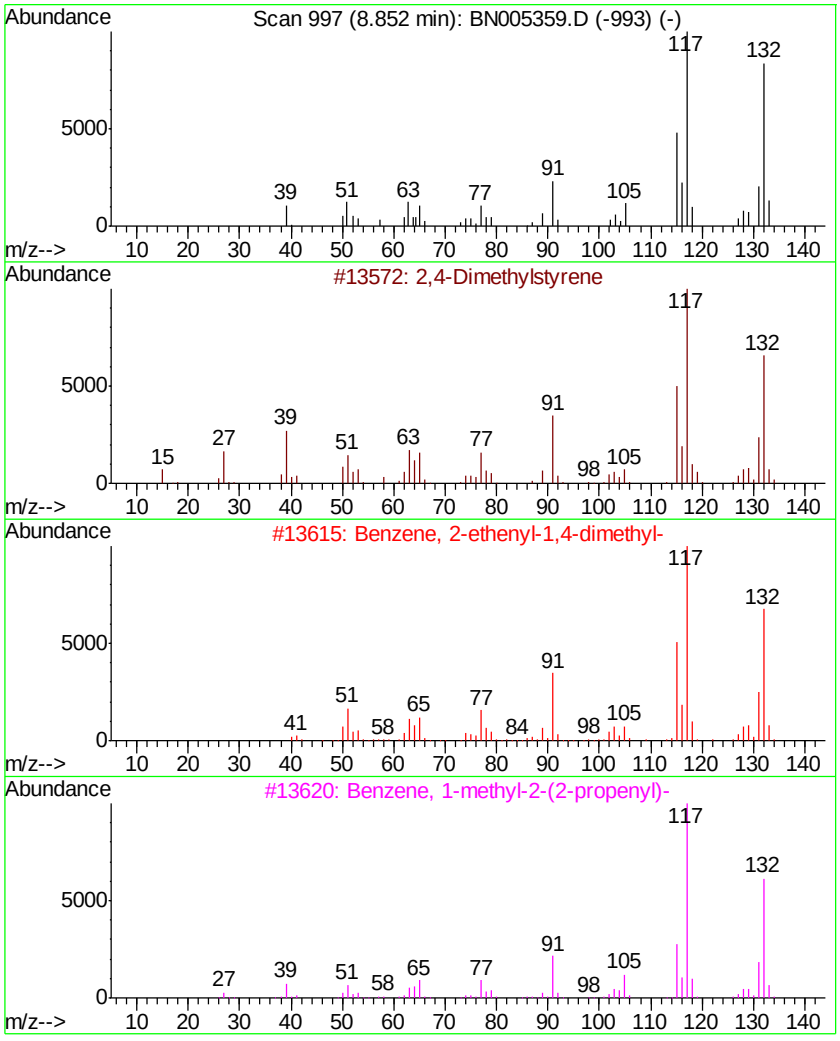
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

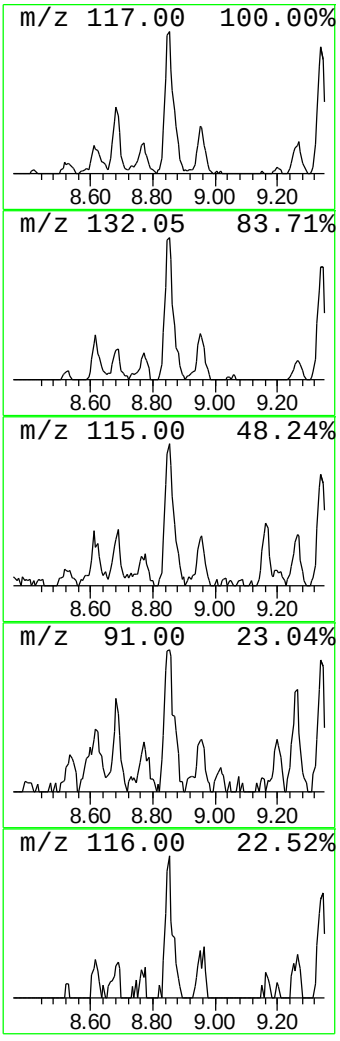
****

Peak Number 3 2,4-Dimethylstyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	2.06 ng/ul	180856	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	93
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

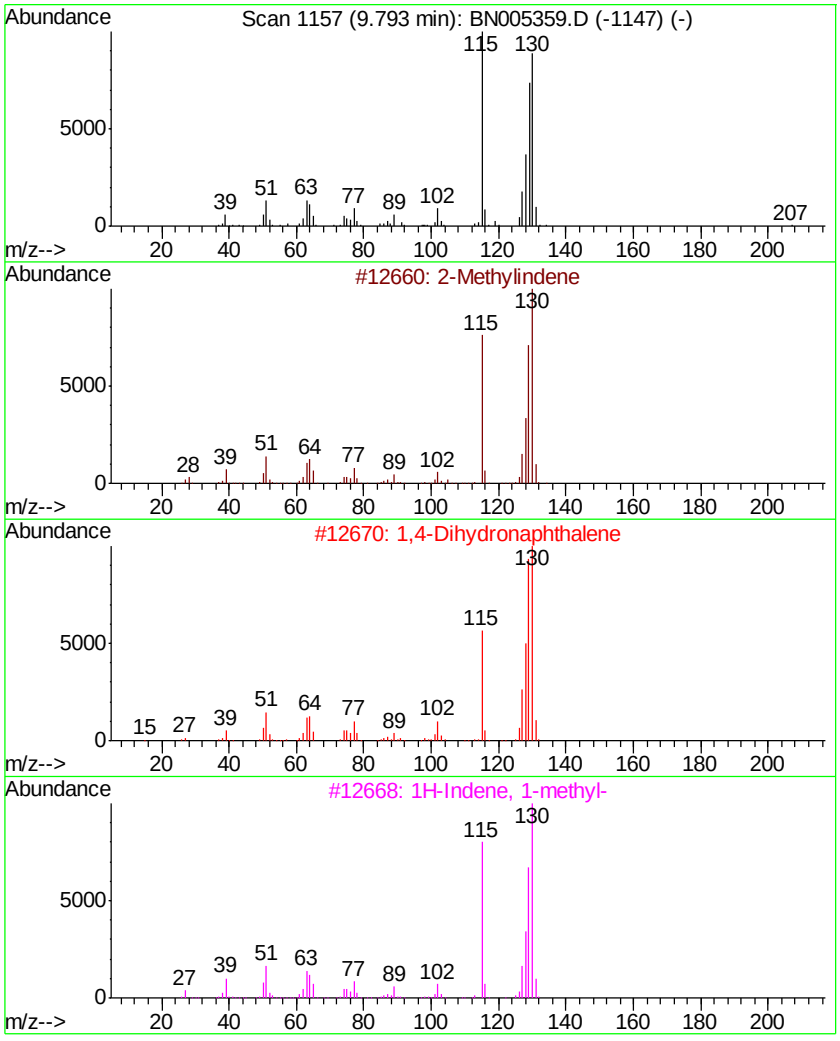
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

