LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

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-BM032219MA.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	3.310	53	55	57	rBV3	3771	3098	0.10%	0.015%
2	5.228	377	381	384	rBV5	2334	4156	0.14%	0.020%
3	5.575	436	440	447	rBV5	7075	14109	0.46%	0.069%
4	5.669	450	456	464	rVB3	7282	15947	0.52%	0.078%
5	6.651	617	623	630	rVB	159702	213235	7.02%	1.048%
6	6.775	638	644	647	rBV2	18298	38363	1.26%	0.189%
7	6.939	668	672	680	rBV	13309	29091	0.96%	0.143%
8	6.998	680	682	686	rVB4	3551	4150	0.14%	0.020%
9	7.110	697	701	715	rBV	28100	58425	1.92%	0.287%
10	7.569	773	779	793	rBV	383186	660126	21.73%	3.246%
11	8.316	901	906	917	rBV2	18795	47770	1.57%	0.235%
12	8.763	976	982	990	rBV2	17981	38744	1.28%	0.191%
13	9.069	1026	1034	1039	rVB	49344	72326	2.38%	0.356%
14	9.475	1096	1103	1115	rVB3	12517	31405	1.03%	0.154%
15	10.033	1192	1198	1208	rBV3	10754	34962	1.15%	0.172%
16	10.351	1245	1252	1265	rBV	569174	1004998	33.08%	4.942%
17	10.433	1265	1266	1273	rVB2	3036	3561	0.12%	0.018%
18	10.575	1282	1290	1291	rBV4	8081	15274	0.50%	0.075%
19	11.551	1452	1456	1461	rVB2	9380	13834	0.46%	0.068%
20	11.763	1487	1492	1497	rBV4	8638	15076	0.50%	0.074%
21	12.821	1667	1672	1676	rBV4	3206	4074	0.13%	0.020%
22	13.657	1809	1814	1818	rBV	79740	117184	3.86%	0.576%
23	13.704	1818	1822	1827	rVB2	31635	52247	1.72%	0.257%
24	13.886	1845	1853	1855	rBV3	25715	46002	1.51%	0.226%
25	13.927	1855	1860	1868	rVB	89031	160320	5.28%	0.788%
26	14.039	1875	1879	1882	rBV2	3701	4944	0.16%	0.024%
27	14.116	1889	1892	1897	rVB5	5251	8826	0.29%	0.043%
28	14.174	1897	1902	1903	rBV2	2167	3321	0.11%	0.016%
29	14.233	1905	1912	1921	rBV2	925903	1476069	48.58%	7.258%
30	14.327	1926	1928	1932	rVB3	2770	3127	0.10%	0.015%
31	14.668	1983	1986	1987	rBV2	3095	3256	0.11%	0.016%
32	15.021	2037	2046	2052	rBV	49978	68781	2.26%	0.338%
33	15.068	2052	2054	2059	rVB2	8683	11065	0.36%	0.054%
34	15.233	2077	2082	2099	rBV	125274	223711	7.36%	1.100%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

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-BM032219MA.M
Title : SVOA CALIBRATION

