LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003692.D
Acq On : 22 Dec 2015 00:42
Operator : UM/SJ
Sample : G4867-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4DL

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.893	133	137	142	rBB	13948	16922	3.78%	0.464%
2	5.204	358	360	363	rBB	638	770	0.17%	0.021%
3	5.340	379	383	390	rBB	5374	10434	2.33%	0.286%
4	5.710	440	446	450	rBB2	5602	8840	1.98%	0.242%
5	6.893	639	647	655	rBB	56063	83893	18.75%	2.298%
6	7.028	666	670	675	rBB	8433	12268	2.74%	0.336%
7	7.228	699	704	708	rBB	7112	10639	2.38%	0.291%
8	7.340	719	723	727	rBB	4697	6094	1.36%	0.167%
9	7.416	731	736	740	rBB	5478	8089	1.81%	0.222%
10	7.693	777	783	790	rBB	106366	163200	36.47%	4.471%
11	7.804	799	802	805	rBB	1609	2032	0.45%	0.056%
12	8.063	843	846	849	rBB	2163	2424	0.54%	0.066%
13	8.140	854	859	865	rBB	51713	75430	16.86%	2.067%
14	8.228	868	874	880	rBB	48832	76649	17.13%	2.100%
15	8.404	900	904	908	rBB	5116	7013	1.57%	0.192%
16	8.469	908	915	923	rBB	105299	187579	41.92%	5.139%
17	8.851	975	980	985	rBB	8085	12407	2.77%	0.340%
18	9.045	1009	1013	1016	rBB	1733	2526	0.56%	0.069%
19	9.116	1021	1025	1029	rBV	6117	8759	1.96%	0.240%
20	9.169	1029	1034	1038	rVB	3896	6464	1.44%	0.177%
21	9.228	1041	1044	1047	rBB	1250	1603	0.36%	0.044%
22	9.375	1067	1069	1071	rBB	535	452	0.10%	0.012%
23	9.569	1098	1102	1106	rBB	4568	5902	1.32%	0.162%
24	9.663	1113	1118	1121	rBV	24938	38566	8.62%	1.057%
25	9.698	1121	1124	1129	rVB	19494	26551	5.93%	0.727%
26	9.916	1153	1161	1166	rBV4	7330	17706	3.96%	0.485%
27	9.969	1166	1170	1177	rVV2	27668	47370	10.59%	1.298%
28	10.022	1177	1179	1182	rVB	2079	2413	0.54%	0.066%
29	10.110	1189	1194	1200	rBB3	10413	18996	4.24%	0.520%
30	10.357	1232	1236	1241	rBB	5528	8594	1.92%	0.235%
31	10.481	1251	1257	1261	rBV	145351	237143	52.99%	6.497%
32	10.534	1261	1266	1273	rVB	258119	418147	93.44%	11.456%
33	10.651	1279	1286	1291	rBB2	11446	20567	4.60%	0.563%
34	11.028	1347	1350	1353	rBB	987	1291	0.29%	0.035%

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Data File : BM003692.D
Acq On : 22 Dec 2015 00:42
Operator : UM/SJ
Sample : G4867-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4DL