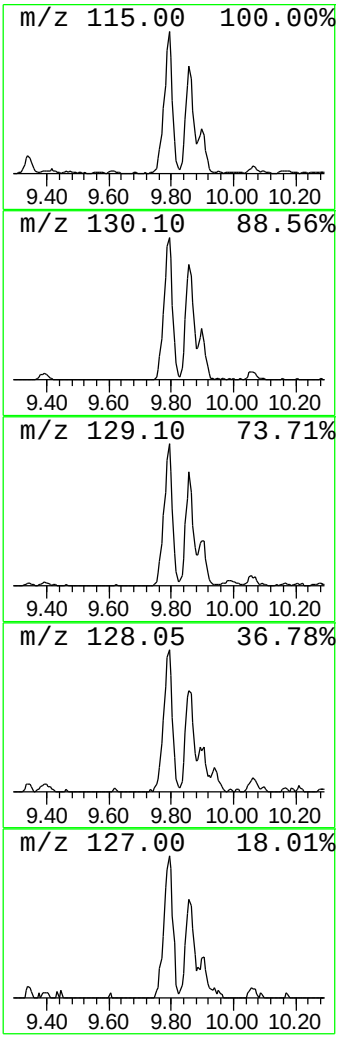
****

Peak Number 4 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.56 ng/ul	604492	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





Library Search Compound Report

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Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

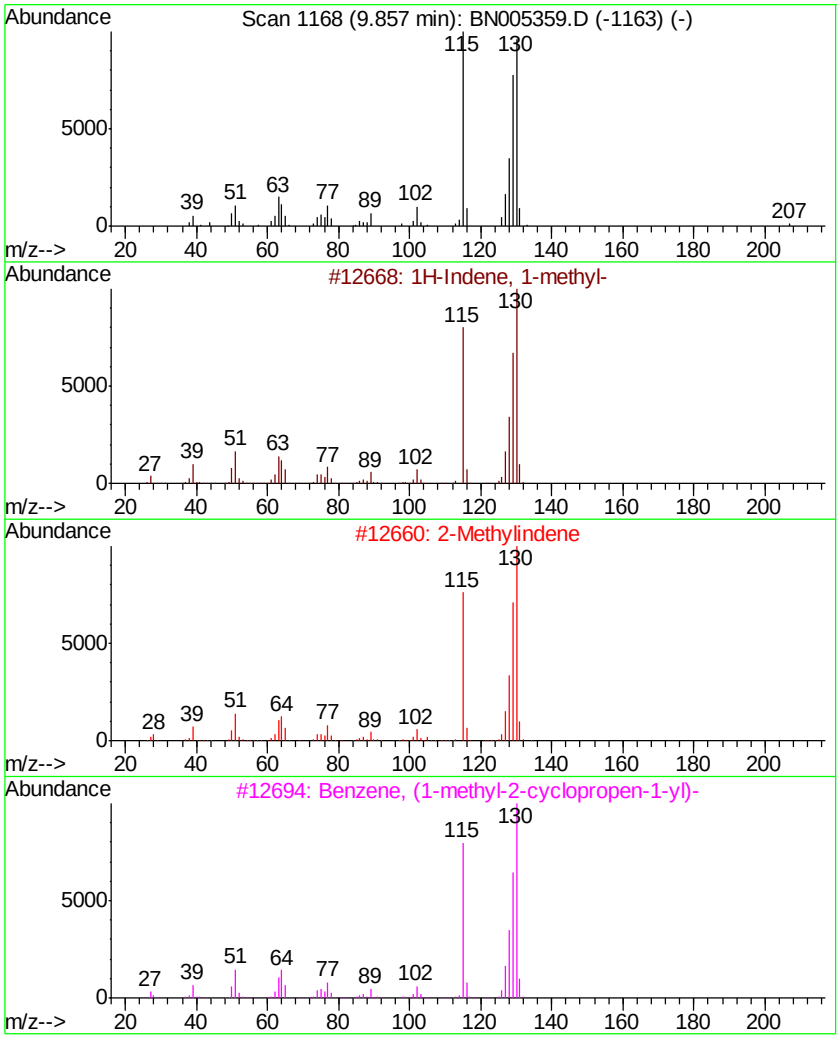
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

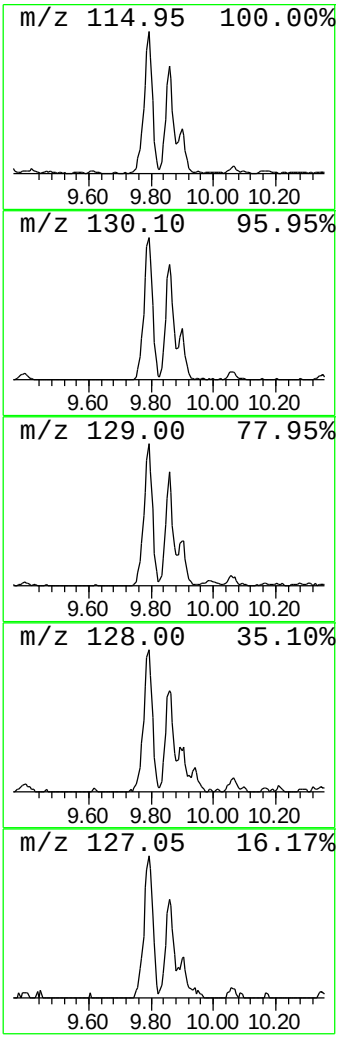
****

Peak Number 5 1H-Indene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.72 ng/ul	360450	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	2-Methylindene	130	C10H10	002177-47-1	94
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





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Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

