LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026144.D
Acq On : 27 May 2020 14:16
Operator : MA/SJ
Sample : L2737-14DL2 250X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B11DL2

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-BM051320MA.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	3.157	44	46	49	rBV4	3219	2894	0.13%	0.023%
2	3.763	146	149	152	rVB3	7636	9148	0.41%	0.073%
3	6.710	647	650	652	rBV4	2275	2744	0.12%	0.022%
4	7.034	702	705	708	rBV4	3241	3086	0.14%	0.025%
5	7.210	730	735	740	rBV3	10836	15994	0.72%	0.128%
6	7.481	774	781	792	rBV	483381	750250	33.72%	5.986%
7	7.557	792	794	801	rVB7	1440	2627	0.12%	0.021%
8	7.851	839	844	853	rVB2	27825	47853	2.15%	0.382%
9	7.945	855	860	866	rVB7	8363	13518	0.61%	0.108%
10	8.016	866	872	879	rBV	21983	37365	1.68%	0.298%
11	8.269	911	915	920	rBV5	8917	15882	0.71%	0.127%
12	8.328	921	925	931	rVB2	12798	19137	0.86%	0.153%
13	8.645	973	979	981	rBV7	2149	4367	0.20%	0.035%
14	8.716	985	991	996	rBV5	7607	14240	0.64%	0.114%
15	8.904	1018	1023	1027	rBV5	2432	4255	0.19%	0.034%
16	9.245	1078	1081	1086	rBV7	1551	3166	0.14%	0.025%
17	9.451	1112	1116	1120	rBV3	13375	22717	1.02%	0.181%
18	9.486	1120	1122	1127	rVB4	8177	10439	0.47%	0.083%
19	9.633	1143	1147	1150	rVV	27766	43402	1.95%	0.346%
20	9.669	1150	1153	1158	rVV5	13073	22553	1.01%	0.180%
21	9.716	1158	1161	1163	rVV2	3131	3951	0.18%	0.032%
22	9.763	1164	1169	1179	rVB3	20892	39136	1.76%	0.312%
23	9.886	1186	1190	1198	rVB4	5201	12662	0.57%	0.101%
24	10.151	1232	1235	1239	rVB4	4132	5167	0.23%	0.041%
25	10.245	1244	1251	1255	rVV	647018	1057649	47.54%	8.438%
26	10.292	1255	1259	1269	rVV	1402977	2224834	100.00%	17.750%
27	10.410	1273	1279	1287	rVB	54666	91178	4.10%	0.727%
28	10.810	1344	1347	1351	rBV3	5078	6737	0.30%	0.054%
29	10.886	1357	1360	1367	rVB7	2936	5160	0.23%	0.041%
30	11.104	1390	1397	1401	rBV2	15116	28260	1.27%	0.225%
31	11.292	1424	1429	1433	rBV6	3408	5557	0.25%	0.044%
32	11.345	1433	1438	1443	rVV6	3554	6018	0.27%	0.048%
33	11.651	1481	1490	1499	rVB6	14967	32608	1.47%	0.260%
34	11.757	1507	1508	1511	rVV3	2398	2648	0.12%	0.021%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2737-14DL2 250X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B11DL2

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-BM051320MA.M
Title : SVOA CALIBRATION

