LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04B2RX

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_G\METHODS\SOM02.2-EPA-BG122415.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	3.062	35	38	39	rBV2	877	676	0.18%	0.020%
2	3.091	39	43	53	rVV	17596	33308	8.63%	1.000%
3	3.174	53	57	66	rVB	21711	29183	7.56%	0.876%
4	3.520	112	116	117	rBV2	872	846	0.22%	0.025%
5	4.319	249	252	255	rBV	777	1132	0.29%	0.034%
6	4.537	285	289	298	rVB	7937	13501	3.50%	0.405%
7	5.148	387	393	402	rVV	34926	52513	13.61%	1.577%
8	5.447	441	444	449	rVV	1123	1612	0.42%	0.048%
9	5.524	455	457	461	rVB	600	740	0.19%	0.022%
10	7.239	744	749	759	rVB3	5304	10626	2.75%	0.319%
11	7.398	768	776	787	rBV	20910	34807	9.02%	1.045%
12	7.610	806	812	821	rBB	22680	39068	10.13%	1.173%
13	8.080	885	892	900	rBV	49781	82133	21.29%	2.466%
14	8.785	1007	1012	1021	rBV3	16597	28402	7.36%	0.853%
15	9.243	1084	1090	1101	rBB	26158	47993	12.44%	1.441%
16	9.631	1153	1156	1161	rBB2	1215	1936	0.50%	0.058%
17	9.971	1208	1214	1223	rBB2	23407	39390	10.21%	1.183%
18	10.512	1300	1306	1320	rBB	33001	60821	15.76%	1.826%
19	10.894	1364	1371	1378	rBV	65831	119200	30.89%	3.579%
20	12.404	1624	1628	1634	rBB2	2171	3077	0.80%	0.092%
21	14.108	1912	1918	1923	rBV	85013	121938	31.60%	3.661%
22	14.155	1923	1926	1933	rVB	23978	32326	8.38%	0.970%
23	14.407	1962	1969	1977	rBV	86168	135320	35.07%	4.063%
24	14.590	1995	2000	2006	rBB	4535	6329	1.64%	0.190%
25	14.713	2014	2021	2028	rVV2	120845	192477	49.89%	5.779%
26	14.925	2052	2057	2065	rBV2	2109	4098	1.06%	0.123%
27	15.024	2072	2074	2076	rBV	869	844	0.22%	0.025%
28	15.042	2076	2077	2080	rVV2	868	649	0.17%	0.019%
29	15.089	2083	2085	2089	rVB	633	673	0.17%	0.020%
30	15.207	2100	2105	2108	rBB	1231	1868	0.48%	0.056%
31	15.271	2112	2116	2118	rBV	992	1140	0.30%	0.034%
32	15.494	2151	2154	2156	rBV	650	888	0.23%	0.027%
33	15.536	2156	2161	2167	rVB2	10003	12932	3.35%	0.388%
34	15.588	2167	2170	2171	rBV2	653	707	0.18%	0.021%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04B2RX

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_G\METHODS\SOM02.2-EPA-BG122415.M
Title : SVOA CALIBRATION