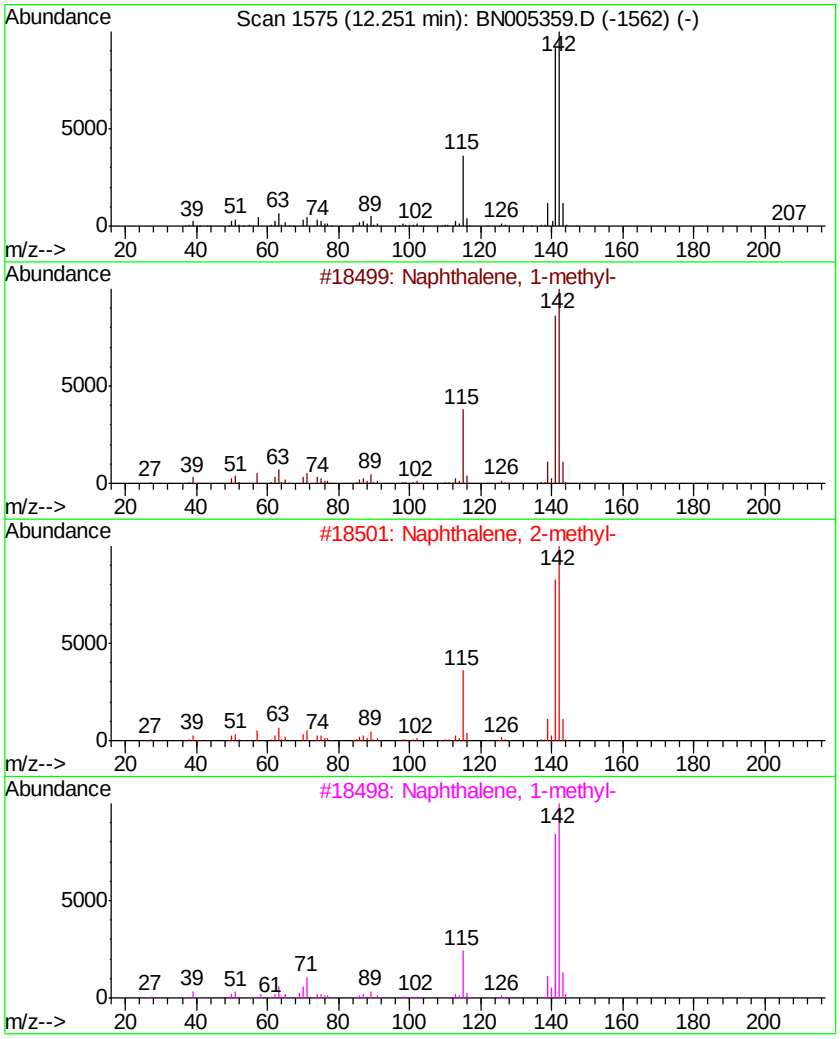
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

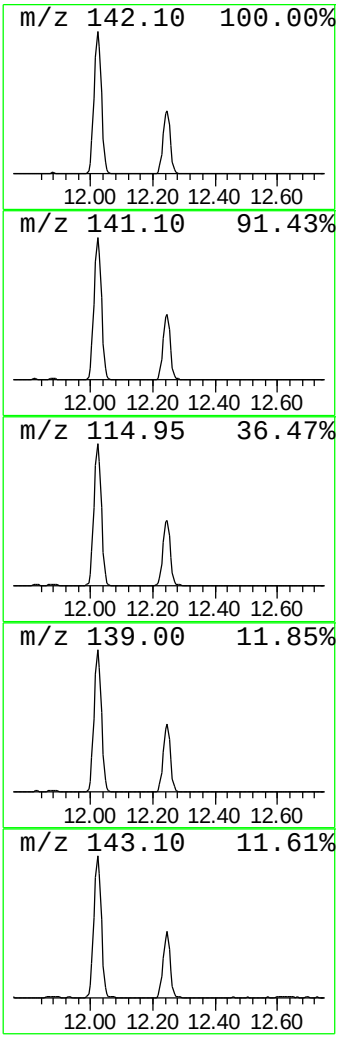
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	25.13 ng/ul	3331330	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, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

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Data File : BN005359.D
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Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

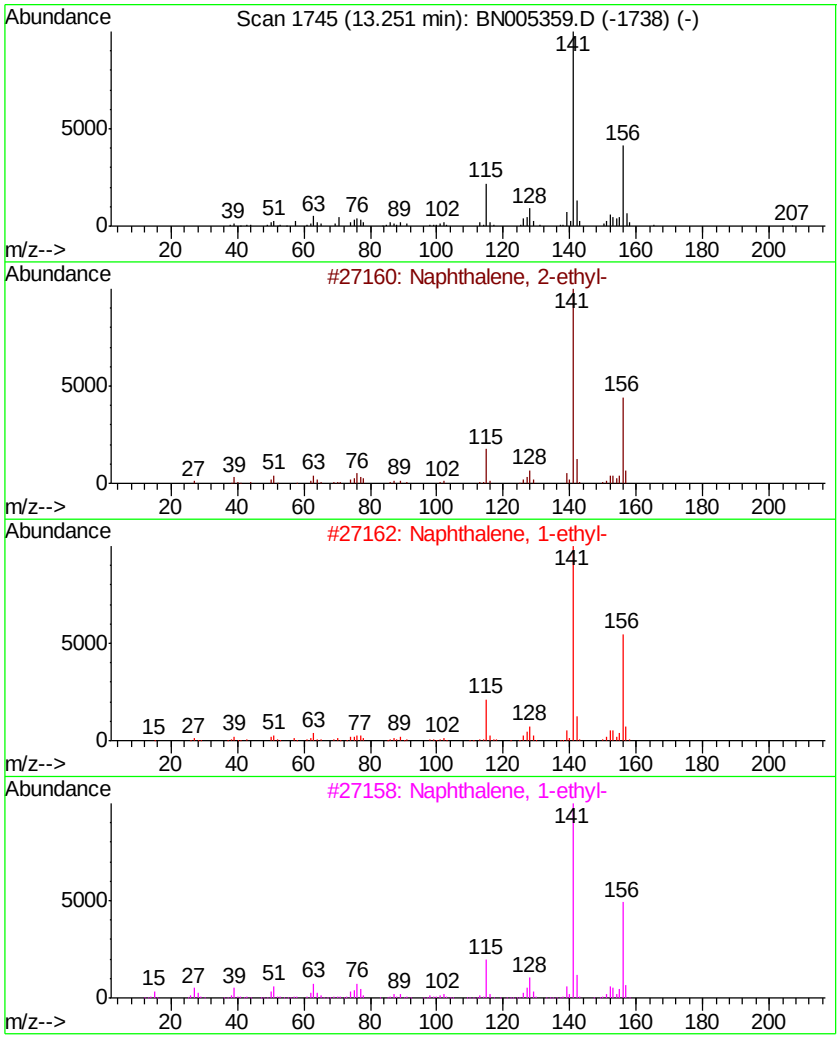
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

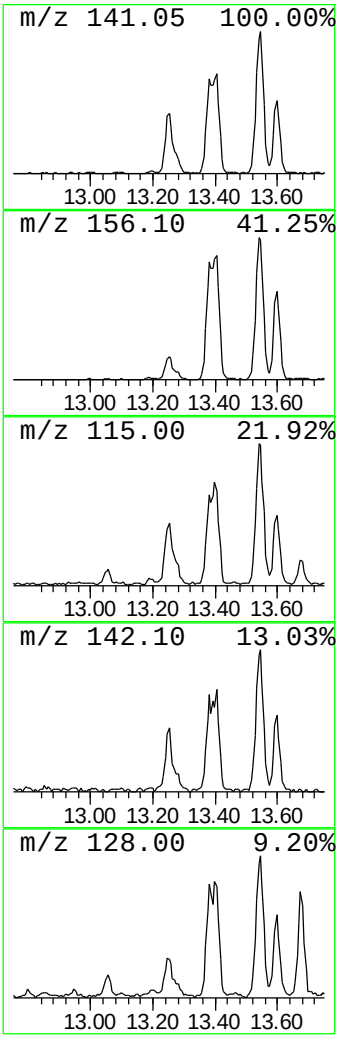
****

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.03 ng/ul	541082	Acenaphthene-d10	14.23

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	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

