LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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	3.770	146	150	157	rBV	32088	48216	0.61%	0.100%
2	5.064	366	370	377	rVB	78037	116184	1.47%	0.240%
3	5.193	388	392	401	rVB	68703	152959	1.94%	0.316%
4	5.558	448	454	460	rVB2	67119	103583	1.31%	0.214%
5	6.034	531	535	541	rVB	15112	20996	0.27%	0.043%
6	6.628	630	636	640	rBV	27405	41990	0.53%	0.087%
7	6.687	642	646	649	rVV	20706	30565	0.39%	0.063%
8	6.758	653	658	666	rVB	50818	85248	1.08%	0.176%
9	6.881	674	679	683	rBV5	8860	17258	0.22%	0.036%
10	6.928	683	687	692	rVB3	11267	18359	0.23%	0.038%
11	7.069	707	711	719	rVB5	11289	20755	0.26%	0.043%
12	7.181	722	730	736	rVV	120872	195654	2.48%	0.405%
13	7.246	736	741	751	rVB	64804	112249	1.42%	0.232%
14	7.522	781	788	802	rBV	1421892	2281367	28.95%	4.717%
15	7.640	802	808	817	rVB	31903	60887	0.77%	0.126%
16	7.893	844	851	859	rBV	501893	784231	9.95%	1.621%
17	8.058	868	879	886	rBV	367578	614871	7.80%	1.271%
18	8.169	893	898	902	rBV2	15682	24556	0.31%	0.051%
19	8.628	972	976	981	rBV4	20335	32125	0.41%	0.066%
20	8.699	982	988	994	rVB3	36563	65221	0.83%	0.135%
21	8.875	1011	1018	1023	rBV2	37087	63208	0.80%	0.131%
22	8.999	1030	1039	1044	rBV	72131	160288	2.03%	0.331%
23	9.057	1045	1049	1057	rVV3	20547	34994	0.44%	0.072%
24	9.146	1059	1064	1070	rVV	12793	22326	0.28%	0.046%
25	9.205	1070	1074	1080	rVB2	15310	24354	0.31%	0.050%
26	9.557	1129	1134	1143	rVB	43629	76974	0.98%	0.159%
27	9.710	1152	1160	1171	rBV5	73968	198721	2.52%	0.411%
28	9.804	1171	1176	1180	rVV2	37316	65933	0.84%	0.136%
29	9.840	1180	1182	1191	rVB4	16791	29570	0.38%	0.061%
30	9.952	1196	1201	1206	rVB5	8292	15028	0.19%	0.031%
31	10.299	1249	1260	1264	rBV	1976109	3312530	42.03%	6.849%
32	10.352	1264	1269	1278	rVV	4764128	7881094	100.00%	16.295%
33	10.463	1281	1288	1301	rVV	349933	644481	8.18%	1.332%
34	10.557	1301	1304	1307	rVV4	6973	11916	0.15%	0.025%

LSC Area Percent Report

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Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

35	10.722	1328	1332	1333	rBV3	12730	13320	0.17%	0.028%
36	11.410	1443	1449	1455	rBV4	20712	38001	0.48%	0.079%
37	11.704	1494	1499	1502	rBV7	6862	12974	0.16%	0.027%
38	11.863	1520	1526	1535	rVB2	23382	40070	0.51%	0.083%
39	11.975	1539	1545	1554	rBV	143474	233571	2.96%	0.483%
40	12.098	1560	1566	1571	rVB2	15550	29109	0.37%	0.060%
41	12.198	1571	1583	1591	rBV	425044	751694	9.54%	1.554%
42	13.010	1714	1721	1730	rBV	141772	224251	2.85%	0.464%
43	13.210	1749	1755	1758	rBV	24116	38399	0.49%	0.079%
44	13.345	1771	1778	1779	rBV2	38483	61170	0.78%	0.126%
45	13.498	1798	1804	1810	rBV2	74408	129682	1.65%	0.268%
46	13.557	1810	1814	1818	rVV2	33057	50445	0.64%	0.104%
47	13.604	1818	1822	1826	rVB	24486	36970	0.47%	0.076%
48	13.740	1838	1845	1849	rBV2	26338	45097	0.57%	0.093%
49	13.769	1849	1850	1855	rVB4	10076	11013	0.14%	0.023%
50	13.869	1862	1867	1870	rBV2	31372	47259	0.60%	0.098%
51	13.904	1870	1873	1882	rVB4	29796	49687	0.63%	0.103%
52	14.181	1913	1920	1926	rBV	2862117	4291352	54.45%	8.873%
53	14.245	1926	1931	1940	rVB	521136	770312	9.77%	1.593%
54	14.316	1940	1943	1949	rVB3	16241	29406	0.37%	0.061%
55	14.387	1949	1955	1963	rBV	28492	56480	0.72%	0.117%
56	14.475	1965	1970	1971	rBV4	10757	14527	0.18%	0.030%
57	14.498	1971	1974	1978	rVB4	17594	25500	0.32%	0.053%
58	14.587	1983	1989	2000	rBV	322902	477589	6.06%	0.987%
59	14.669	2000	2003	2006	rBV4	9271	12650	0.16%	0.026%
60	14.981	2051	2056	2060	rBV5	6939	10864	0.14%	0.022%
61	15.181	2085	2090	2094	rVV2	47350	66888	0.85%	0.138%
62	15.234	2094	2099	2110	rVV	255353	384556	4.88%	0.795%
63	15.334	2113	2116	2118	rVV4	9373	12915	0.16%	0.027%
64	15.392	2118	2126	2132	rVV8	39658	102333	1.30%	0.212%
65	15.486	2134	2142	2146	rVV8	20315	50361	0.64%	0.104%
66	15.539	2146	2151	2155	rVV3	20214	29643	0.38%	0.061%
67	15.634	2163	2167	2168	rBV3	9253	11138	0.14%	0.023%
68	15.681	2171	2175	2183	rVB3	25184	48206	0.61%	0.100%
69	15.916	2209	2215	2222	rBV4	26854	44647	0.57%	0.092%
70	16.033	2232	2235	2239	rBV6	10296	11861	0.15%	0.025%
71	16.133	2248	2252	2256	rBV2	11893	19357	0.25%	0.040%