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Title : SVOA CALIBRATION

35	11.075	1354	1358	1361	rBV	997	1438	0.32%	0.039%
36	11.104	1361	1363	1366	rVB	608	728	0.16%	0.020%
37	11.322	1396	1400	1404	rBB	1873	2896	0.65%	0.079%
38	11.516	1429	1433	1435	rBB	1207	1473	0.33%	0.040%
39	11.569	1439	1442	1444	rBB	1043	1114	0.25%	0.031%
40	12.045	1520	1523	1526	rBB	1011	1239	0.28%	0.034%
41	12.151	1536	1541	1547	rBB	32193	45832	10.24%	1.256%
42	12.269	1559	1561	1564	rBB	734	723	0.16%	0.020%
43	12.375	1571	1579	1584	rBB	34865	52087	11.64%	1.427%
44	13.175	1711	1715	1719	rBB	5373	6624	1.48%	0.181%
45	13.504	1768	1771	1772	rBV	1773	1922	0.43%	0.053%
46	13.663	1794	1798	1802	rBB	5486	8289	1.85%	0.227%
47	13.722	1803	1808	1810	rBV	2448	3234	0.72%	0.089%
48	13.757	1810	1814	1819	rVB	23960	30348	6.78%	0.831%
49	13.898	1835	1838	1842	rBV	1901	2748	0.61%	0.075%
50	13.933	1842	1844	1846	rVB	708	609	0.14%	0.017%
51	14.039	1857	1862	1864	rBV	24474	36813	8.23%	1.009%
52	14.063	1864	1866	1872	rVB	20465	27508	6.15%	0.754%
53	14.157	1880	1882	1884	rBB	908	674	0.15%	0.018%
54	14.345	1908	1914	1921	rBB2	203523	301824	67.44%	8.269%
55	14.410	1921	1925	1929	rBB	4692	6246	1.40%	0.171%
56	14.480	1934	1937	1941	rBB	1071	1445	0.32%	0.040%
57	14.639	1961	1964	1968	rBB	1645	2166	0.48%	0.059%
58	14.745	1978	1982	1987	rBB	9938	13065	2.92%	0.358%
59	15.339	2078	2083	2088	rBB	40879	53359	11.92%	1.462%
60	15.398	2089	2093	2098	rBB	12160	16843	3.76%	0.461%
61	15.469	2102	2105	2108	rBB	2111	2089	0.47%	0.057%
62	15.692	2141	2143	2145	rBB	796	636	0.14%	0.017%
63	15.810	2161	2163	2165	rBB	734	727	0.16%	0.020%
64	15.839	2166	2168	2171	rBB	852	920	0.21%	0.025%
65	16.880	2343	2345	2348	rBB	568	655	0.15%	0.018%
66	16.915	2348	2351	2354	rBB	717	910	0.20%	0.025%
67	17.092	2376	2381	2386	rBV	254009	357486	79.88%	9.794%
68	17.133	2386	2388	2393	rVB	19850	24659	5.51%	0.676%
69	17.192	2393	2398	2402	rBV	40672	53337	11.92%	1.461%
70	17.227	2402	2404	2408	rVB	3153	3073	0.69%	0.084%
71	17.504	2446	2451	2455	rBB	8471	11149	2.49%	0.305%

LSC Area Percent Report

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Data File : BM003692.D
Acq On : 22 Dec 2015 00:42
Operator : UM/SJ
Sample : G4867-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4DL

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Title : SVOA CALIBRATION

72	18.021	2537	2539	2541	rBB	840	553	0.12%	0.015%
73	18.168	2562	2564	2567	rBB	1355	1464	0.33%	0.040%
74	19.157	2729	2732	2738	rBB2	3811	4425	0.99%	0.121%
75	19.498	2785	2790	2799	rBV	47924	69205	15.46%	1.896%
76	20.545	2966	2968	2970	rBV	806	552	0.12%	0.015%
77	20.939	3033	3035	3038	rBV2	553	624	0.14%	0.017%
78	20.974	3039	3041	3044	rBV3	485	795	0.18%	0.022%
79	21.292	3090	3095	3101	rBV	372721	447520	100.00%	12.260%
80	21.398	3111	3113	3115	rBV2	822	869	0.19%	0.024%
81	21.498	3128	3130	3131	rBV2	963	707	0.16%	0.019%
82	22.092	3229	3231	3232	rBV	1551	1124	0.25%	0.031%
83	23.392	3446	3452	3460	rBV	38199	65168	14.56%	1.785%
84	23.533	3469	3476	3486	rVB	234353	432469	96.64%	11.848%