35	15.700	2183	2189	2197	rVV	129686	189952	49.23%	5.703%
36	15.818	2204	2209	2216	rBV	33570	50918	13.20%	1.529%
37	15.941	2223	2230	2234	rBV2	4049	7378	1.91%	0.222%
38	15.976	2234	2236	2242	rVB3	1190	1617	0.42%	0.049%
39	16.035	2242	2246	2249	rBB	1617	2222	0.58%	0.067%
40	16.088	2251	2255	2259	rVB2	1906	2460	0.64%	0.074%
41	16.152	2262	2266	2269	rVV2	1688	2067	0.54%	0.062%
42	16.282	2284	2288	2291	rVB2	570	682	0.18%	0.020%
43	16.393	2303	2307	2316	rBV	13546	22945	5.95%	0.689%
44	16.452	2316	2317	2318	rVV	1388	672	0.17%	0.020%
45	16.523	2328	2329	2333	rVB	720	651	0.17%	0.020%
46	16.576	2333	2338	2341	rBV3	1270	1810	0.47%	0.054%
47	16.664	2349	2353	2354	rVV	952	803	0.21%	0.024%
48	16.740	2362	2366	2369	rVV3	1935	3287	0.85%	0.099%
49	16.769	2369	2371	2374	rVV	1061	1271	0.33%	0.038%
50	16.805	2374	2377	2379	rVV	1056	1076	0.28%	0.032%
51	16.852	2381	2385	2390	rVB3	1397	2413	0.63%	0.072%
52	16.899	2390	2393	2396	rBV2	1649	1937	0.50%	0.058%
53	16.969	2401	2405	2408	rBV	1354	2051	0.53%	0.062%
54	16.999	2408	2410	2415	rVB	876	906	0.23%	0.027%
55	17.187	2438	2442	2447	rVV	8126	10438	2.71%	0.313%
56	17.239	2447	2451	2456	rVV2	3063	3862	1.00%	0.116%
57	17.457	2482	2488	2498	rVV	183115	275386	71.37%	8.268%
58	17.551	2498	2504	2517	rVB2	144537	219599	56.92%	6.593%
59	17.645	2517	2520	2521	rBV2	610	636	0.16%	0.019%
60	17.927	2565	2568	2573	rBV3	2253	3029	0.79%	0.091%
61	18.321	2631	2635	2641	rBV2	17256	24278	6.29%	0.729%
62	18.403	2644	2649	2653	rVB2	1271	1943	0.50%	0.058%
63	19.131	2771	2773	2776	rBV2	588	690	0.18%	0.021%
64	19.261	2791	2795	2797	rVB2	729	809	0.21%	0.024%
65	19.325	2803	2806	2808	rBV2	797	1010	0.26%	0.030%
66	19.378	2812	2815	2816	rBV	805	844	0.22%	0.025%
67	19.472	2828	2831	2835	rVB2	1660	2401	0.62%	0.072%
68	19.590	2848	2851	2858	rBV2	8362	11929	3.09%	0.358%
69	19.666	2863	2864	2867	rVB3	1284	952	0.25%	0.029%
70	19.725	2867	2874	2876	rBV4	1527	2932	0.76%	0.088%
71	19.836	2887	2893	2902	rBV	220635	299226	77.55%	8.983%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04B2RX

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_G\METHODS\SOM02.2-EPA-BG122415.M
Title : SVOA CALIBRATION

72	19.977	2914	2917	2918	rBV4	651	694	0.18%	0.021%
73	20.007	2921	2922	2925	rBV2	1697	1433	0.37%	0.043%
74	20.124	2939	2942	2945	rVB4	1003	1224	0.32%	0.037%
75	20.324	2972	2976	2977	rBV4	1180	1457	0.38%	0.044%
76	20.406	2988	2990	2994	rVB4	1476	1770	0.46%	0.053%
77	20.453	2994	2998	2999	rBV2	1521	1596	0.41%	0.048%
78	20.483	2999	3003	3006	rBV4	1755	1686	0.44%	0.051%
79	20.606	3023	3024	3027	rBV3	984	897	0.23%	0.027%
80	20.635	3027	3029	3030	rBV	1012	925	0.24%	0.028%
81	20.818	3058	3060	3061	rBV2	1311	1133	0.29%	0.034%
82	20.970	3084	3086	3088	rBV3	1775	1324	0.34%	0.040%
83	21.153	3115	3117	3118	rBV2	1151	760	0.20%	0.023%
84	21.346	3145	3150	3159	rBV3	26214	42590	11.04%	1.279%
85	21.517	3177	3179	3181	rBV3	1581	1264	0.33%	0.038%
86	21.599	3191	3193	3196	rVB3	2748	2074	0.54%	0.062%
87	21.728	3208	3215	3222	rBV	233741	385833	100.00%	11.584%
88	24.026	3603	3606	3611	rVB7	2913	3905	1.01%	0.117%
89	24.760	3722	3731	3742	rVB	87607	243244	63.04%	7.303%
90	24.989	3760	3770	3782	rVB3	121996	351918	91.21%	10.565%
91	25.888	3921	3923	3924	rVB2	2440	1169	0.30%	0.035%
92	25.906	3924	3926	3927	rBV2	1984	1442	0.37%	0.043%
93	26.294	3990	3992	3993	rVB2	2194	1232	0.32%	0.037%
94	26.464	4020	4021	4023	rBV2	1545	868	0.22%	0.026%
95	28.873	4428	4431	4434	rBV4	1718	2508	0.65%	0.075%
96	29.008	4452	4454	4458	rBV4	1654	1819	0.47%	0.055%
97	29.660	4563	4565	4566	rBV2	1605	872	0.23%	0.026%
98	29.695	4569	4571	4572	rBV2	1599	1505	0.39%	0.045%
99	31.875	4940	4942	4943	rBV2	1792	1145	0.30%	0.034%
100	32.157	4989	4990	4994	rBV4	1802	2355	0.61%	0.071%

