LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049332.D
Acq On : 14 Jul 2021 16:47
Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

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_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049332.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.106	5	11	20	rBV2	96854	231472	26.38%	2.583%
2	3.188	21	25	41	rVB	83836	159352	18.16%	1.778%
3	3.458	67	71	76	rBV4	6101	10798	1.23%	0.120%
4	3.711	111	114	117	rBV2	1317	1960	0.22%	0.022%
5	3.893	143	145	152	rBV3	9337	17840	2.03%	0.199%
6	3.993	159	162	165	rBV4	1377	1779	0.20%	0.020%
7	4.110	180	182	185	rVB3	1593	1692	0.19%	0.019%
8	4.163	189	191	196	rVV3	1420	1741	0.20%	0.019%
9	4.210	197	199	207	rVB4	2795	5566	0.63%	0.062%
10	4.269	207	209	212	rBV2	1275	1427	0.16%	0.016%
11	4.328	217	219	222	rBV3	1369	1448	0.17%	0.016%
12	4.445	238	239	241	rBV2	1645	1410	0.16%	0.016%
13	4.580	259	262	269	rBV5	5248	9110	1.04%	0.102%
14	4.663	273	276	279	rBV3	1336	1851	0.21%	0.021%
15	4.757	288	292	293	rBV2	1592	1751	0.20%	0.020%
16	5.068	343	345	348	rVB2	1367	1625	0.19%	0.018%
17	5.168	361	362	367	rVB3	1551	1687	0.19%	0.019%
18	5.338	388	391	392	rBV	1344	1384	0.16%	0.015%
19	5.444	405	409	420	rVB2	19694	32483	3.70%	0.362%
20	5.579	431	432	438	rVB2	1441	1413	0.16%	0.016%
21	5.967	495	498	500	rVB	1377	1428	0.16%	0.016%
22	6.096	513	520	527	rBV6	8048	15039	1.71%	0.168%
23	6.578	597	602	604	rBV3	856	1398	0.16%	0.016%
24	7.218	701	711	719	rVB6	28083	62976	7.18%	0.703%
25	7.383	733	739	749	rVB	66848	123655	14.09%	1.380%
26	7.594	769	775	782	rBV	84902	148100	16.88%	1.652%
27	7.947	832	835	837	rBV3	1375	1380	0.16%	0.015%
28	8.064	847	855	861	rBV	110350	198098	22.58%	2.210%
29	8.123	861	865	869	rVB4	5217	8820	1.01%	0.098%
30	8.299	891	895	896	rBV2	1252	1736	0.20%	0.019%
31	8.311	896	897	900	rVB2	2253	1473	0.17%	0.016%
32	8.658	954	956	958	rBV	1628	1637	0.19%	0.018%
33	8.769	967	975	983	rBV	66104	123456	14.07%	1.377%
34	8.893	990	996	1000	rBV4	5185	7527	0.86%	0.084%
35	9.169	1036	1043	1047	rBV2	11947	22512	2.57%	0.251%
36	9.234	1047	1054	1061	rVB	105064	194876	22.21%	2.174%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

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_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