LSC Area Percent Report

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Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	16.210	2261	2265	2268	rBV2	24000	37097	0.47%	0.077%
73	16.304	2276	2281	2283	rBV5	13461	16616	0.21%	0.034%
74	16.722	2348	2352	2355	rBV2	30369	46347	0.59%	0.096%
75	16.745	2355	2356	2361	rVB2	23271	27034	0.34%	0.056%
76	16.933	2381	2388	2393	rBV	3589144	4929958	62.55%	10.193%
77	16.975	2393	2395	2400	rVV	311675	361033	4.58%	0.746%
78	17.028	2401	2404	2408	rVV	55867	90512	1.15%	0.187%
79	17.063	2408	2410	2418	rVV5	21671	39288	0.50%	0.081%
80	17.133	2420	2422	2427	rVB4	8907	11719	0.15%	0.024%
81	17.339	2452	2457	2468	rVB	312670	455808	5.78%	0.942%
82	17.445	2470	2475	2481	rVV3	41758	75742	0.96%	0.157%
83	17.504	2481	2485	2491	rVB	38125	52498	0.67%	0.109%
84	17.592	2498	2500	2505	rVB5	10941	15705	0.20%	0.032%
85	17.780	2528	2532	2536	rBV4	17287	26712	0.34%	0.055%
86	17.857	2540	2545	2553	rBV5	130456	200731	2.55%	0.415%
87	17.939	2555	2559	2564	rVB2	33760	52513	0.67%	0.109%
88	18.010	2564	2571	2575	rBV6	21736	42455	0.54%	0.088%
89	18.116	2581	2589	2594	rBV10	23749	70369	0.89%	0.145%
90	18.198	2601	2603	2608	rVB5	9058	13371	0.17%	0.028%
91	18.257	2608	2613	2620	rBV5	24802	54191	0.69%	0.112%
92	18.322	2622	2624	2627	rVB4	15310	14941	0.19%	0.031%
93	18.998	2737	2739	2742	rBV2	23437	24291	0.31%	0.050%
94	19.333	2793	2796	2800	rBV2	55041	72027	0.91%	0.149%
95	19.810	2874	2877	2884	rBV	56851	85676	1.09%	0.177%
96	20.827	3046	3050	3054	rBV	220526	324080	4.11%	0.670%
97	20.880	3055	3059	3063	rBV	480599	606225	7.69%	1.253%
98	20.927	3063	3067	3073	rVV	2852384	3160099	40.10%	6.534%
99	21.139	3097	3103	3109	rBV	4318738	5705346	72.39%	11.796%
100	23.292	3463	3469	3479	rVB	3452345	6102137	77.43%	12.616%