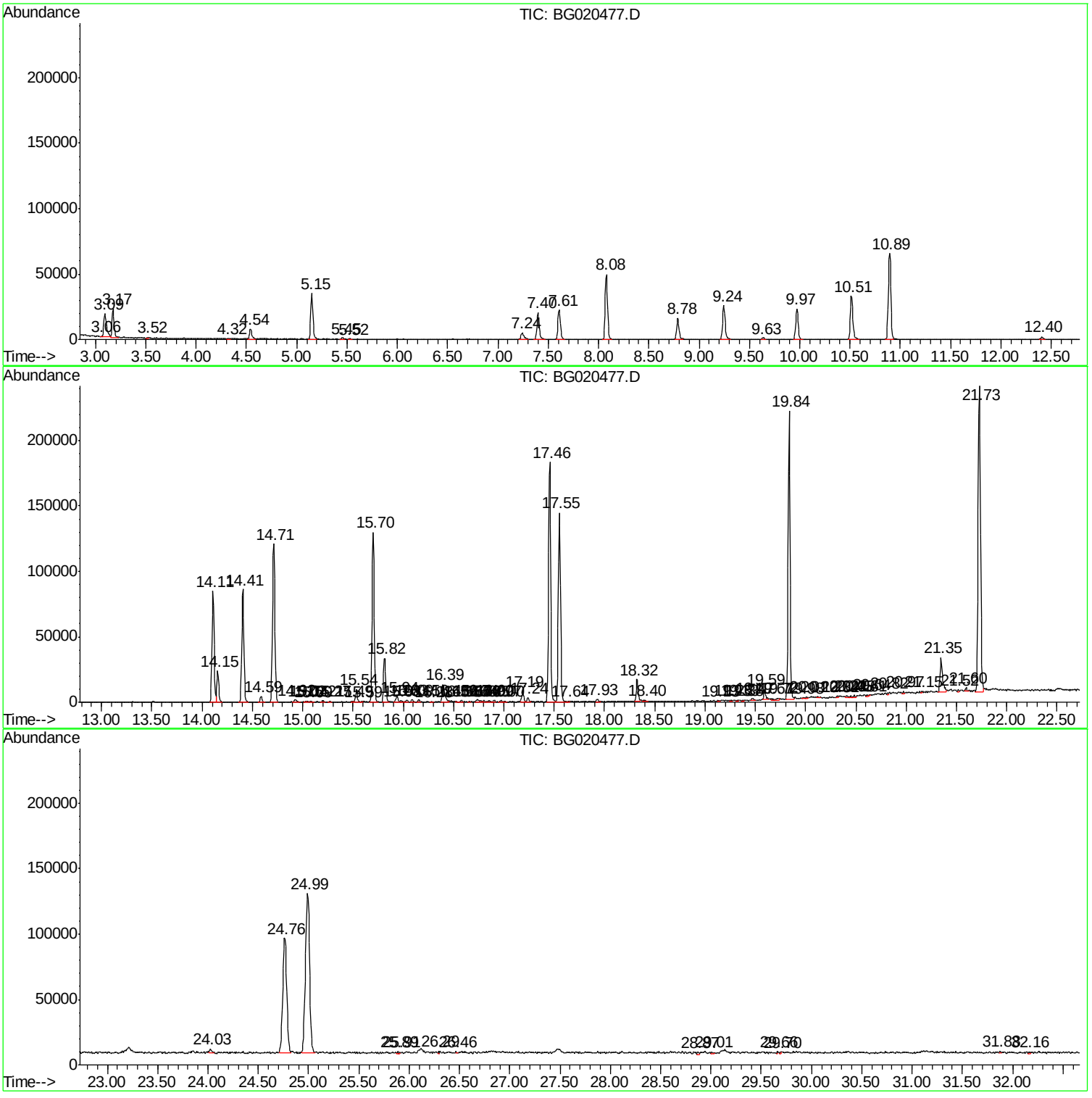
Sum of corrected areas: 3330877

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04B2RX

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04B2RX

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