35	15.480	2112	2124	2128	rBV6	10097	23069	0.76%	0.113%
36	15.686	2157	2159	2162	rBV3	2992	3289	0.11%	0.016%
37	15.886	2187	2193	2198	rBV	92541	115460	3.80%	0.568%
38	15.951	2198	2204	2210	rVB5	22485	43641	1.44%	0.215%
39	16.274	2256	2259	2263	rBV6	3528	5216	0.17%	0.026%
40	16.515	2296	2300	2304	rBV4	11824	17597	0.58%	0.087%
41	16.586	2309	2312	2314	rBV3	4731	5347	0.18%	0.026%
42	16.633	2319	2320	2324	rBV4	4183	3428	0.11%	0.017%
43	16.756	2333	2341	2344	rBV	67648	108015	3.55%	0.531%
44	16.862	2355	2359	2362	rBV2	28525	34329	1.13%	0.169%
45	16.992	2373	2381	2387	rBV	1168777	1735589	57.12%	8.534%
46	17.092	2393	2398	2409	rBV2	153887	244078	8.03%	1.200%
47	17.274	2427	2429	2430	rBV2	7481	7229	0.24%	0.036%
48	17.380	2444	2447	2449	rBV4	5251	5963	0.20%	0.029%
49	17.468	2459	2462	2466	rVB5	12773	15971	0.53%	0.079%
50	17.580	2479	2481	2484	rBV4	4120	5912	0.19%	0.029%
51	17.709	2499	2503	2507	rBV2	18849	27454	0.90%	0.135%
52	17.880	2527	2532	2537	rBV6	25292	45406	1.49%	0.223%
53	17.962	2542	2546	2550	rVV	39679	50397	1.66%	0.248%
54	18.051	2557	2561	2567	rBV	132138	192738	6.34%	0.948%
55	18.156	2574	2579	2581	rBV	114132	151658	4.99%	0.746%
56	18.203	2581	2587	2593	rVB	177558	341067	11.23%	1.677%
57	18.345	2609	2611	2612	rBV2	6007	5238	0.17%	0.026%
58	18.750	2674	2680	2685	rBV	74467	110989	3.65%	0.546%
59	18.803	2687	2689	2694	rVB5	13137	17499	0.58%	0.086%
60	18.898	2701	2705	2710	rBV	78027	117218	3.86%	0.576%
61	19.027	2725	2727	2728	rBV2	14409	12230	0.40%	0.060%
62	19.062	2729	2733	2737	rVB	54416	80072	2.64%	0.394%
63	19.174	2749	2752	2754	rBV3	17182	20779	0.68%	0.102%
64	19.309	2773	2775	2783	rVB7	19624	26627	0.88%	0.131%
65	19.398	2785	2790	2794	rBV2	254652	374144	12.31%	1.840%
66	19.456	2795	2800	2813	rVB	757863	1118348	36.81%	5.499%
67	19.933	2874	2881	2888	rBV2	75100	228586	7.52%	1.124%
68	19.997	2889	2892	2897	rVB4	52572	81265	2.67%	0.400%
69	20.333	2945	2949	2954	rBV	945758	1083389	35.66%	5.327%
70	20.897	3041	3045	3048	rBV3	92148	144018	4.74%	0.708%
71	21.103	3076	3080	3085	rBV	2769905	3038422	100.00%	14.940%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

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-BM032219MA.M
Title : SVOA CALIBRATION

72	21.197	3091	3096	3101	rBV2	1992722	2667387	87.79%	13.116%
73	22.703	3349	3352	3356	rBV	141069	180091	5.93%	0.886%
74	23.256	3442	3446	3453	rBV2	290079	496489	16.34%	2.441%
75	23.403	3465	3471	3479	rVB	1608026	2850178	93.80%	14.014%