35	11.916	1528	1535	1541	rBV	53928	86002	3.87%	0.686%
36	12.139	1568	1573	1578	rVV2	32730	47263	2.12%	0.377%
37	12.333	1603	1606	1610	rVB4	3379	5708	0.26%	0.046%
38	12.610	1650	1653	1656	rVB5	2161	2597	0.12%	0.021%
39	12.727	1669	1673	1676	rBV5	1736	2547	0.11%	0.020%
40	12.957	1704	1712	1723	rVB5	8767	25781	1.16%	0.206%
41	13.157	1743	1746	1750	rVB4	2333	2860	0.13%	0.023%
42	13.286	1761	1768	1769	rBV7	4259	4667	0.21%	0.037%
43	13.310	1769	1772	1777	rVB6	2268	4201	0.19%	0.034%
44	13.398	1785	1787	1790	rBV4	2179	2473	0.11%	0.020%
45	13.451	1790	1796	1803	rVV8	5152	9585	0.43%	0.076%
46	13.504	1803	1805	1810	rVB5	3454	4105	0.18%	0.033%
47	13.557	1810	1814	1817	rBV4	4889	6460	0.29%	0.052%
48	13.639	1824	1828	1831	rVB3	3319	4253	0.19%	0.034%
49	13.680	1831	1835	1836	rBV4	2727	2526	0.11%	0.020%
50	13.816	1855	1858	1862	rVV4	5346	7875	0.35%	0.063%
51	13.851	1862	1864	1869	rVB6	3374	5381	0.24%	0.043%
52	13.974	1882	1885	1889	rVV5	2610	4254	0.19%	0.034%
53	14.127	1901	1911	1918	rBV	889369	1269297	57.05%	10.127%
54	14.192	1918	1922	1931	rVB	64666	91175	4.10%	0.727%
55	14.268	1931	1935	1940	rBV	9535	13066	0.59%	0.104%
56	14.327	1940	1945	1956	rVB2	24451	40220	1.81%	0.321%
57	14.427	1956	1962	1968	rBV4	29341	58459	2.63%	0.466%
58	14.533	1974	1980	1990	rVB3	29373	56543	2.54%	0.451%
59	14.645	1996	1999	2002	rBV3	4804	5827	0.26%	0.046%
60	14.874	2032	2038	2044	rBV4	12465	24890	1.12%	0.199%
61	15.015	2058	2062	2063	rBV4	2774	3365	0.15%	0.027%
62	15.133	2076	2082	2086	rBV4	6699	11768	0.53%	0.094%
63	15.186	2086	2091	2097	rVB	28942	42329	1.90%	0.338%
64	15.339	2108	2117	2123	rBV6	7838	18945	0.85%	0.151%
65	15.433	2127	2133	2137	rVB7	6398	12468	0.56%	0.099%
66	15.580	2153	2158	2161	rBV6	4808	7071	0.32%	0.056%
67	15.862	2200	2206	2216	rBV8	10405	22473	1.01%	0.179%
68	16.027	2225	2234	2240	rBV	121709	228721	10.28%	1.825%
69	16.098	2240	2246	2253	rVV2	111767	209906	9.43%	1.675%
70	16.162	2253	2257	2264	rVB3	17306	31417	1.41%	0.251%
71	16.386	2289	2295	2301	rVV3	22330	34193	1.54%	0.273%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B11DL2

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

72	16.433	2301	2303	2308	rVB5	2836	4609	0.21%	0.037%
73	16.504	2312	2315	2323	rBV4	13051	20457	0.92%	0.163%
74	16.680	2339	2345	2351	rVV5	25271	49780	2.24%	0.397%
75	16.804	2363	2366	2370	rBV6	3064	4132	0.19%	0.033%
76	16.874	2372	2378	2383	rVV	1053150	1482806	66.65%	11.830%
77	16.915	2383	2385	2389	rVV	54829	80904	3.64%	0.645%
78	16.980	2393	2396	2405	rVV3	35586	68169	3.06%	0.544%
79	17.080	2408	2413	2422	rVB8	13090	29455	1.32%	0.235%
80	17.198	2428	2433	2440	rBV2	19839	41407	1.86%	0.330%
81	17.286	2442	2448	2454	rVB	81967	117802	5.29%	0.940%
82	17.386	2461	2465	2470	rBV3	18060	29005	1.30%	0.231%
83	17.451	2472	2476	2480	rVB	19413	23852	1.07%	0.190%
84	17.521	2486	2488	2492	rVB5	2557	2681	0.12%	0.021%
85	17.633	2503	2507	2508	rBV4	3984	4181	0.19%	0.033%
86	17.721	2518	2522	2527	rBV6	7485	9054	0.41%	0.072%
87	17.798	2531	2535	2538	rBV3	9072	12414	0.56%	0.099%
88	17.880	2545	2549	2554	rVB2	12334	20393	0.92%	0.163%
89	17.945	2554	2560	2562	rBV7	6706	11023	0.50%	0.088%
90	18.027	2571	2574	2577	rBV5	2932	4500	0.20%	0.036%
91	18.098	2584	2586	2588	rVB3	4107	2942	0.13%	0.023%
92	18.203	2600	2604	2606	rBV4	3256	4516	0.20%	0.036%
93	18.380	2633	2634	2637	rBV3	3097	3666	0.16%	0.029%
94	18.733	2692	2694	2698	rBV4	2529	3825	0.17%	0.031%
95	18.945	2726	2730	2733	rBV2	13533	17409	0.78%	0.139%
96	19.145	2762	2764	2770	rVB3	9358	13040	0.59%	0.104%
97	19.274	2783	2786	2789	rBV4	9906	14105	0.63%	0.113%
98	19.339	2794	2797	2801	rVB3	16311	22046	0.99%	0.176%
99	21.074	3087	3092	3100	rBV	1393069	1750514	78.68%	13.966%
100	23.191	3447	3452	3460	rVB	1011776	1707559	76.75%	13.623%