Sum of corrected areas: 48366509

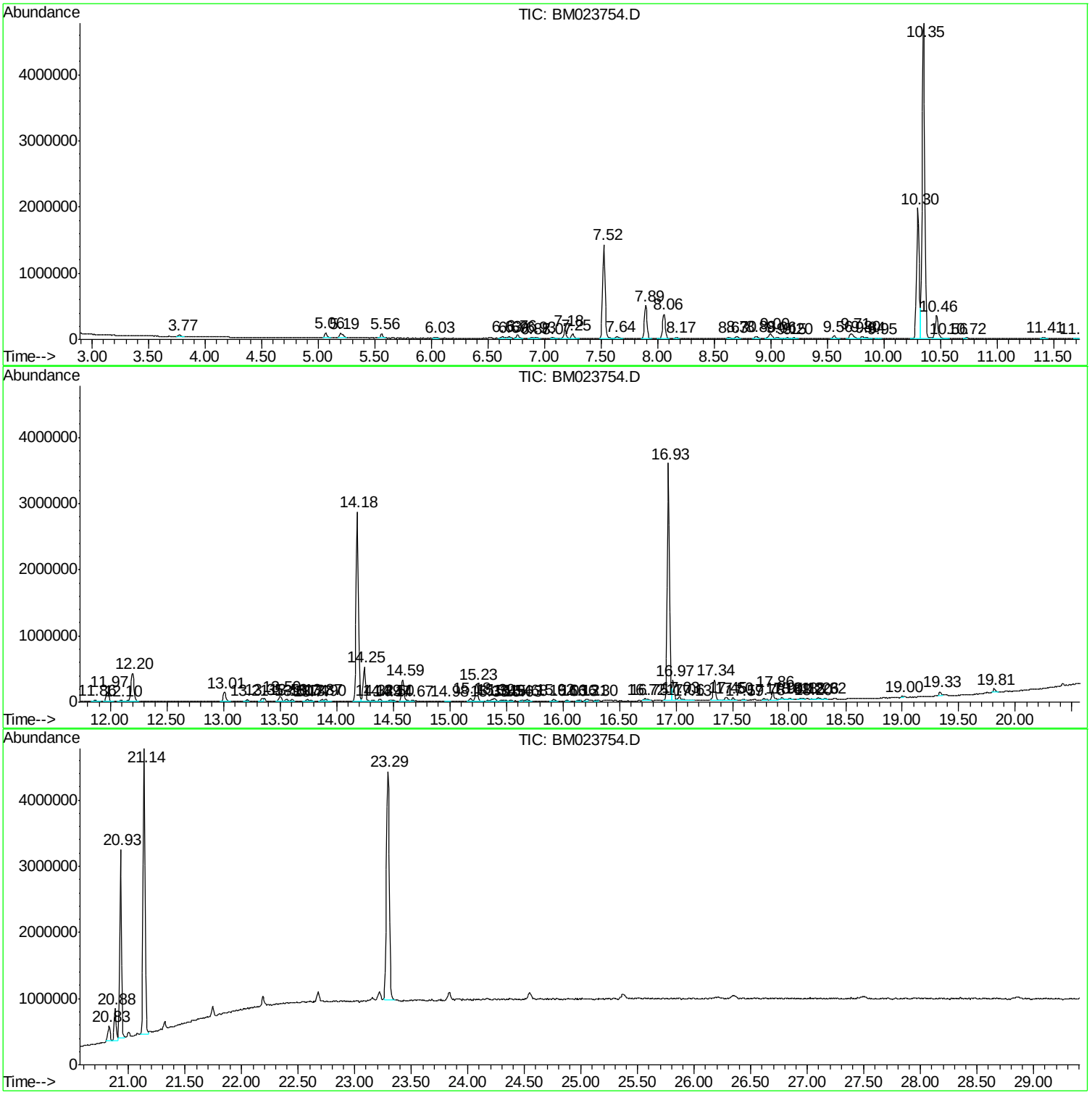
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
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Instrument : BNA_M
ClientSampleId : BEGY8DL2

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Quant Title : SVOA CALIBRATION

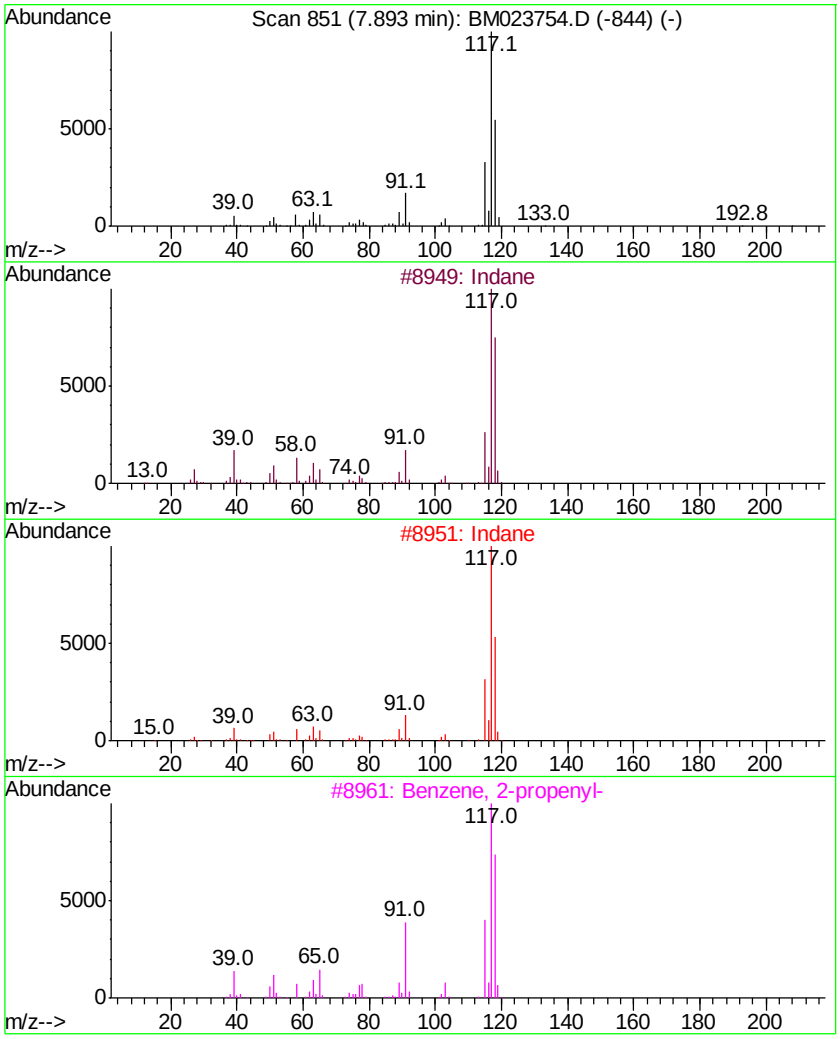
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