Sum of corrected areas: 20337399

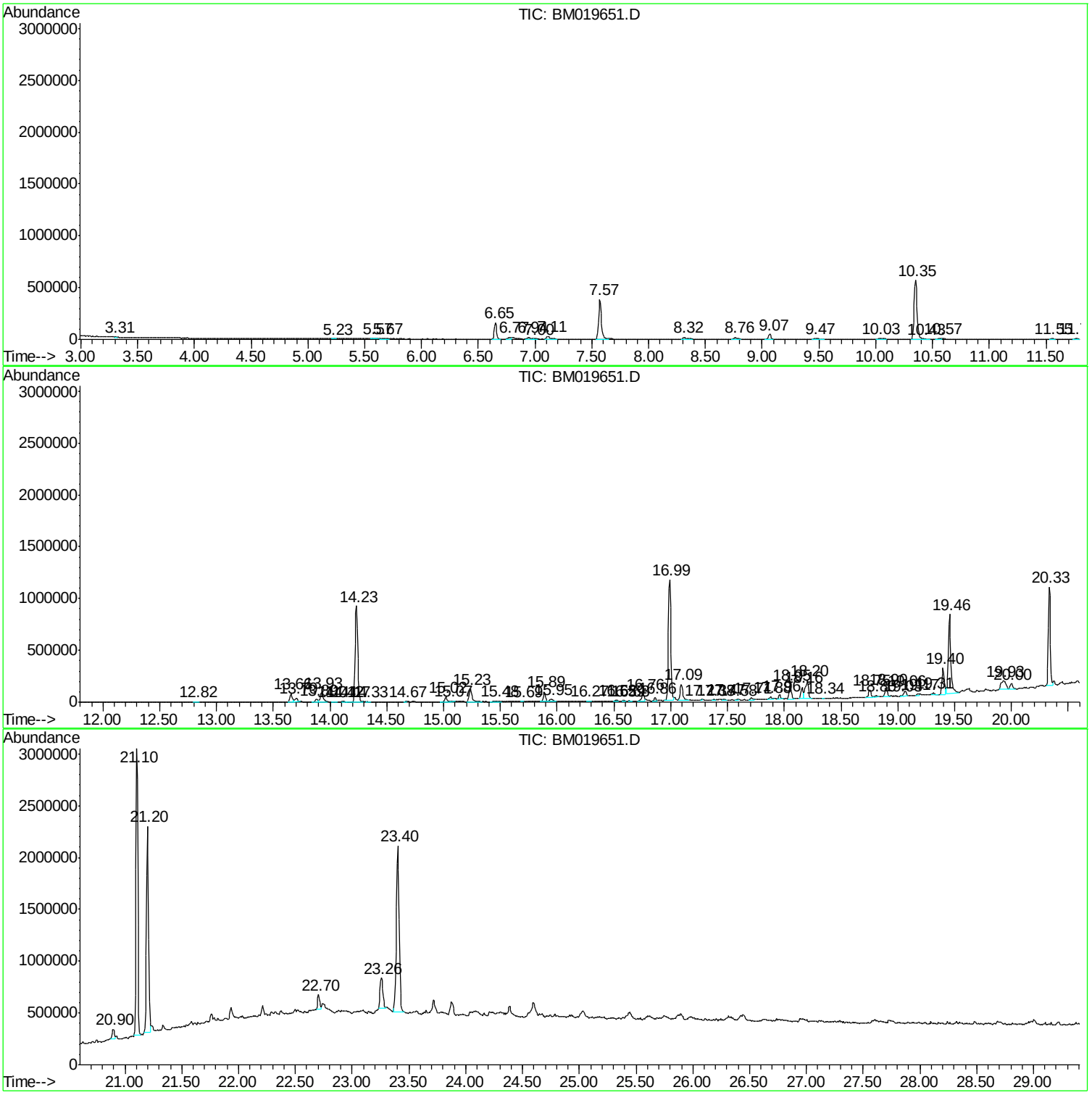
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

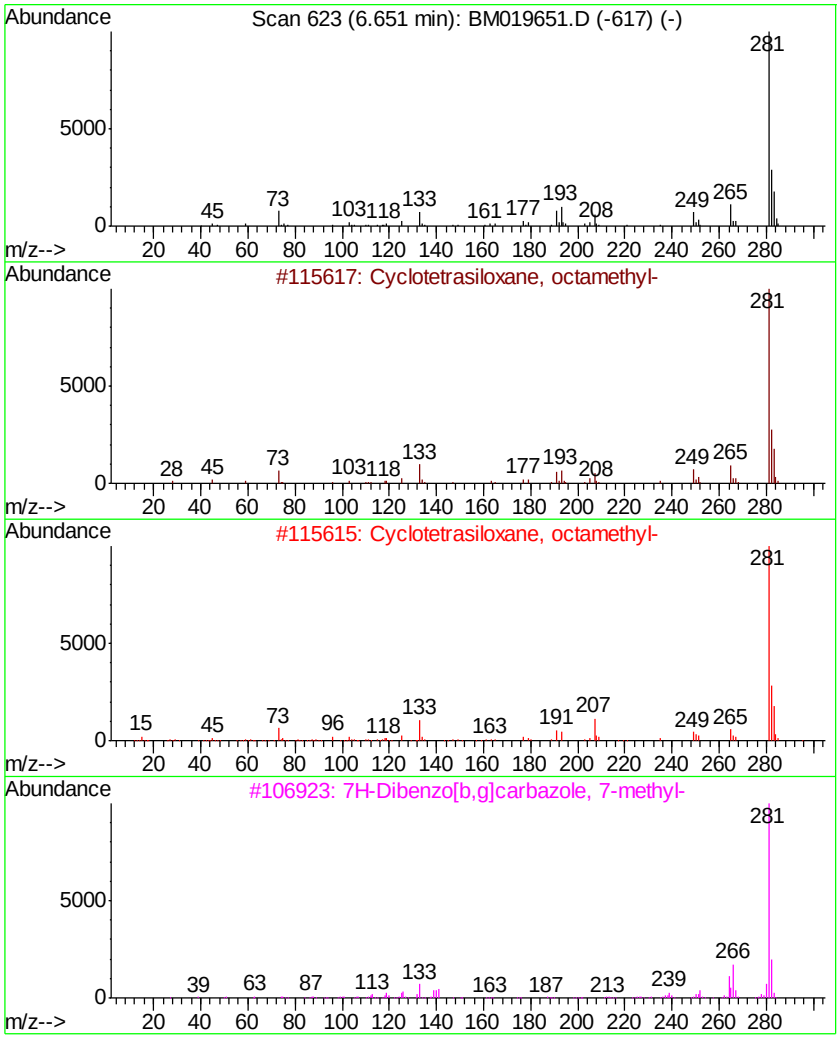
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