Sum of corrected areas: 3650096

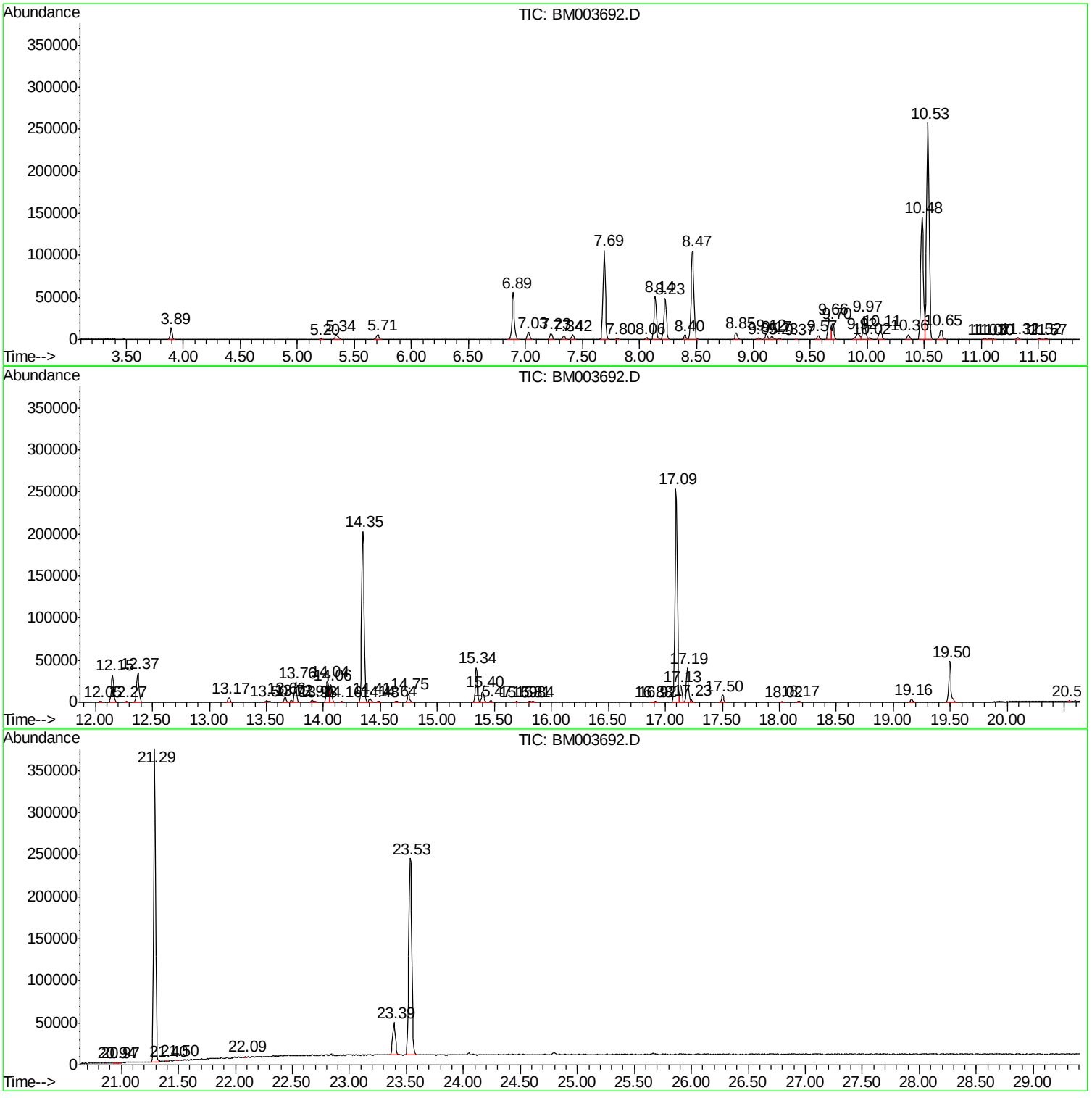
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003692.D
Acq On : 22 Dec 2015 00:42
Operator : UM/SJ
Sample : G4867-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003692.D
Acq On : 22 Dec 2015 00:42
Operator : UM/SJ
Sample : G4867-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