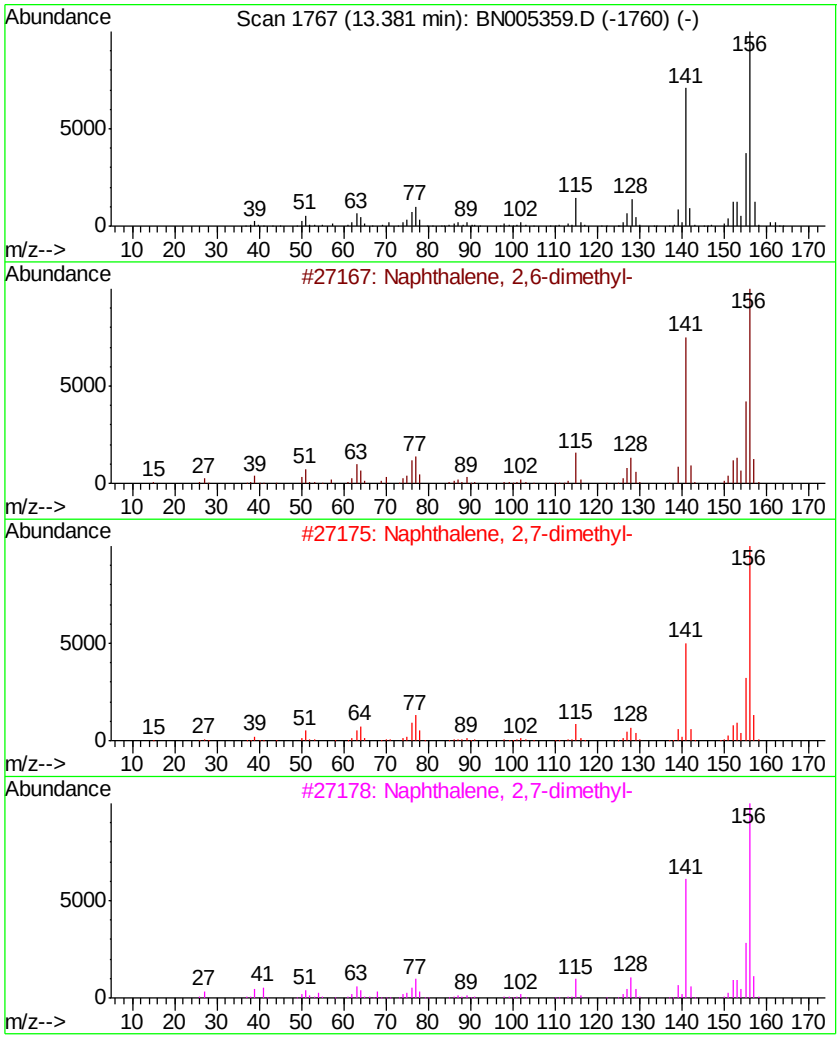
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

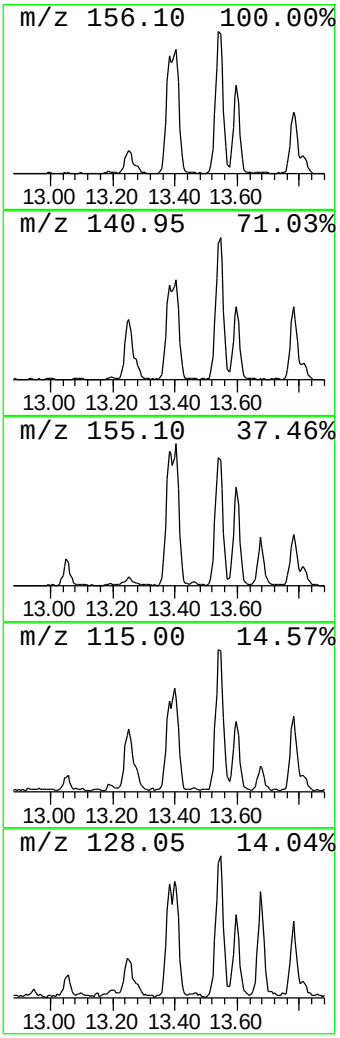
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.18 ng/ul	1104730	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

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Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

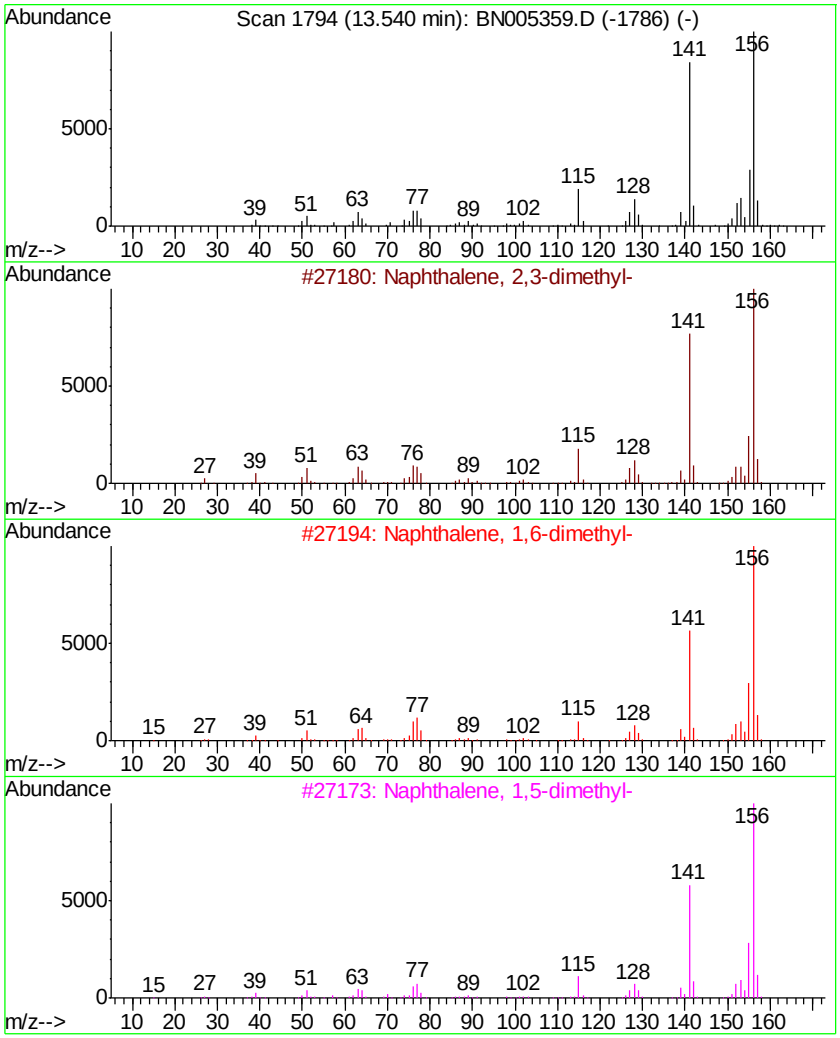
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