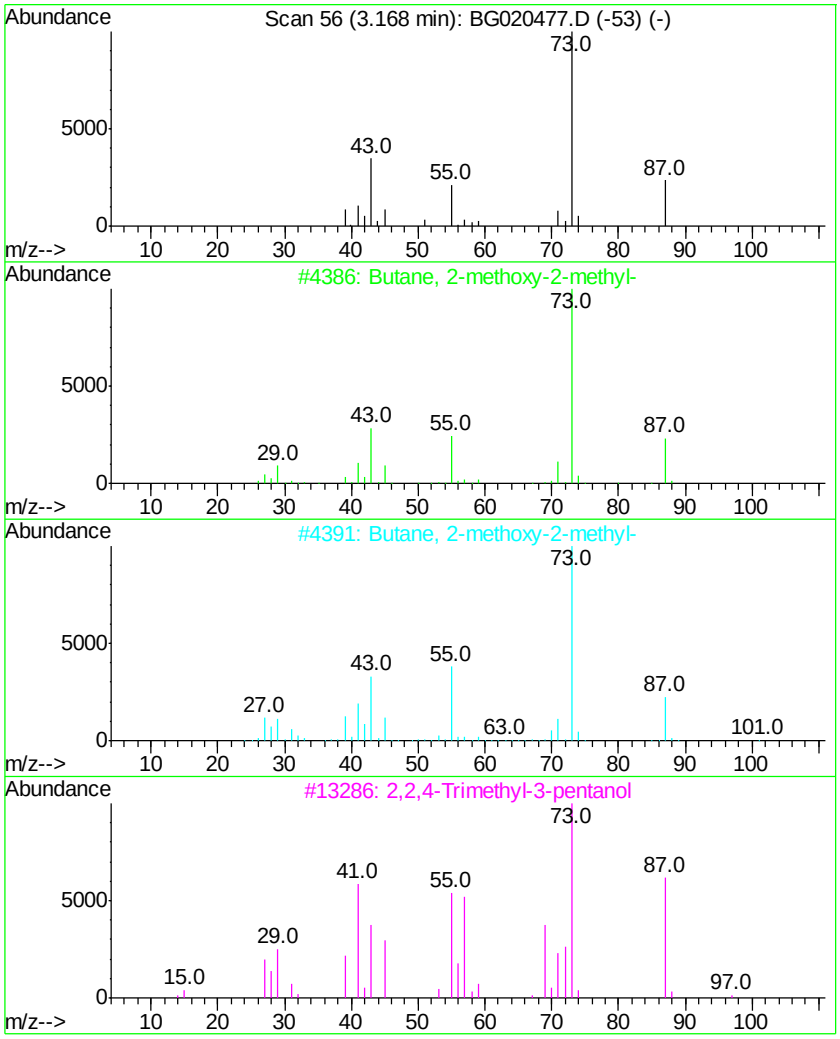
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

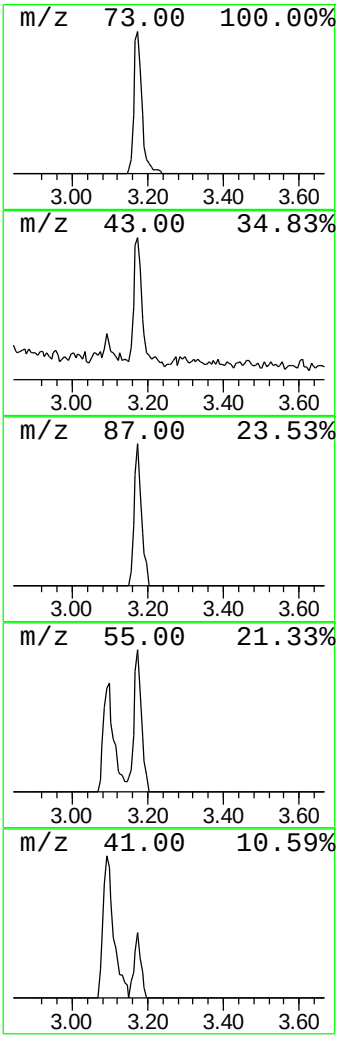
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	7.11 ng/ul	29183	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04B2RX