Sum of corrected areas: 12534119

LSC Report - Integrated Chromatogram

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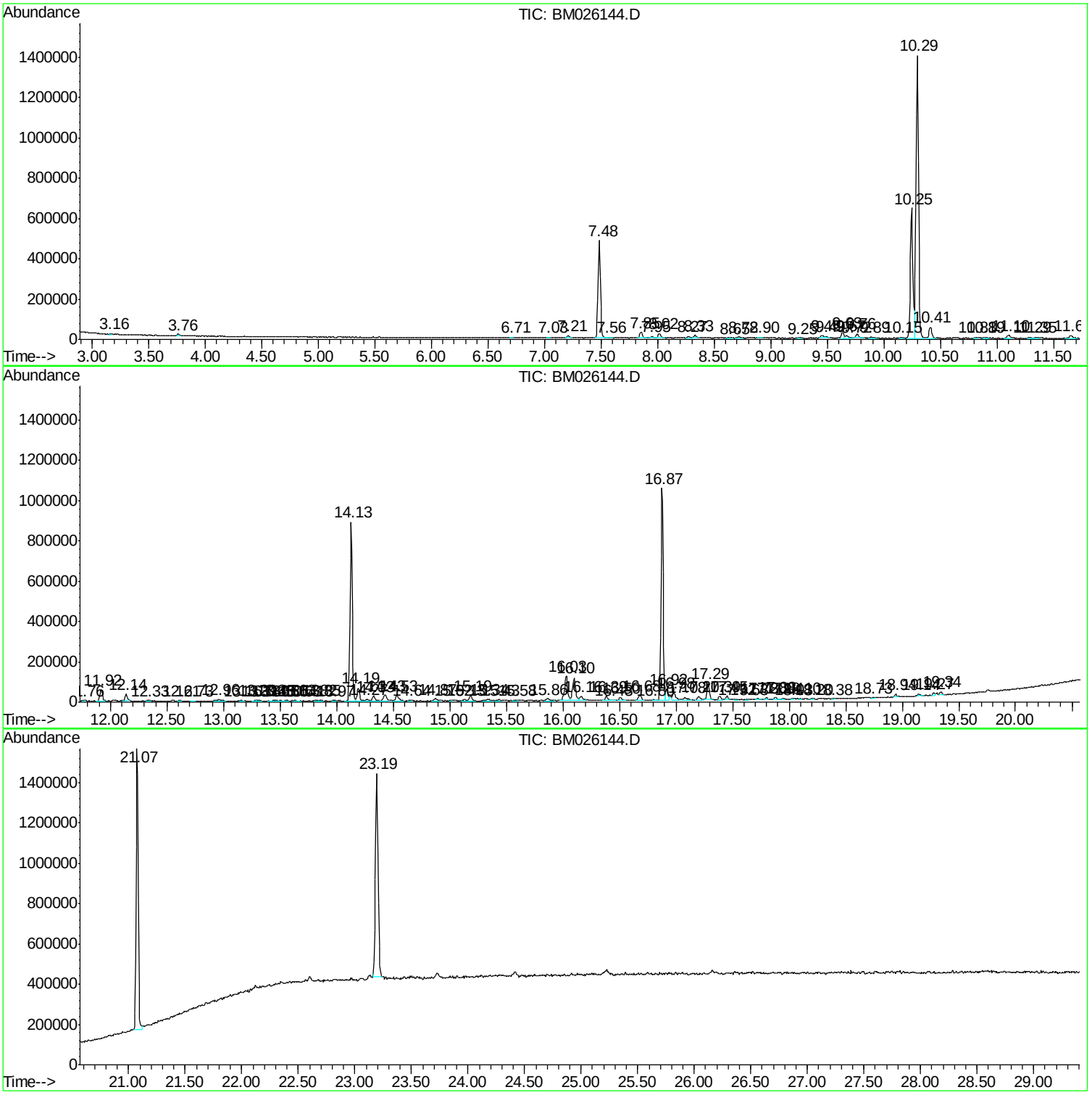
Sample : L2737-14DL2 250X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B11DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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\BM052720\
Data File : BM026144.D
Acq On : 27 May 2020 14:16
Operator : MA/SJ
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B11DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