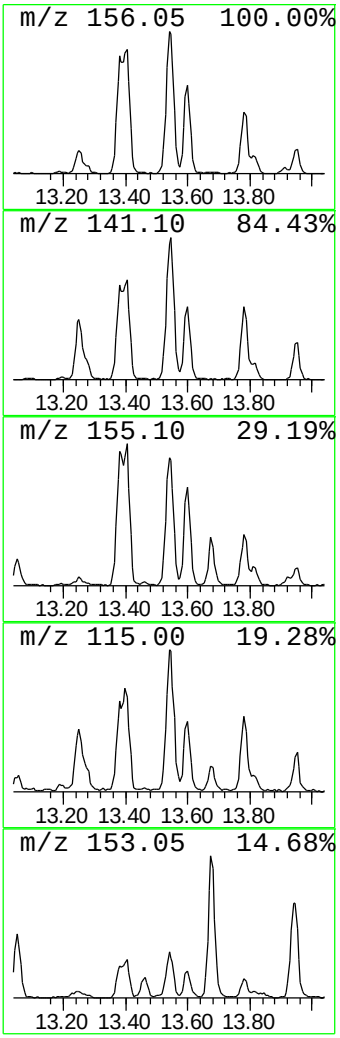
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	8.76 ng/ul	1565860	Acenaphthene-d10	14.23

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





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Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

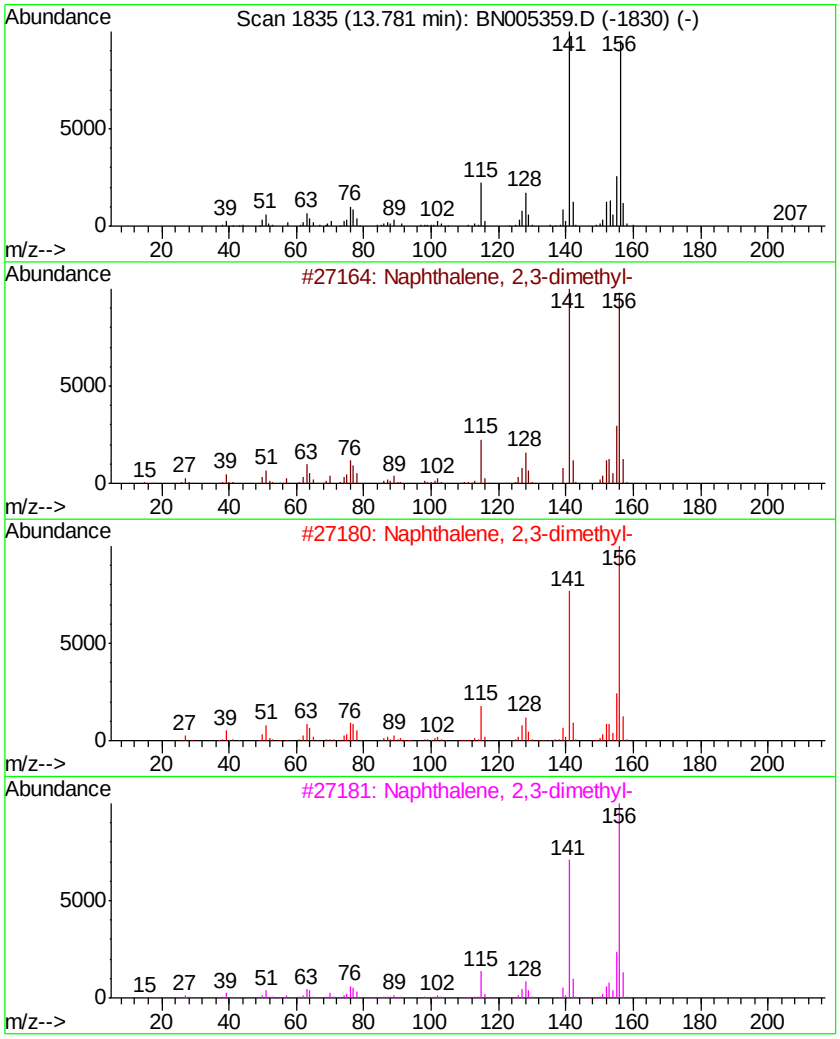
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

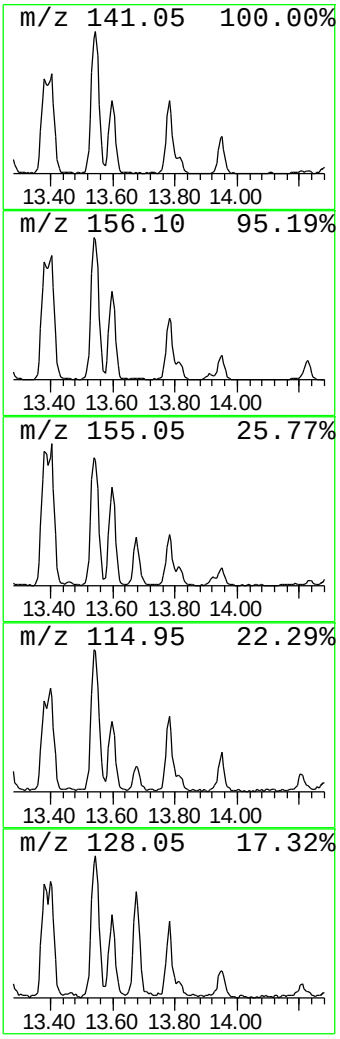
****

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.53 ng/ul	630149	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

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Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