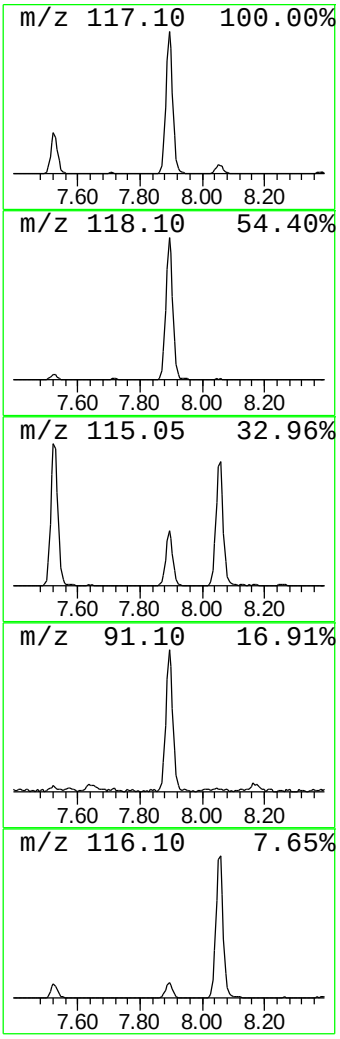
****

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	6.88 ng/ul	784231	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Indane	118	C9H10	000496-11-7	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

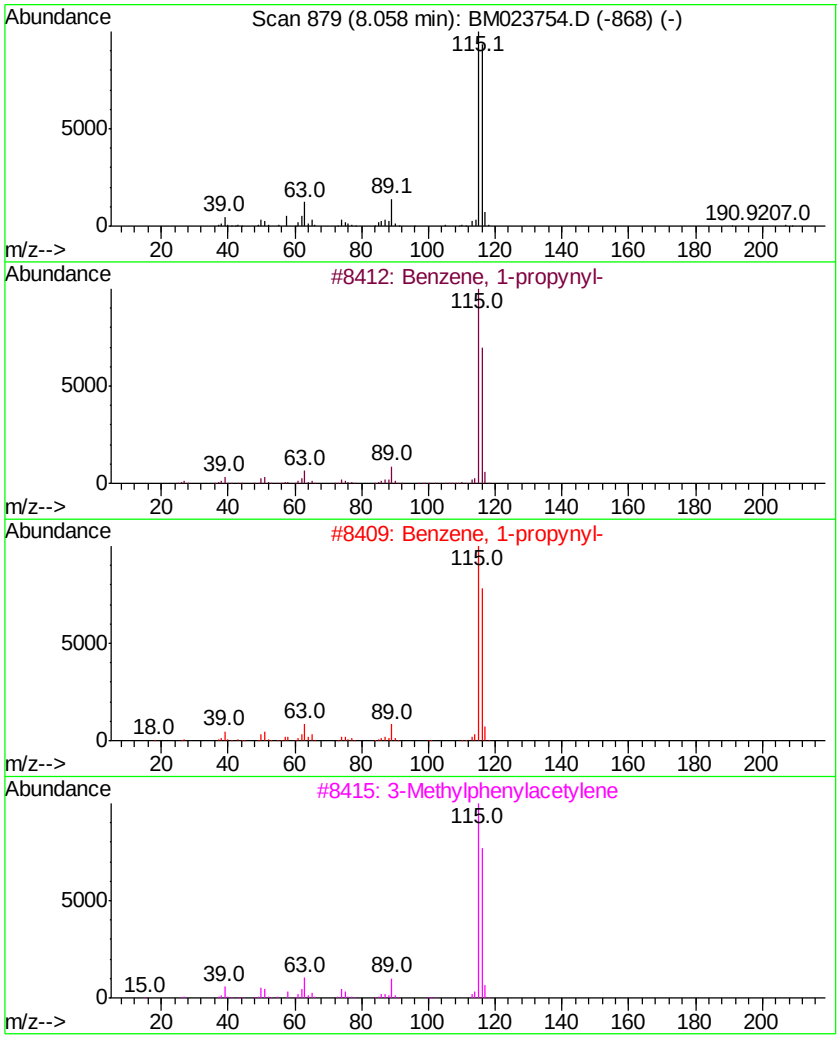
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