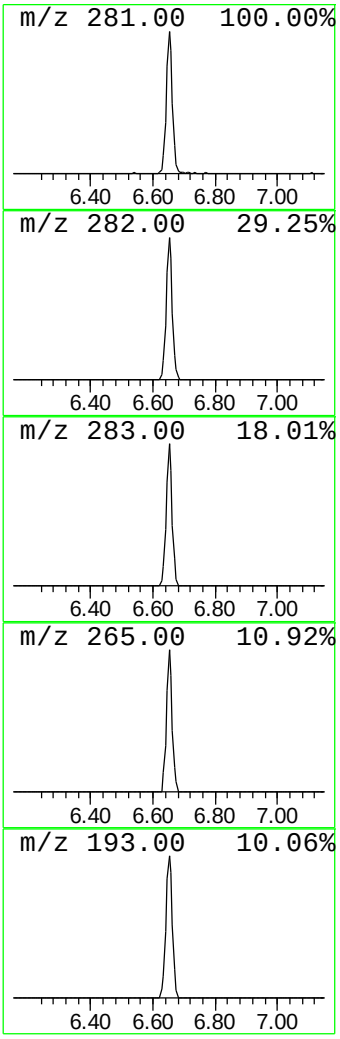
****

Peak Number 1 Cyclotetrasiloxane, octamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	6.46 ng/ul	213235	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
3	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	64
4	Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	59
5	trans-4-(2-(5-Nitro-2-furyl)viny...	281	C15H11N3O3	000847-10-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