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

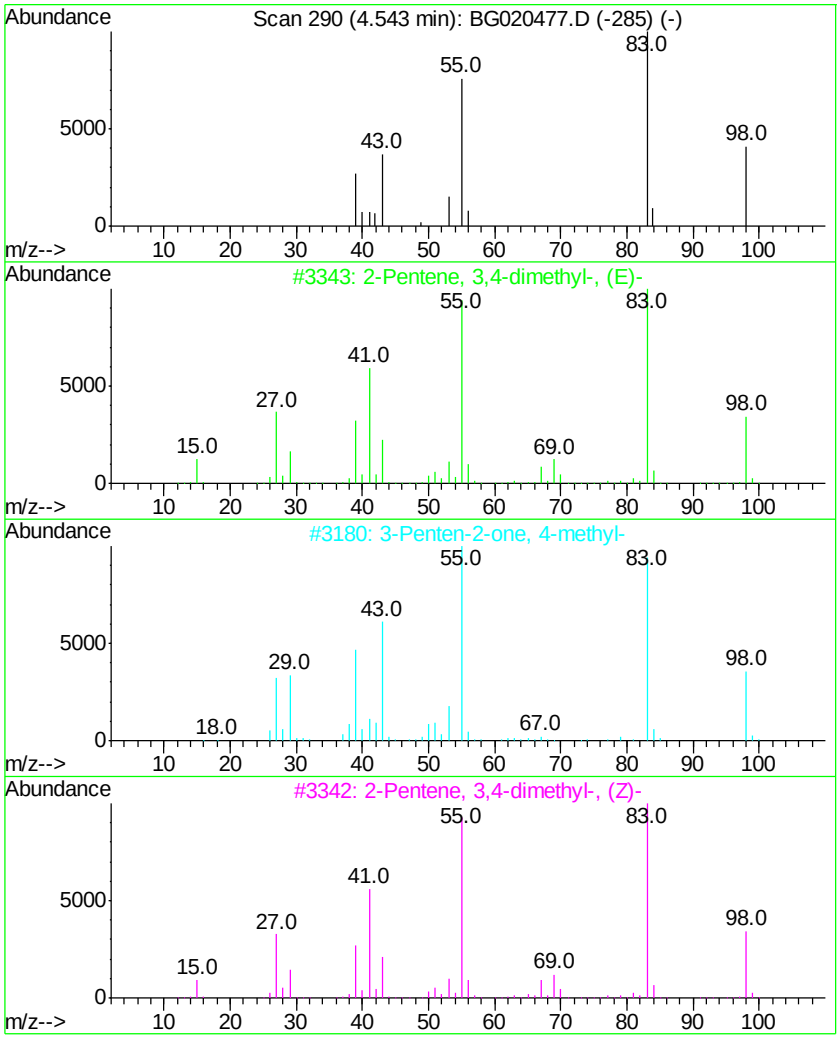
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

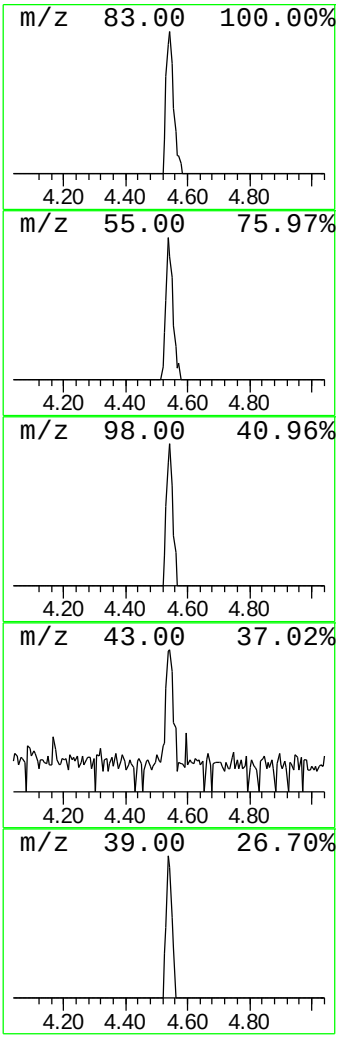
****

Peak Number 3 (DEL) Alkane: Cyclic4.54 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	3.29 ng/ul	13501	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04B2RX