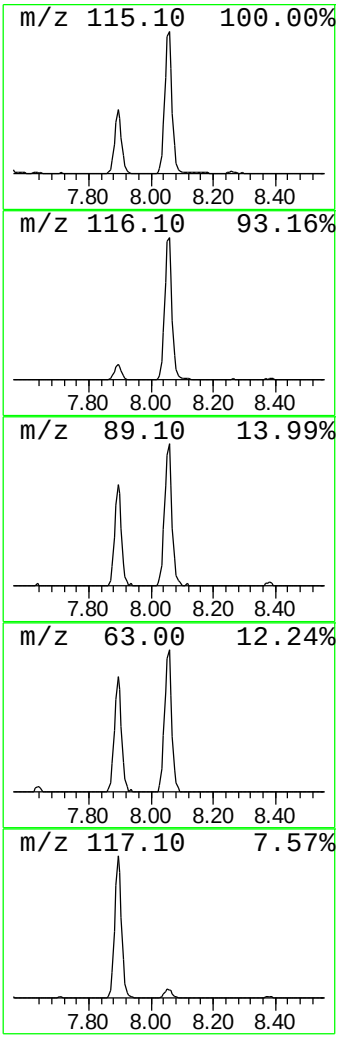
****

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	5.39 ng/ul	614871	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

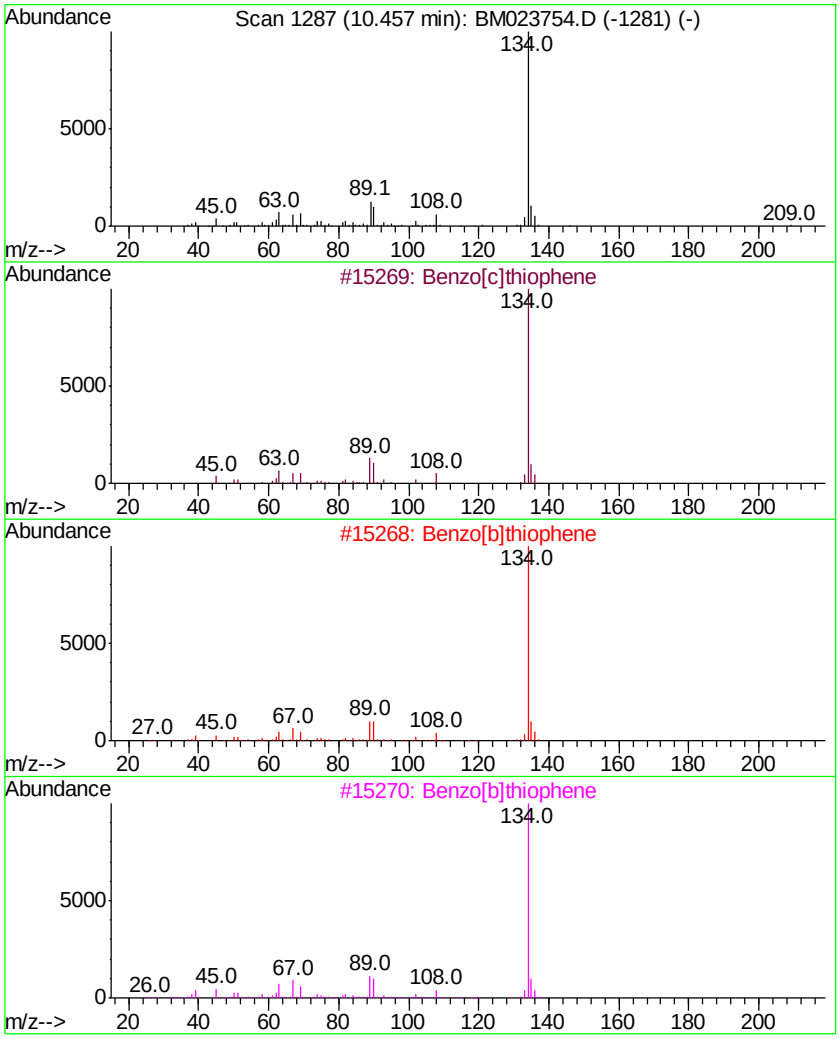
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