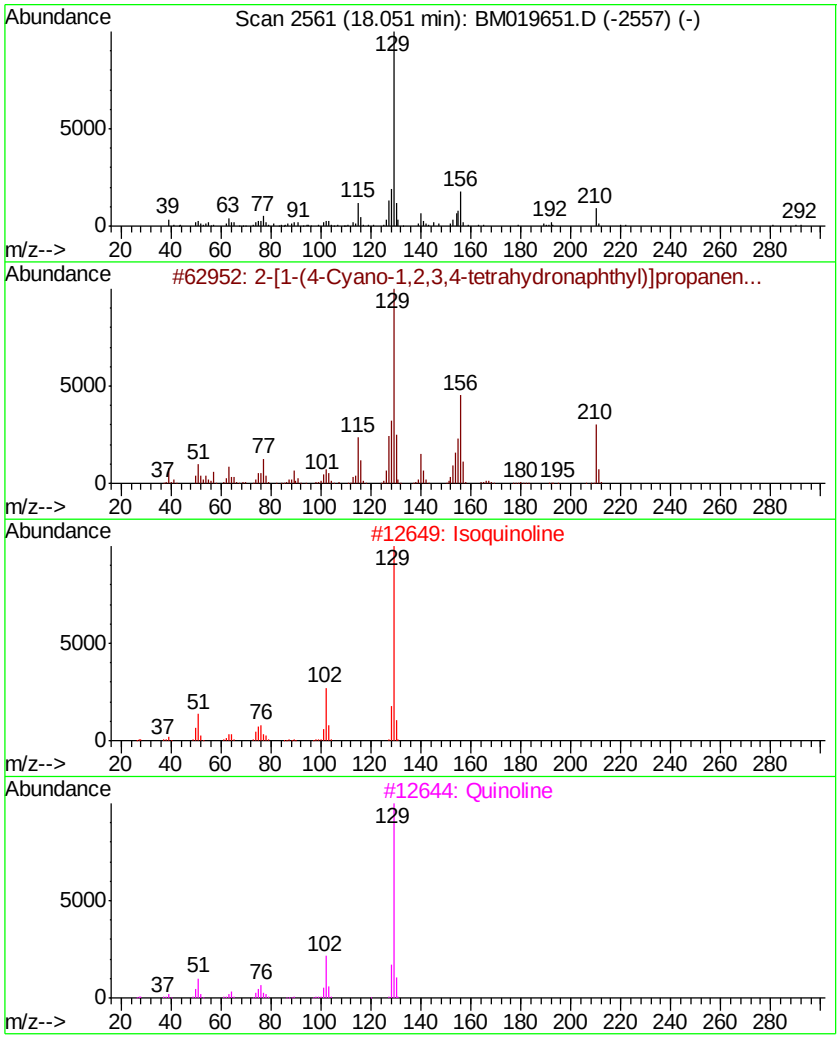
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

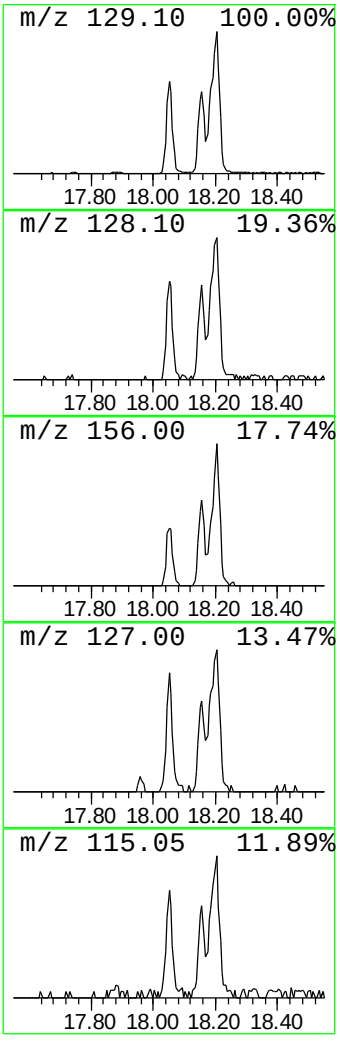
****

Peak Number 2 2-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.22 ng/ul	192738	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	64
2	Isoquinoline	129	C9H7N	000119-65-3	58
3	Quinoline	129	C9H7N	000091-22-5	58
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	53
5	Quinoline	129	C9H7N	000091-22-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