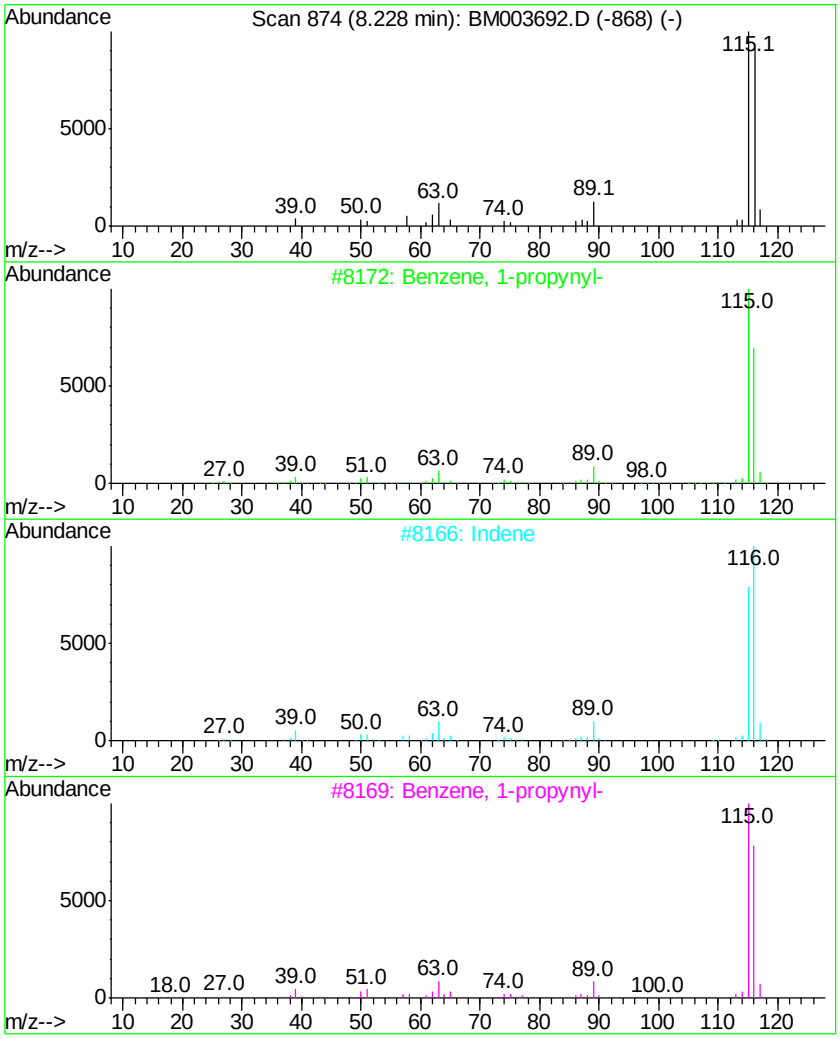
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

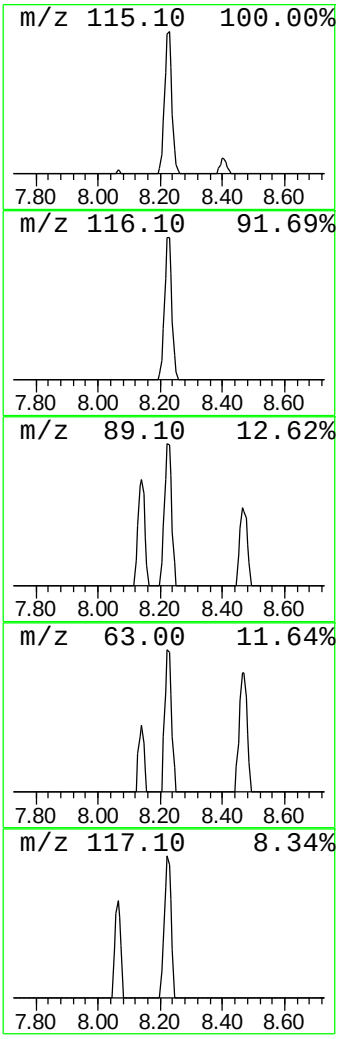
****

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	9.39 ng/ul	76649	1,4-Dichlorobenzene-d4	7.69

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





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Acq On : 22 Dec 2015 00:42
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Sample : G4867-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