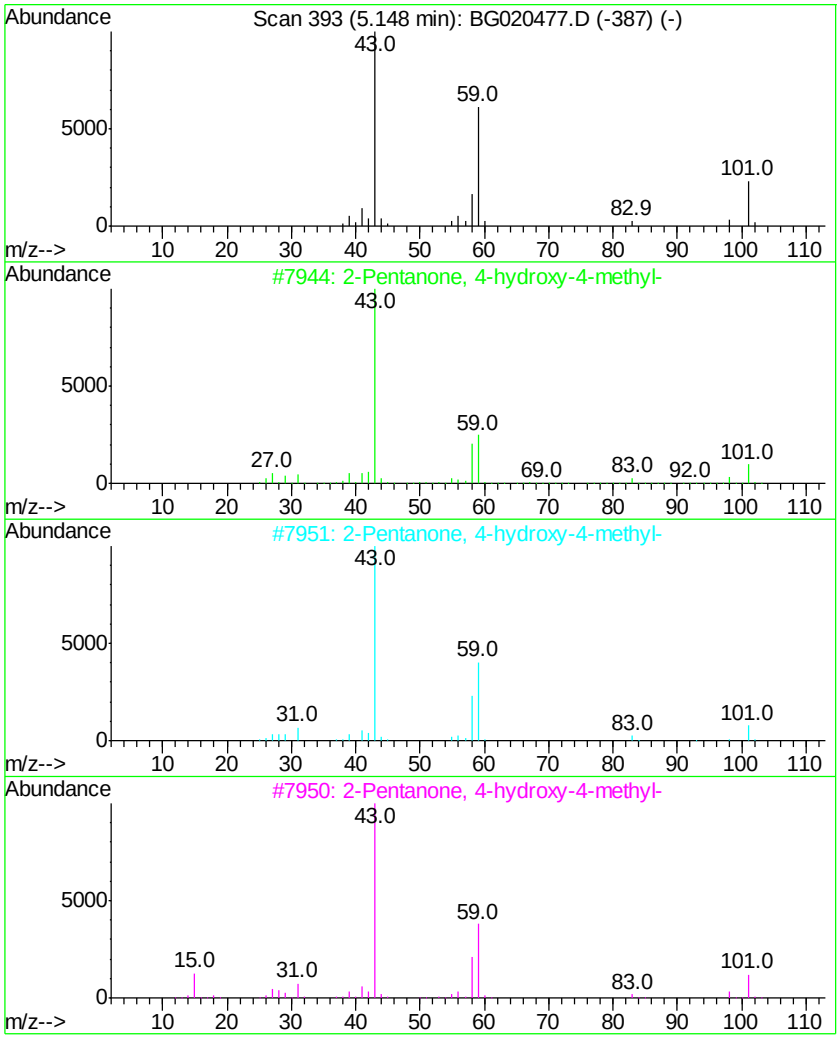
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

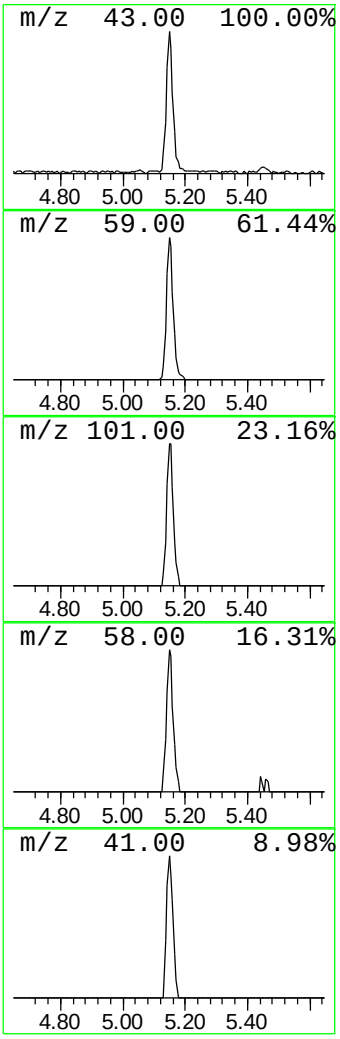
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	12.79 ng/ul	52513	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04B2RX