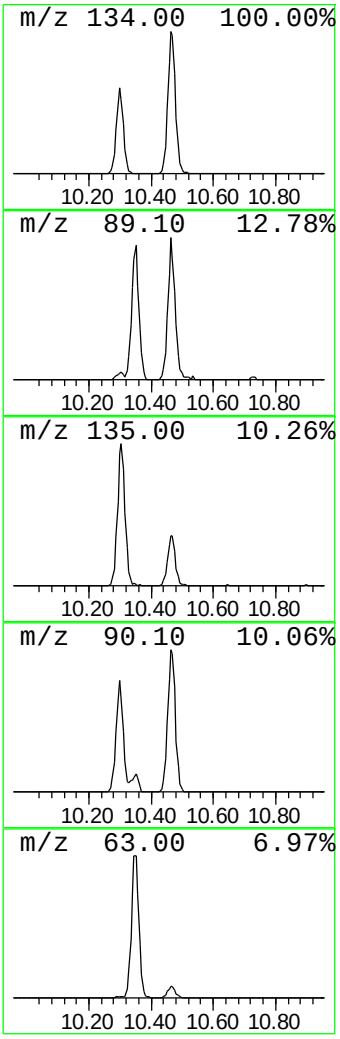
****

Peak Number 3 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	3.89 ng/ul	644481	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	83





Library Search Compound Report

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Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

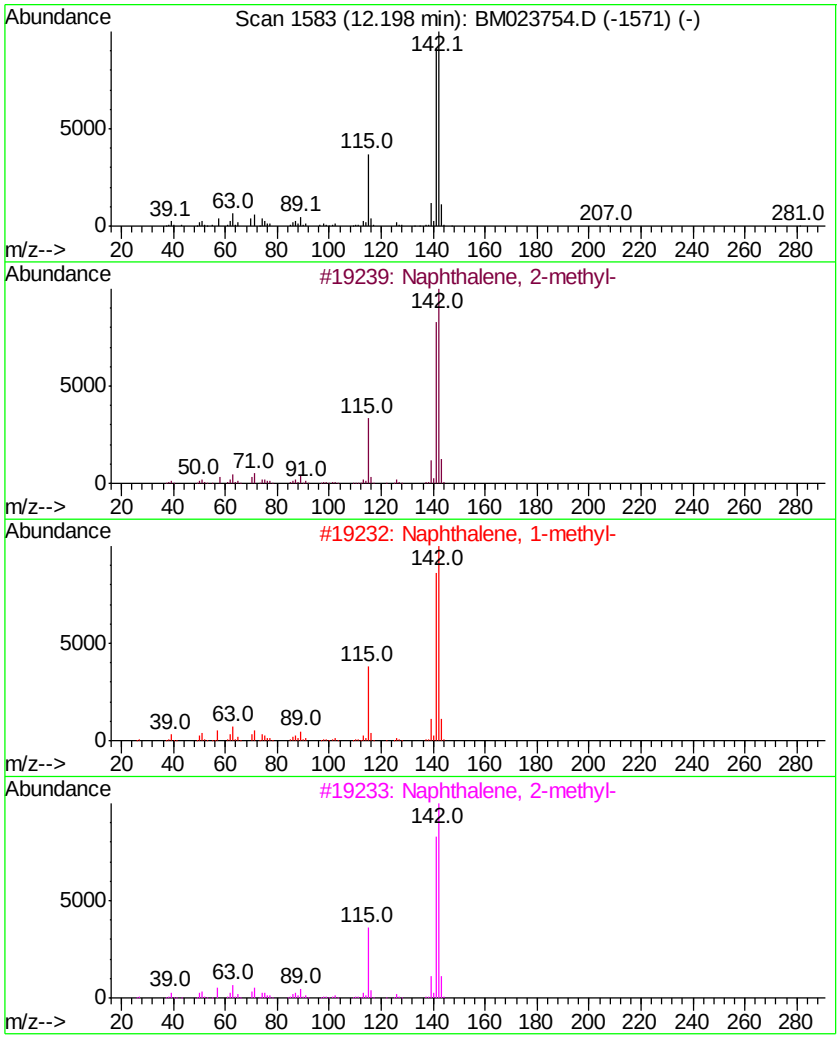
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

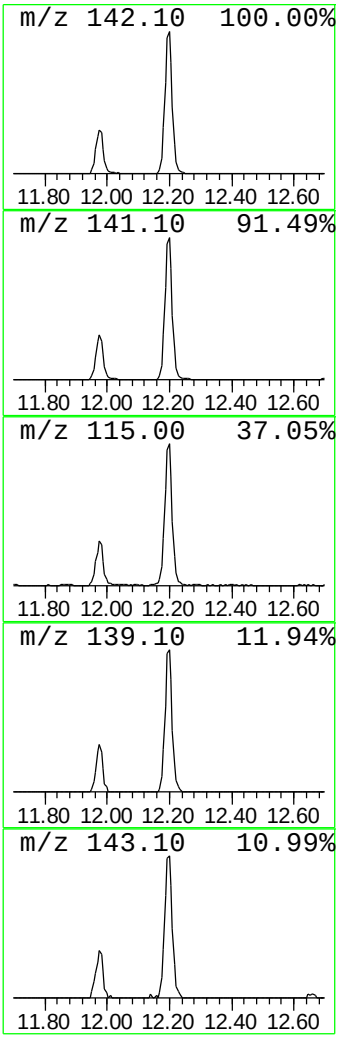
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.54 ng/ul	751694	Naphthalene-d8	10.30