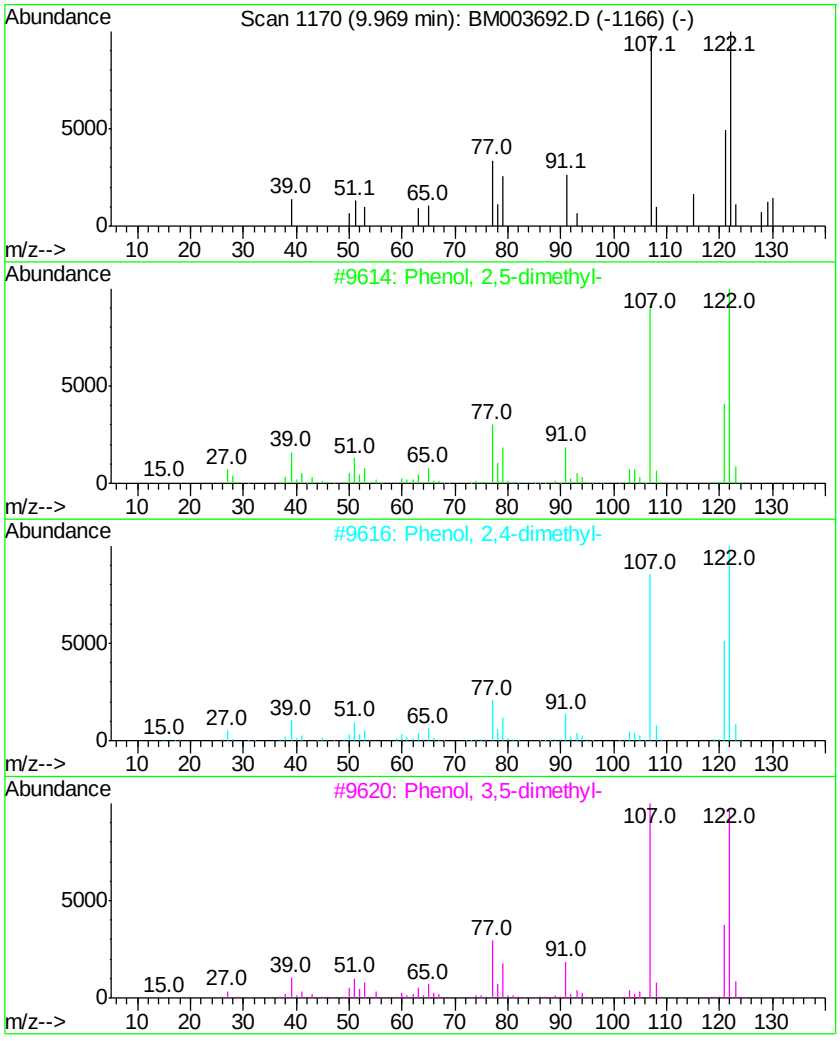
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

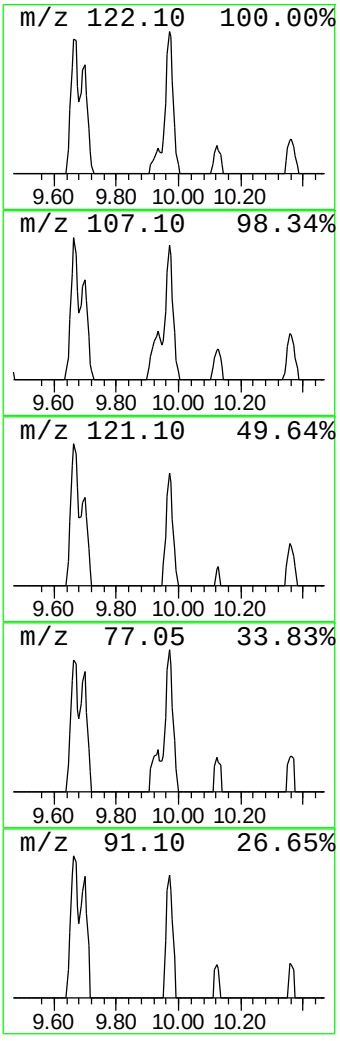
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	4.00 ng/ul	47370	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
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Operator : UM/SJ
Sample : G4867-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