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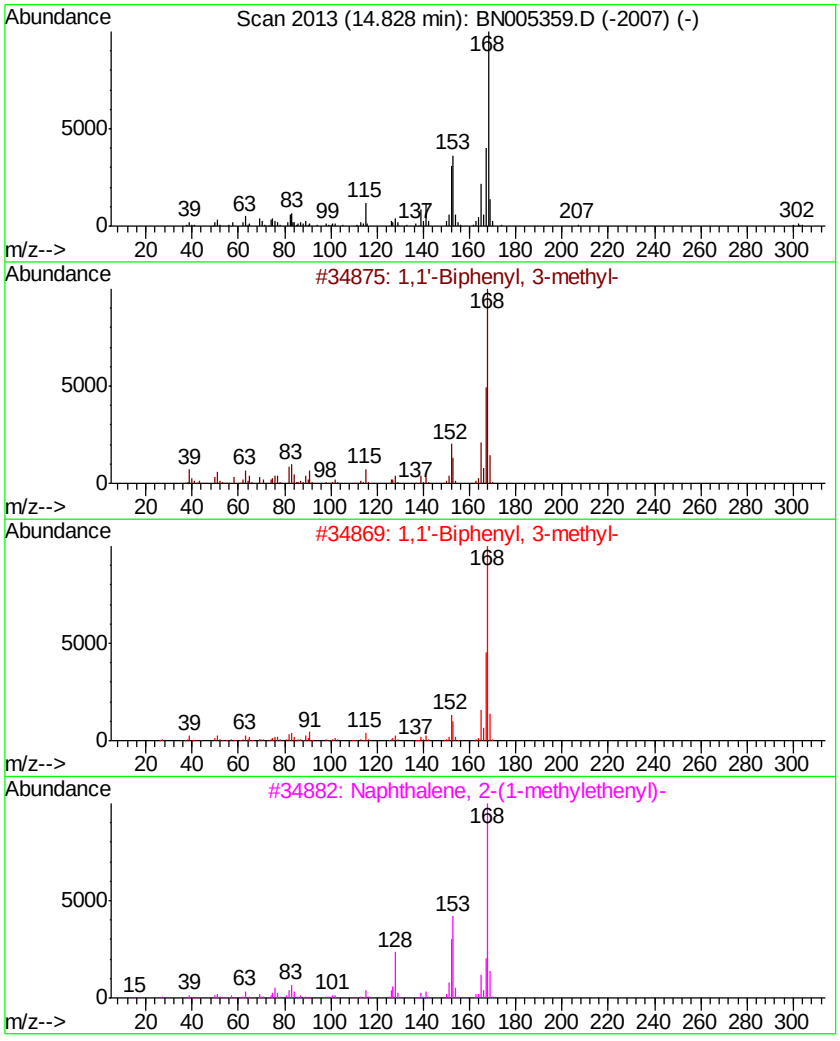
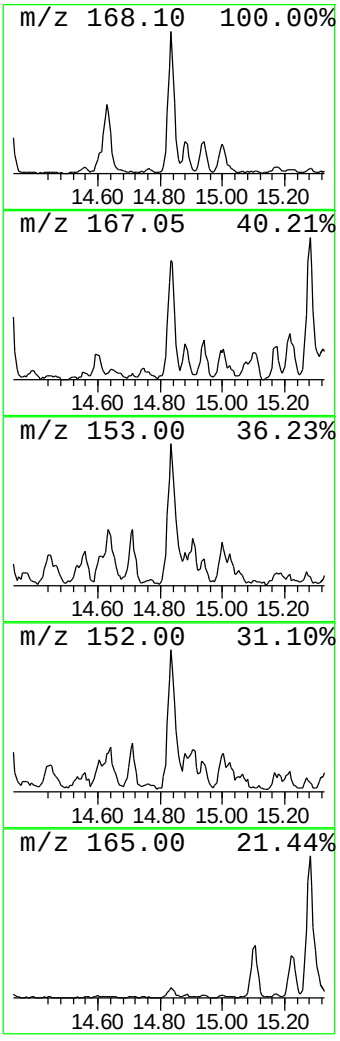
Peak Number 11 1,1'-Biphenyl, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.11 ng/ul	555147	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58





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Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

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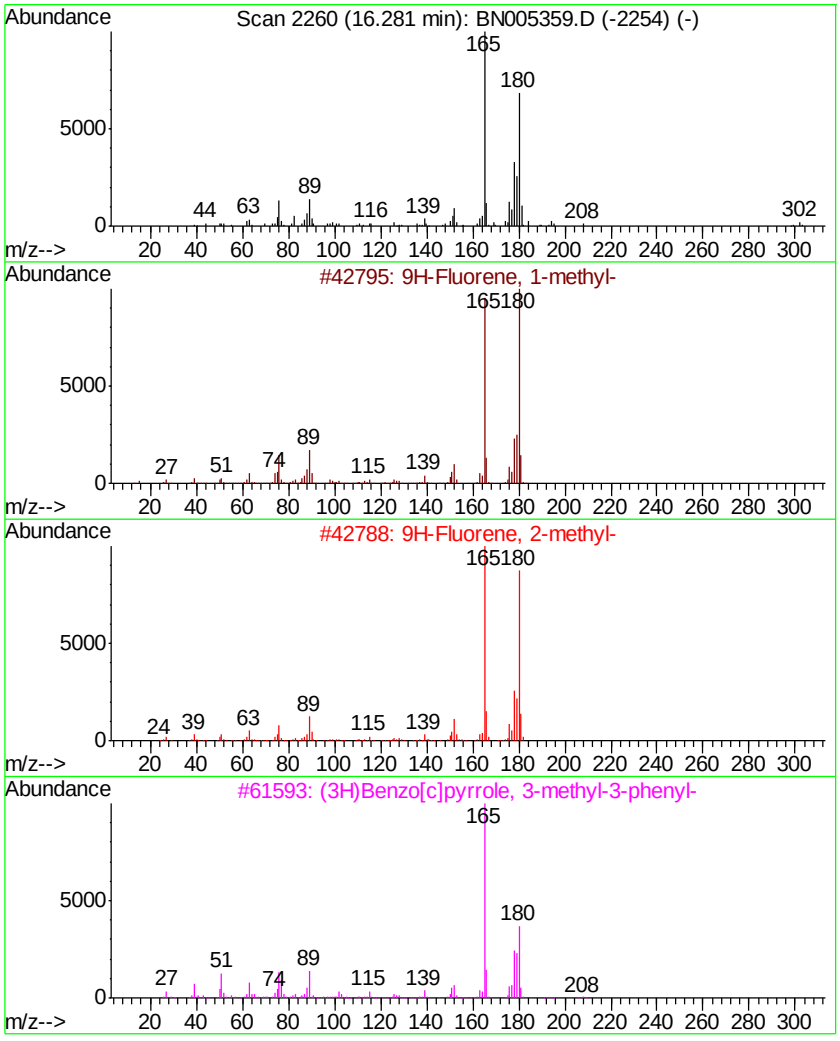
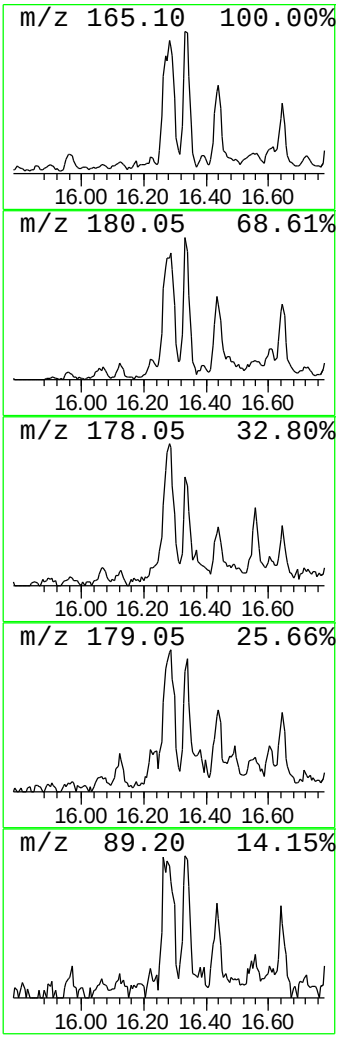
Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.11 ng/ul	396714	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	91
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90





Library Search Compound Report

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Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