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	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
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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Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

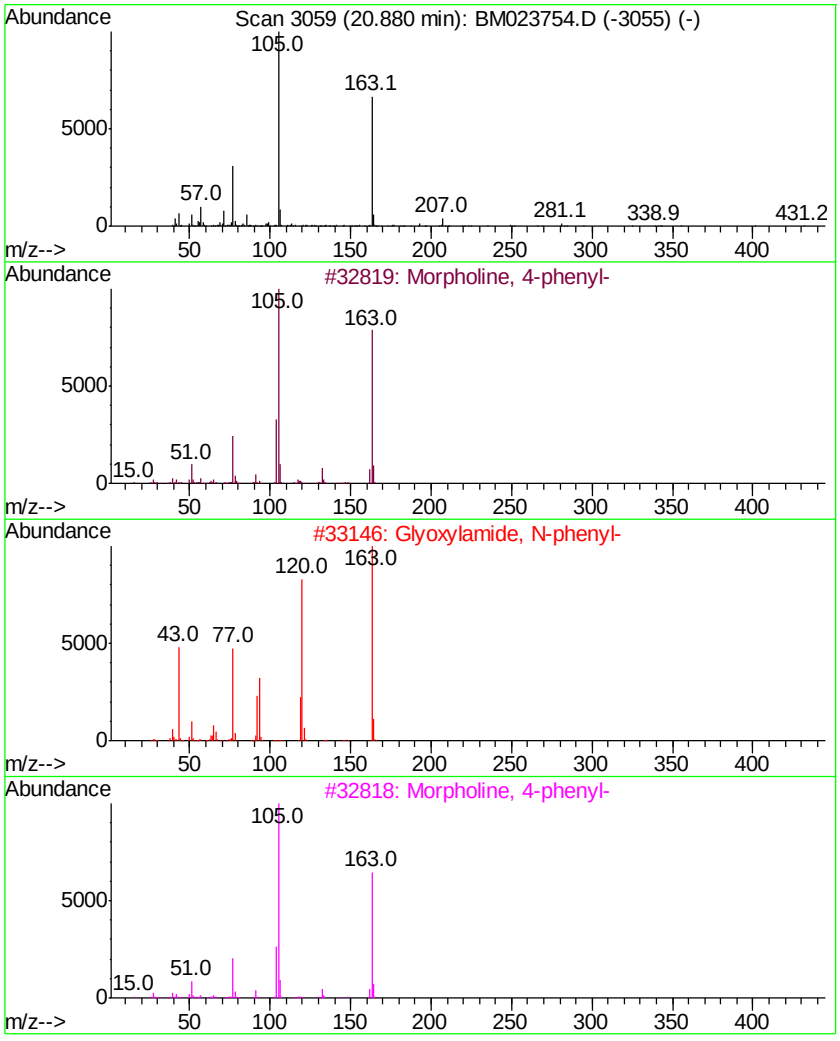
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

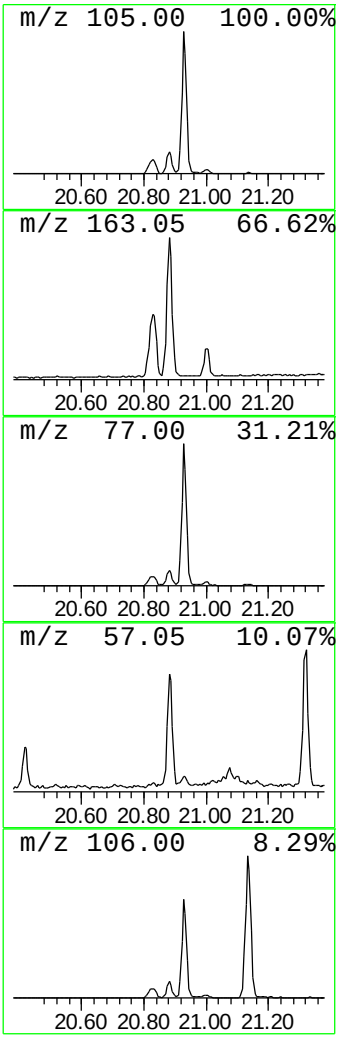
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.13 ng/ul	606225	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	47
2	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	43
3	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	42
4	Phthalic acid, 2,6-dimethoxyphen...	316	C17H16O6	1000315-74-1	35
5	4-Chlorophenyl benzoate	232	C13H9ClO2	002005-08-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