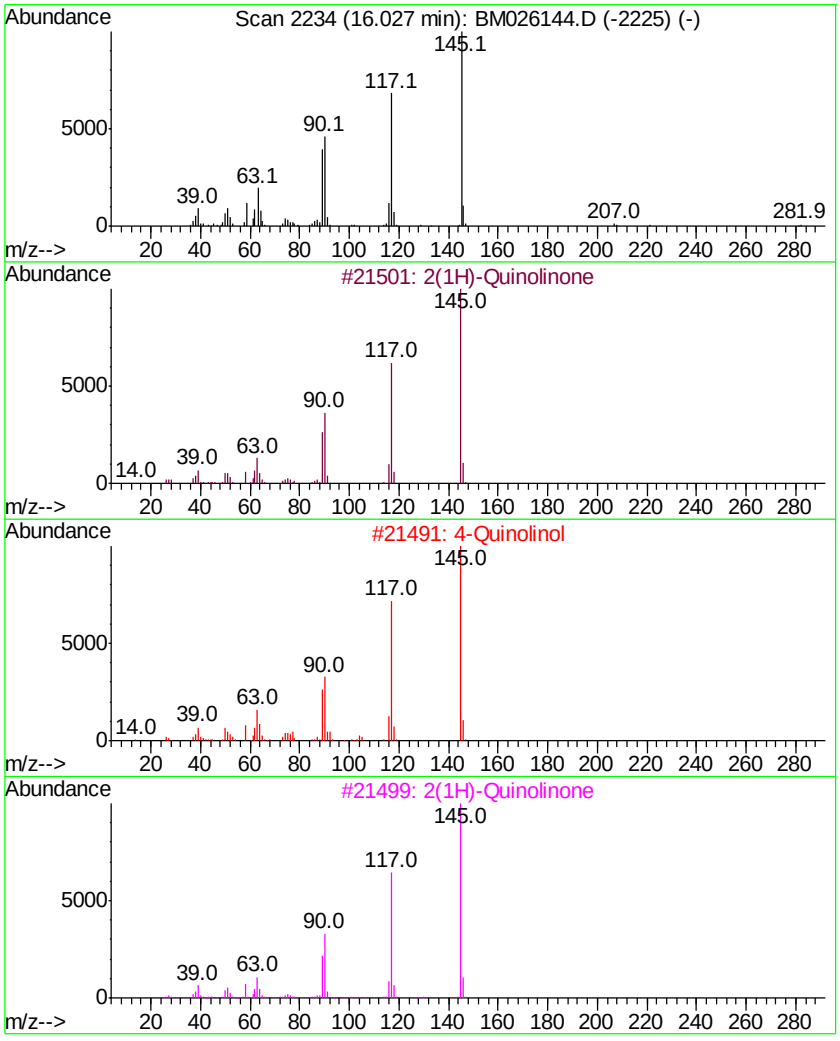
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

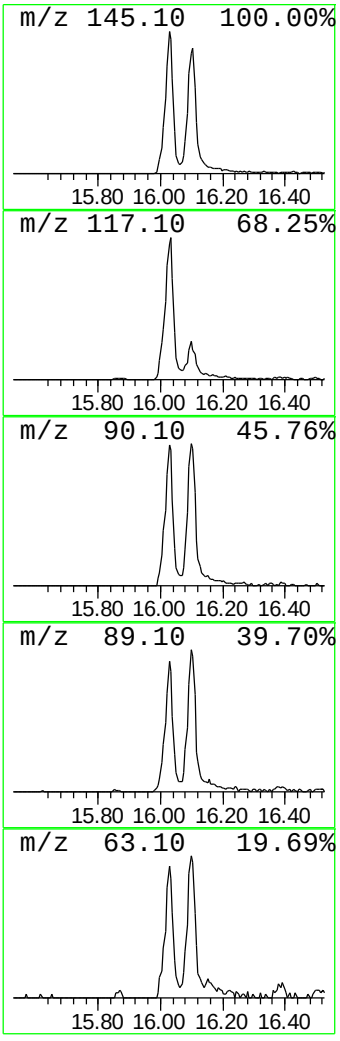
****

Peak Number 1 2(1H)-Quinolinone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.08 ng/ul	228721	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	93
2	4-Quinolinol	145	C9H7NO	000611-36-9	93
3	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	93
4	Indole	117	C8H7N	000120-72-9	92
5	5-Isoquinolinol	145	C9H7NO	002439-04-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
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Instrument : BNA_M
ClientSampleId : F9B11DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