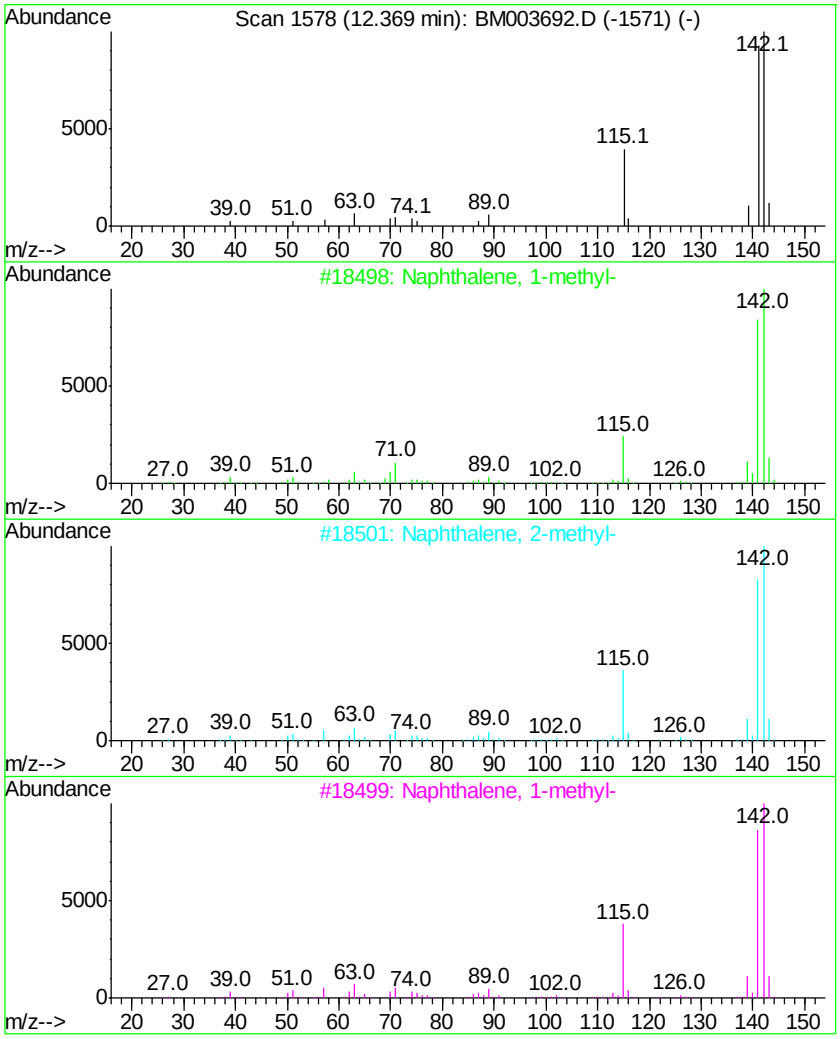
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

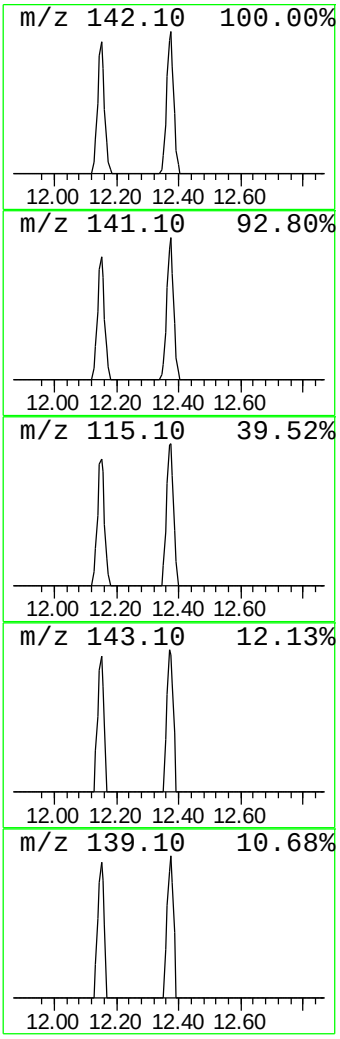
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.39 ng/ul	52087	Naphthalene-d8	10.48

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122115\
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Instrument : BNA_M
ClientSampleId : G9DA4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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-propynyl-	8.23	9.4	ng/ul	76649	1	7.69	163200	20.0
Phenol, 2,5-dimet...	9.97	4.0	ng/ul	47370	2	10.48	237143	20.0
Naphthalene, 1-me...	12.37	4.4	ng/ul	52087	2	10.48	237143	20.0