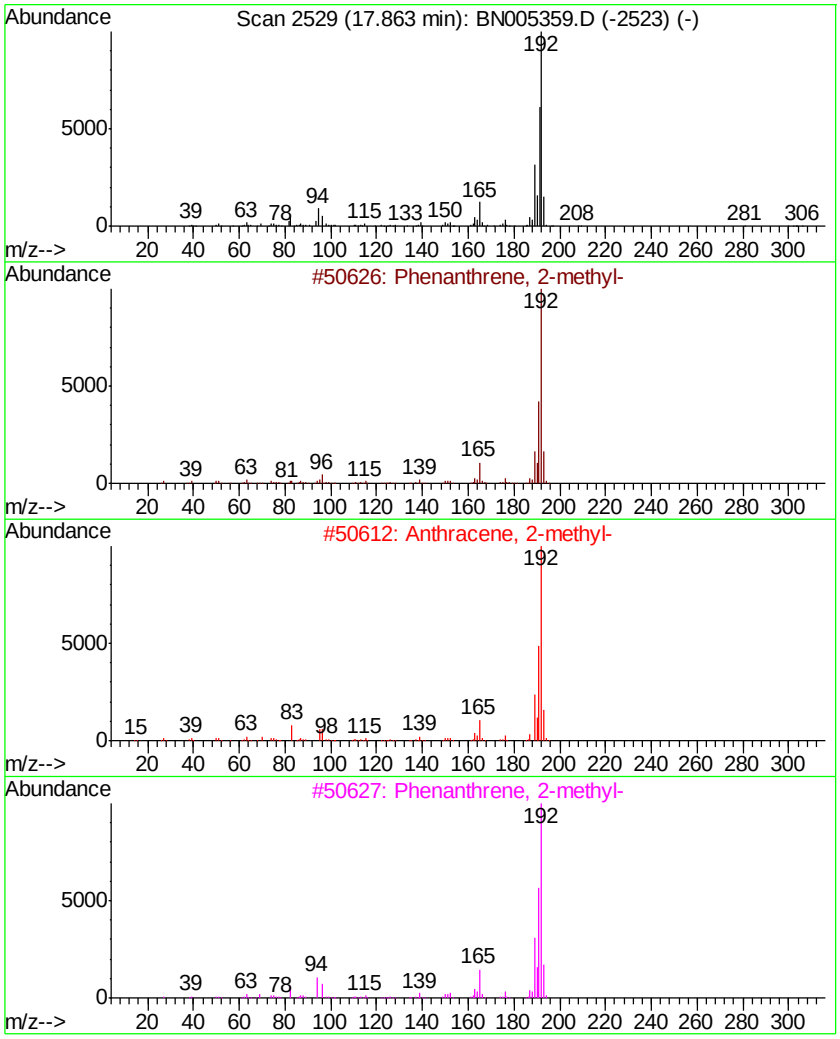
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

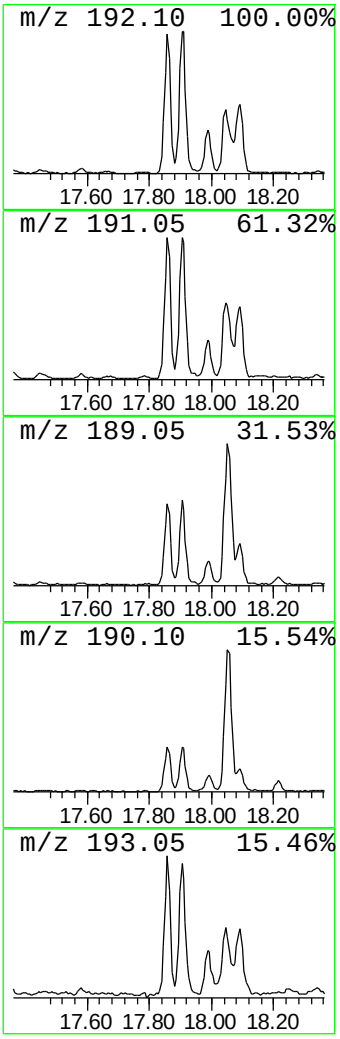
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.75 ng/ul	704954	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

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Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

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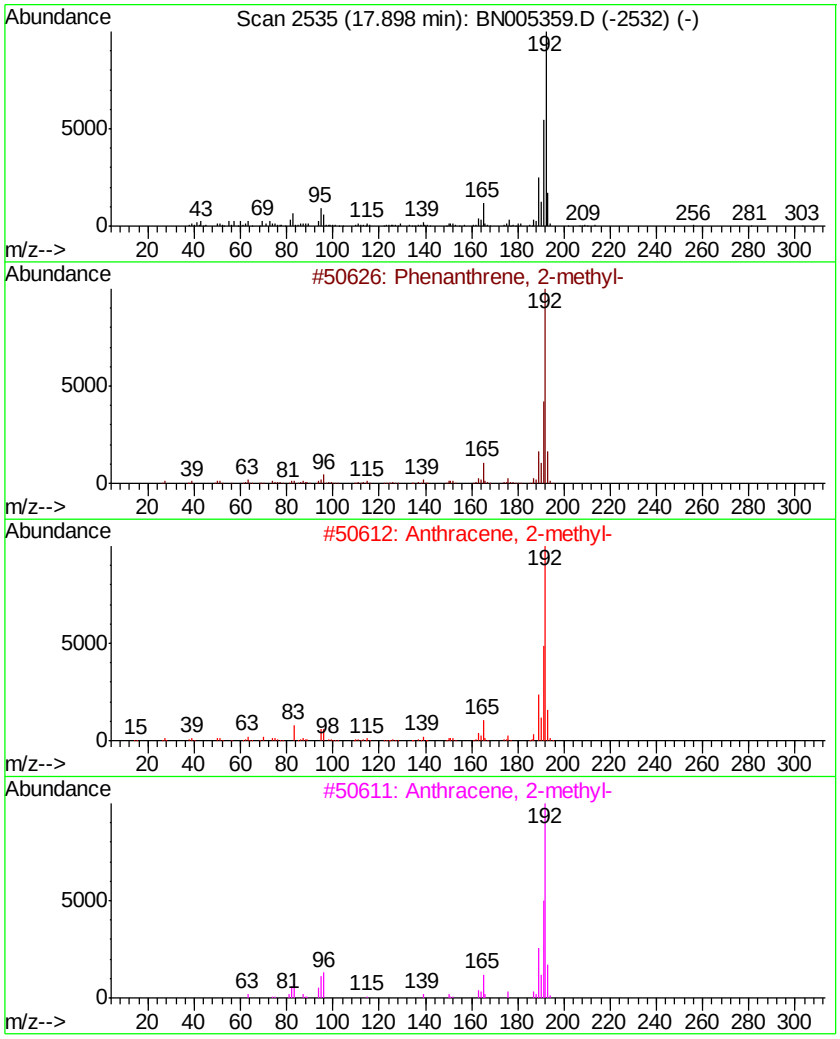
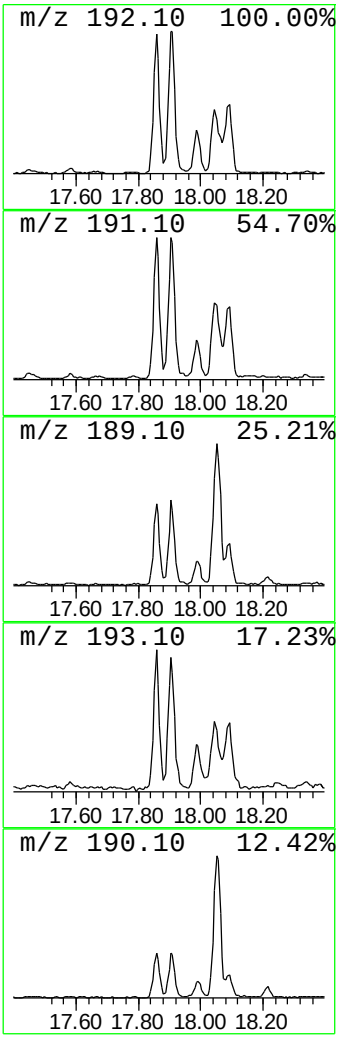
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	4.58 ng/ul	860558	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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