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

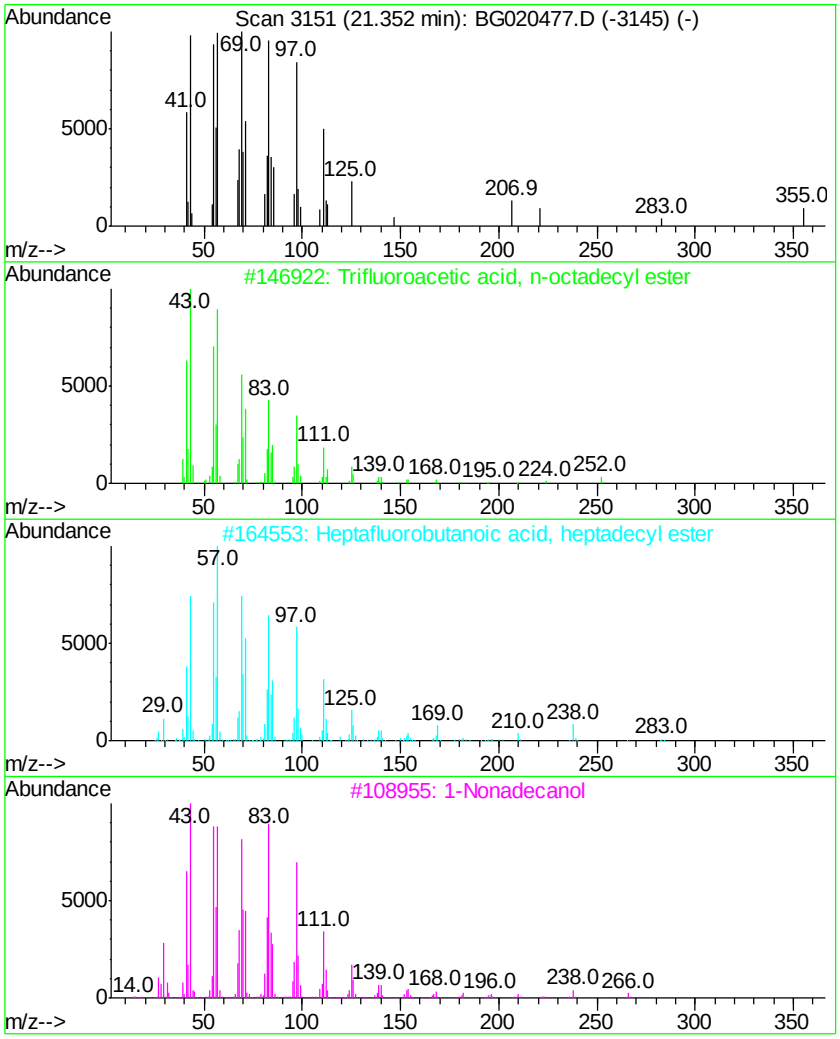
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

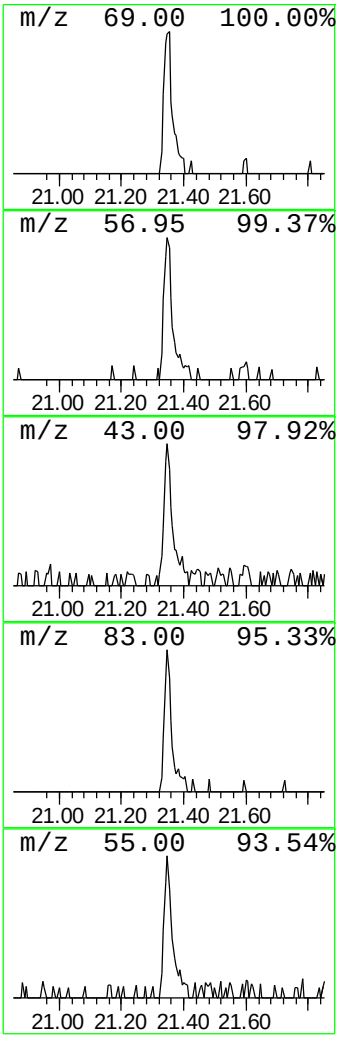
****

Peak Number 5 Trifluoroacetic acid, n-oct... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.21 ng/ul	42590	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	86
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83
3	1-Nonadecanol	284	C19H40O	001454-84-8	80
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70
5	1-Octadecanol	270	C18H38O	000112-92-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122415\
Data File : BG020477.D
Acq On : 24 Dec 2015 17:48
Operator : UM/SJ
Sample : G4803-11RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04B2RX

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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
Butane, 2-methoxy...	3.17	7.1	ng/ul	29183	1	8.07	82133	20.0
(DEL) Alkane: Cyc...	4.54	3.3	ng/ul	13501	1	8.07	82133	20.0
2-Pentanone, 4-hy...	5.15	12.8	ng/ul	52513	1	8.07	82133	20.0
Trifluoroacetic a...	21.35	2.2	ng/ul	42590	5	21.73	385833	20.0