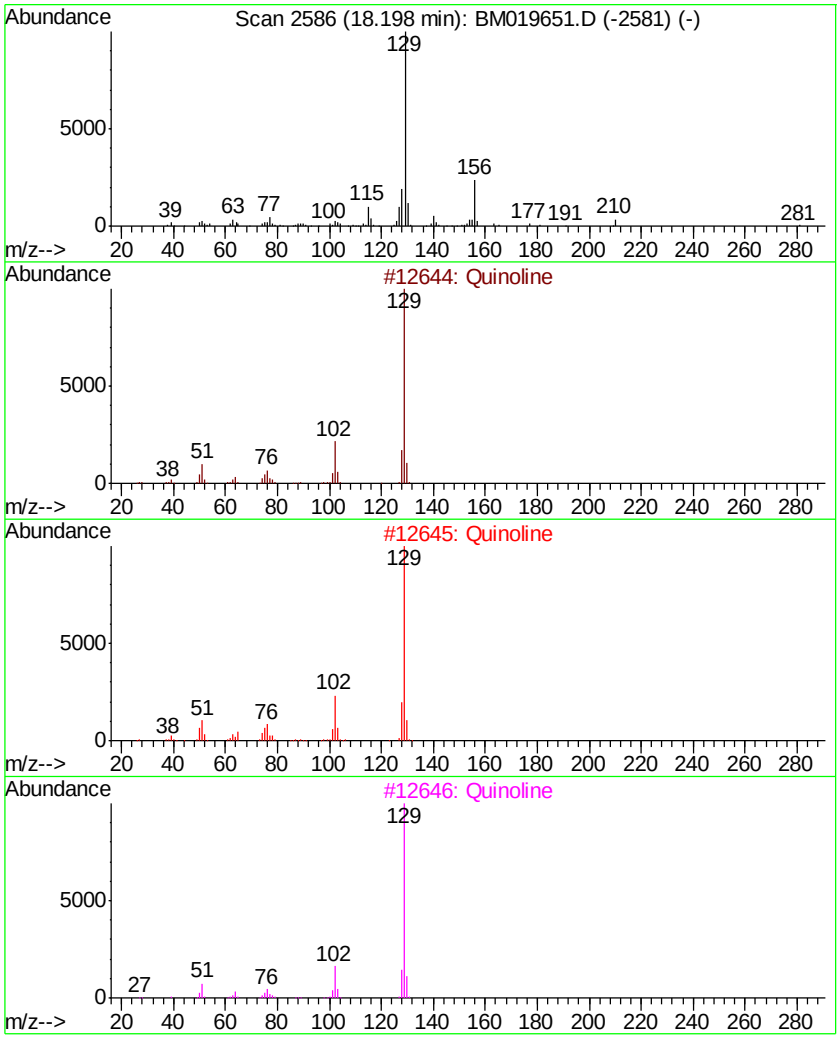
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

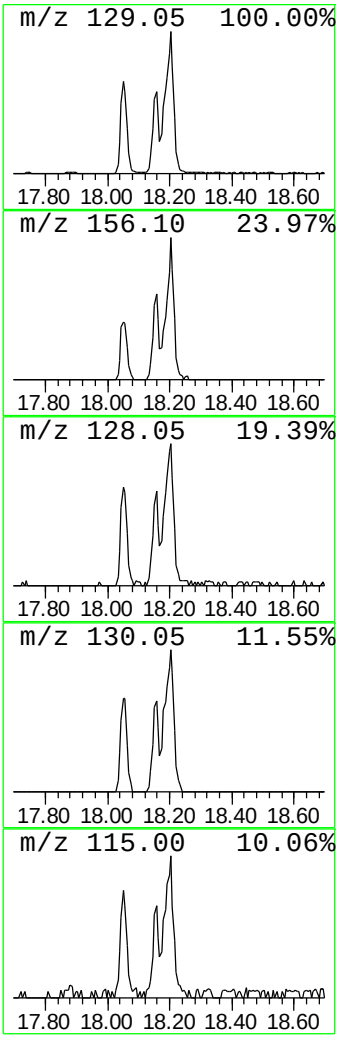
****

Peak Number 3 Quinoline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.93 ng/ul	341067	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	52
2	Quinoline	129	C9H7N	000091-22-5	50
3	Quinoline	129	C9H7N	000091-22-5	50
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	40
5	Quinoline	129	C9H7N	000091-22-5	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

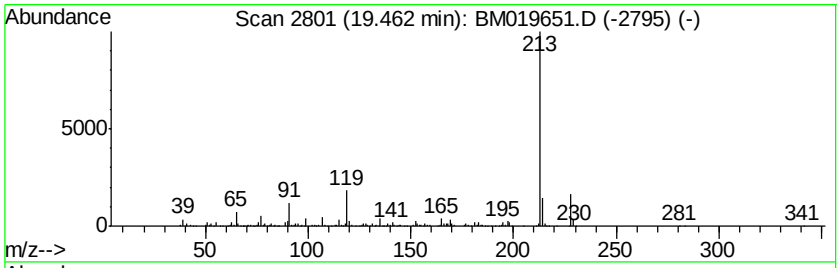
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