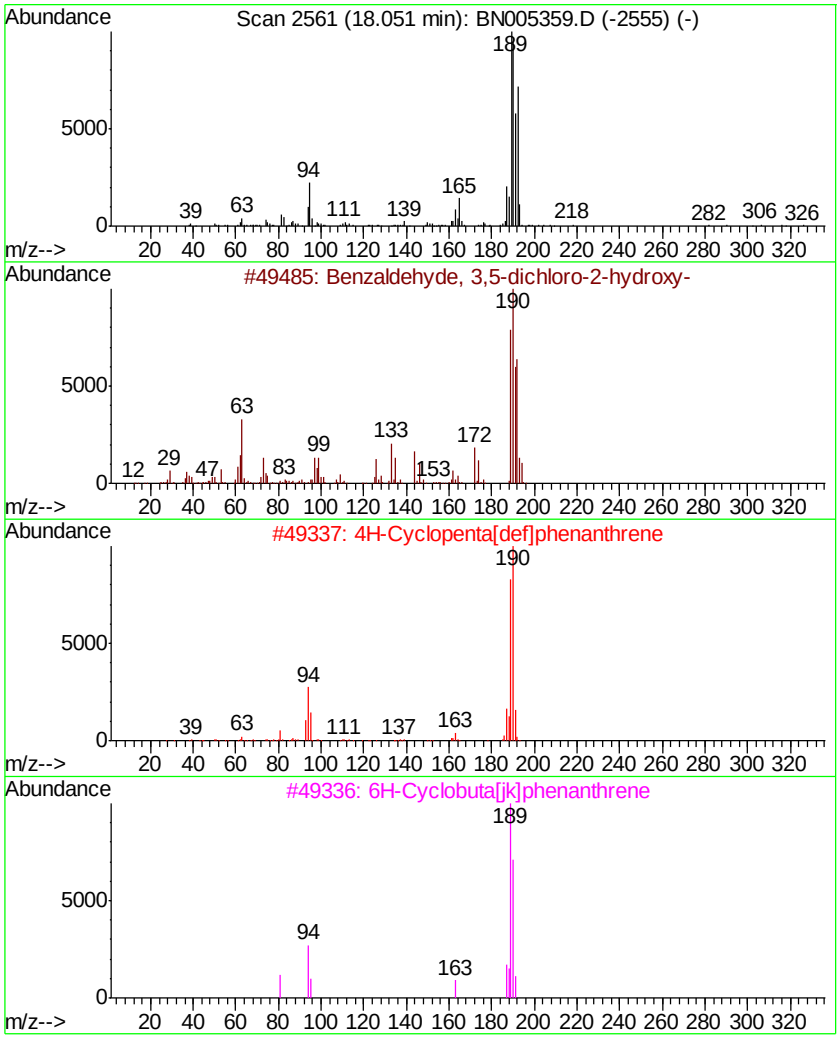
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

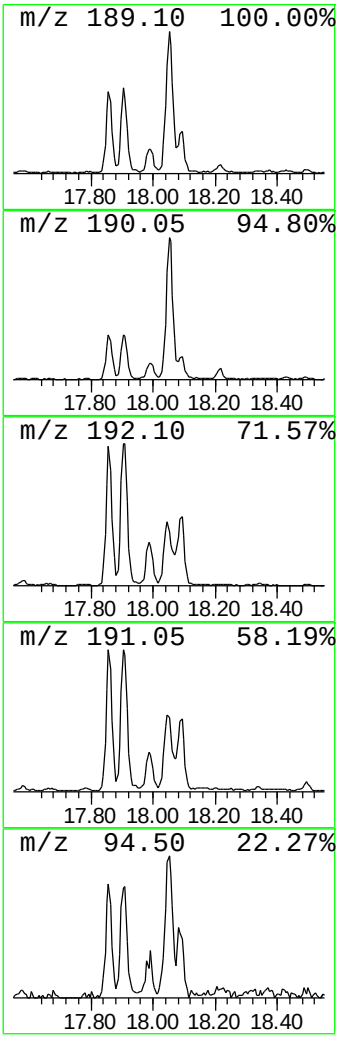
****

Peak Number 15 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.28 ng/ul	804698	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35





Tentatively Identified Compound (LSC) summary

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Data File : BN005359.D
Acq On : 29 Apr 2019 19:44
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHJ0MEDL

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, 2-propenyl-	7.25	6.0	ng/ul	527004	1	7.59	1755390	20.0
Indene	8.12	3.0	ng/ul	265934	1	7.59	1755390	20.0
2,4-Dimethylstyrene	8.85	2.1	ng/ul	180856	1	7.59	1755390	20.0
2-Methylindene	9.79	4.6	ng/ul	604492	2	10.35	2651470	20.0
1H-Indene, 1-methyl-	9.86	2.7	ng/ul	360450	2	10.35	2651470	20.0
Naphthalene, 1-me...	12.25	25.1	ng/ul	3331330	2	10.35	2651470	20.0
Naphthalene, 2-et...	13.25	3.0	ng/ul	541082	3	14.23	3574950	20.0
Naphthalene, 2,6-...	13.38	6.2	ng/ul	1104730	3	14.23	3574950	20.0
Naphthalene, 2,3-...	13.54	8.8	ng/ul	1565860	3	14.23	3574950	20.0
Naphthalene, 1,7-...	13.78	3.5	ng/ul	630149	3	14.23	3574950	20.0
1,1'-Biphenyl, 3-...	14.83	3.1	ng/ul	555147	3	14.23	3574950	20.0
9H-Fluorene, 1-me...	16.28	2.1	ng/ul	396714	4	16.98	3760530	20.0
Phenanthrene, 2-m...	17.86	3.8	ng/ul	704954	4	16.98	3760530	20.0
Anthracene, 2-met...	17.90	4.6	ng/ul	860558	4	16.98	3760530	20.0
Benzaldehyde, 3,5...	18.05	4.3	ng/ul	804698	4	16.98	3760530	20.0