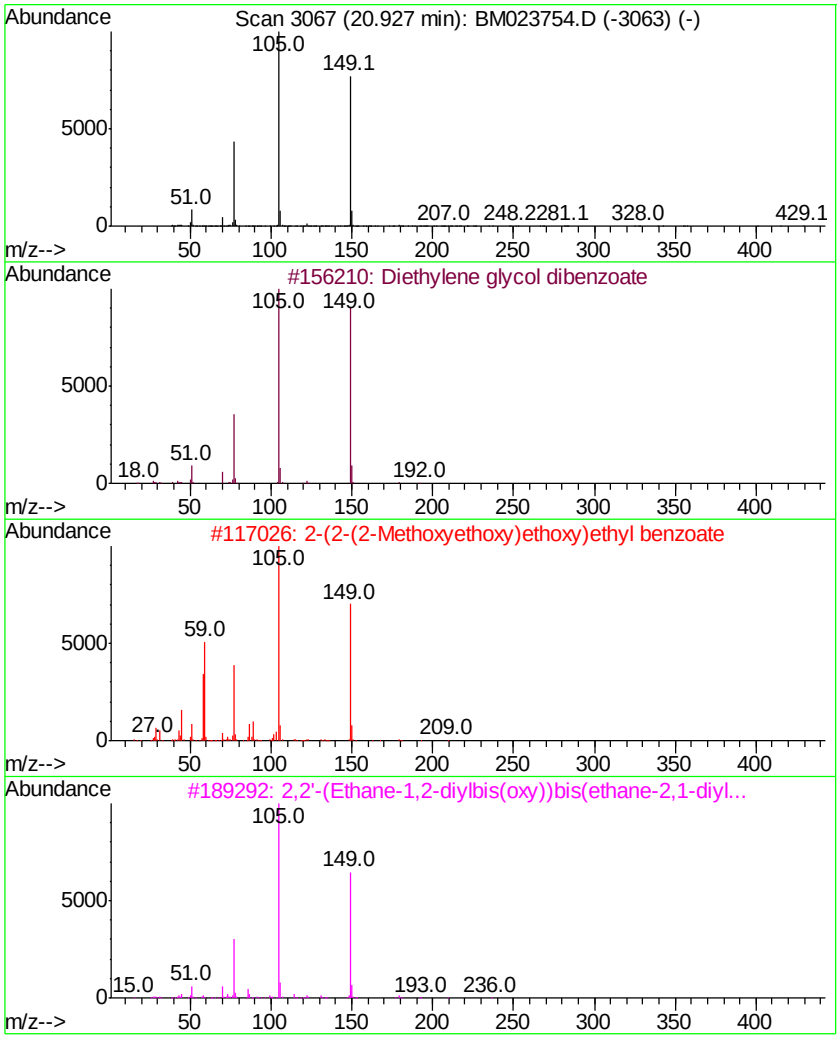
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

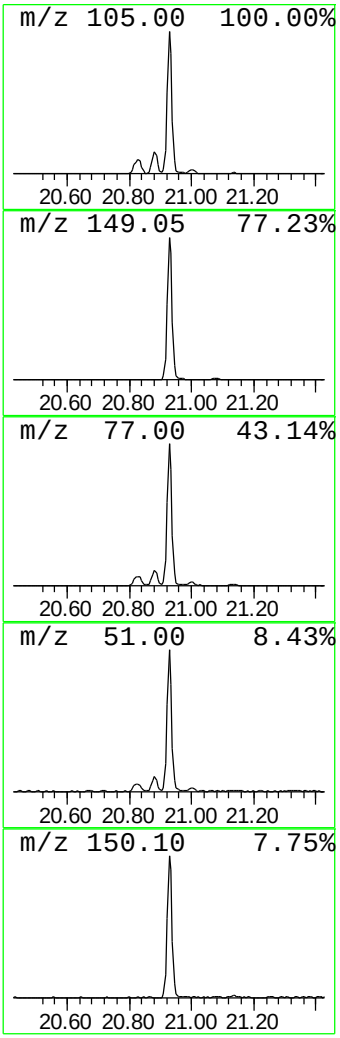
****

Peak Number 6 Diethylene glycol dibenzoate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	11.08 ng/ul	3160100	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
3	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	72
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
5	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023754.D
Acq On : 15 Nov 2019 15:29
Operator : JU
Sample : K5700-16DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	7.89	6.9	ng/ul	784231	1	7.52	2281370	20.0
Benzene, 1-propynyl-	8.06	5.4	ng/ul	614871	1	7.52	2281370	20.0
Benzo[c]thiophene	10.46	3.9	ng/ul	644481	2	10.30	3312530	20.0
Naphthalene, 1-me...	12.20	4.5	ng/ul	751694	2	10.30	3312530	20.0
unknown-01	20.88	2.1	ng/ul	606225	5	21.14	5705350	20.0
Diethylene glycol...	20.93	11.1	ng/ul	3160100	5	21.14	5705350	20.0