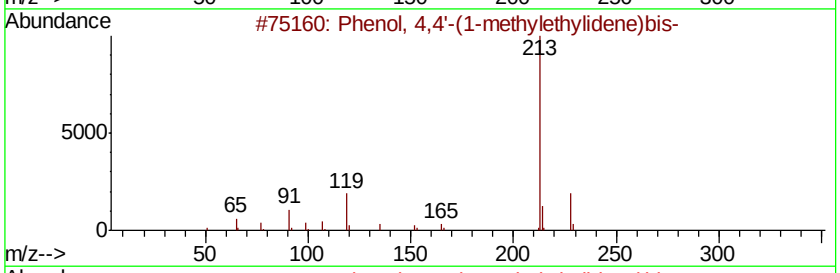
****

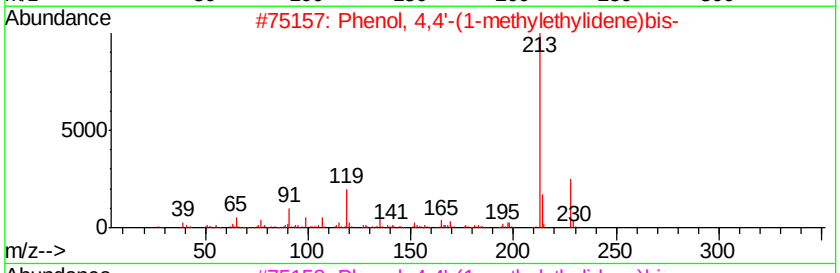
Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

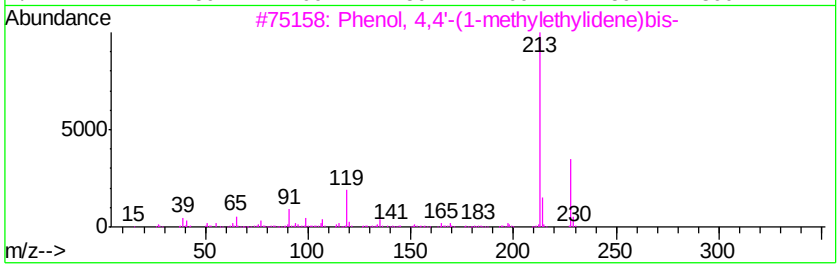
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	8.39 ng/ul	1118350	Chrysene-d12	21.20

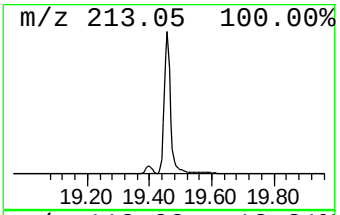
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	92
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	91
4	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	47
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47

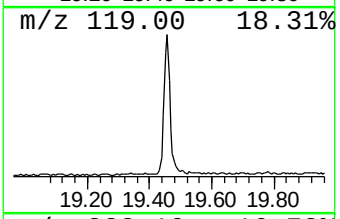


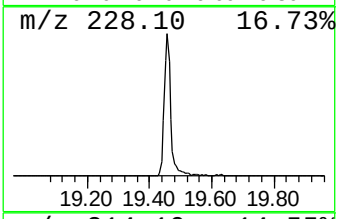


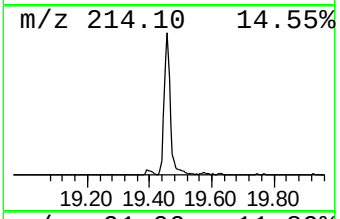


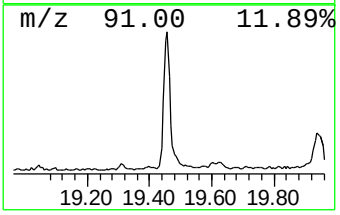












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019651.D
Acq On : 01 Apr 2019 12:46
Operator : JU/SJ
Sample : K2044-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
Cyclotetrasiloxan...	6.65	6.5	ng/ul	213235	1	7.57	660126	20.0
2-[1-(4-Cyano-1,2...	18.05	2.2	ng/ul	192738	4	16.99	1735590	20.0
Quinoline	18.20	3.9	ng/ul	341067	4	16.99	1735590	20.0
Phenol, 4,4'-(1-m...	19.46	8.4	ng/ul	1118350	5	21.20	2667390	20.0