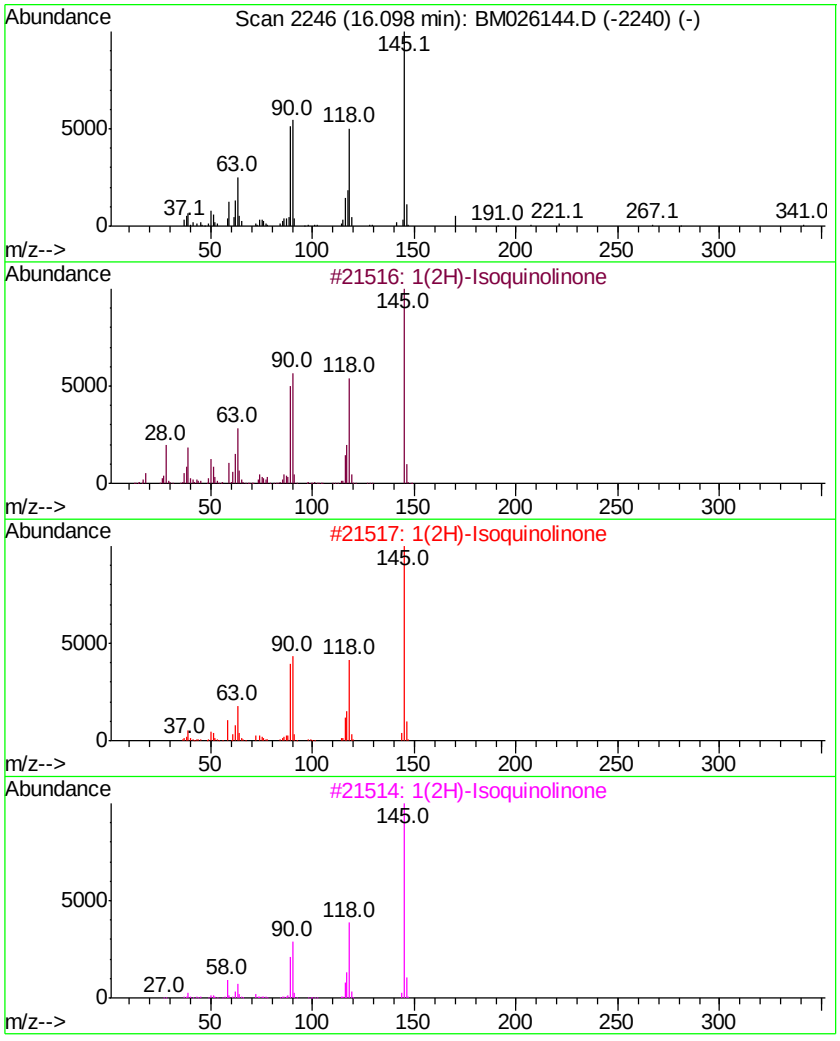
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

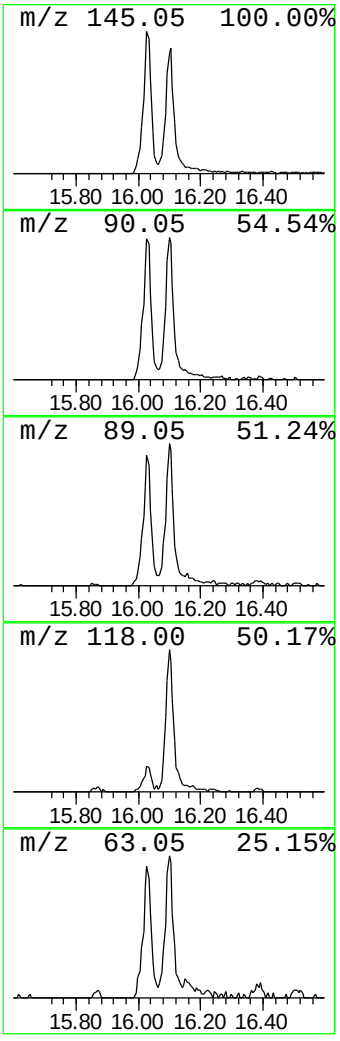
****

Peak Number 2 1(2H)-Isoquinolinone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.83 ng/ul	209906	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	98
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	97
3	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	94
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	90
5	Benzofuran	118	C8H6O	000271-89-6	78





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
2(1H)-Quinolinone	16.03	3.1	ng/ul	228721	4	16.87	1482810	20.0
1(2H)-Isoquinolinone	16.10	2.8	ng/ul	209906	4	16.87	1482810	20.0