37	9.639	1119	1123	1128	rBV3	8731	10992	1.25%	0.123%
38	9.956	1169	1177	1185	rBV	96417	176101	20.07%	1.965%
39	10.109	1202	1203	1208	rVB	1978	2789	0.32%	0.031%
40	10.356	1241	1245	1247	rBV2	1520	1391	0.16%	0.016%
41	10.503	1263	1270	1280	rBV2	125606	223781	25.51%	2.497%
42	10.785	1314	1318	1322	rBV2	3623	4036	0.46%	0.045%
43	10.885	1328	1335	1347	rBV	149125	274978	31.34%	3.068%
44	11.020	1350	1358	1368	rVB	86418	159245	18.15%	1.777%
45	11.437	1427	1429	1434	rBV	1060	1548	0.18%	0.017%
46	11.537	1443	1446	1450	rVB2	1183	1523	0.17%	0.017%
47	11.678	1466	1470	1477	rBV5	4933	9109	1.04%	0.102%
48	12.136	1544	1548	1554	rVB2	9875	15566	1.77%	0.174%
49	12.459	1600	1603	1604	rBV	1347	1358	0.15%	0.015%
50	12.683	1638	1641	1646	rVB	8096	11486	1.31%	0.128%
51	12.777	1654	1657	1660	rVB2	1240	1929	0.22%	0.022%
52	12.988	1688	1693	1698	rVB	1793	2386	0.27%	0.027%
53	13.311	1745	1748	1752	rVB3	5185	5909	0.67%	0.066%
54	13.446	1769	1771	1775	rBV2	843	1415	0.16%	0.016%
55	13.540	1784	1787	1789	rBV2	3460	3435	0.39%	0.038%
56	13.629	1794	1802	1811	rVB	28103	47931	5.46%	0.535%
57	13.828	1832	1836	1839	rVB	1061	1638	0.19%	0.018%
58	14.110	1877	1884	1890	rBV	307359	447392	51.00%	4.992%
59	14.328	1916	1921	1923	rBV2	1221	1351	0.15%	0.015%
60	14.404	1926	1934	1941	rVV	284849	461363	52.59%	5.148%
61	14.651	1971	1976	1980	rBV3	2034	3869	0.44%	0.043%
62	14.710	1980	1986	1994	rVV	253626	407725	46.47%	4.549%
63	14.780	1994	1998	2003	rVB5	4421	6707	0.76%	0.075%
64	14.909	2014	2020	2029	rBV3	21045	42541	4.85%	0.475%
65	15.285	2080	2084	2088	rBV4	2641	3348	0.38%	0.037%
66	15.379	2096	2100	2104	rBV3	4593	6472	0.74%	0.072%
67	15.415	2104	2106	2113	rVB3	1938	2786	0.32%	0.031%
68	15.515	2119	2123	2128	rVB5	1535	2545	0.29%	0.028%
69	15.703	2148	2155	2163	rVB	385102	591816	67.46%	6.603%
70	15.814	2168	2174	2185	rBV	131919	207792	23.69%	2.319%
71	15.943	2192	2196	2201	rVB2	4390	6968	0.79%	0.078%
72	16.055	2212	2215	2220	rBV3	2980	4240	0.48%	0.047%
73	16.460	2280	2284	2285	rBV2	1433	1473	0.17%	0.016%
74	16.478	2285	2287	2291	rVB3	2052	1990	0.23%	0.022%
75	16.725	2327	2329	2334	rVB2	1352	1965	0.22%	0.022%
76	17.048	2379	2384	2386	rBV3	1981	2719	0.31%	0.030%

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Sample : M2996-04
Misc :
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Instrument : BNA_G
ClientSampleId : C0AW8

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
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Title : SVOA CALIBRATION

77	17.459	2448	2454	2461	rVV	344675	515016	58.70%	5.746%
78	17.559	2464	2471	2480	rBV2	493198	743661	84.77%	8.298%
79	17.941	2532	2536	2537	rBV3	1414	1562	0.18%	0.017%
80	18.123	2561	2567	2573	rBV2	109645	149331	17.02%	1.666%
81	18.335	2601	2603	2609	rVB2	2810	3316	0.38%	0.037%
82	18.411	2613	2616	2620	rVV3	3893	5137	0.59%	0.057%
83	18.446	2620	2622	2627	rVB2	1519	1926	0.22%	0.021%
84	18.593	2646	2647	2651	rVB2	1614	1737	0.20%	0.019%
85	18.634	2651	2654	2658	rBV2	2610	4040	0.46%	0.045%
86	19.104	2733	2734	2737	rBV2	1565	1523	0.17%	0.017%
87	19.257	2757	2760	2762	rBV2	3540	3331	0.38%	0.037%
88	19.310	2767	2769	2771	rBV2	2052	2047	0.23%	0.023%
89	19.480	2795	2798	2803	rBV2	6130	9230	1.05%	0.103%
90	19.651	2824	2827	2829	rBV4	1797	2216	0.25%	0.025%
91	19.739	2838	2842	2845	rBV2	4125	5639	0.64%	0.063%
92	19.809	2852	2854	2855	rBV	3432	2799	0.32%	0.031%
93	19.845	2855	2860	2867	rVB	603720	877300	100.00%	9.789%
94	19.968	2880	2881	2884	rVB3	2837	1904	0.22%	0.021%
95	19.998	2884	2886	2889	rBV4	2438	2165	0.25%	0.024%
96	20.115	2903	2906	2908	rBV4	2912	3919	0.45%	0.044%
97	20.174	2914	2916	2919	rBV4	3223	2794	0.32%	0.031%
98	21.743	3177	3183	3191	rVB	363348	574617	65.50%	6.411%
99	24.804	3694	3704	3716	rVB	311190	873235	99.54%	9.743%
100	25.033	3733	3743	3754	rBV2	199264	608393	69.35%	6.788%

Sum of corrected areas: 8962346

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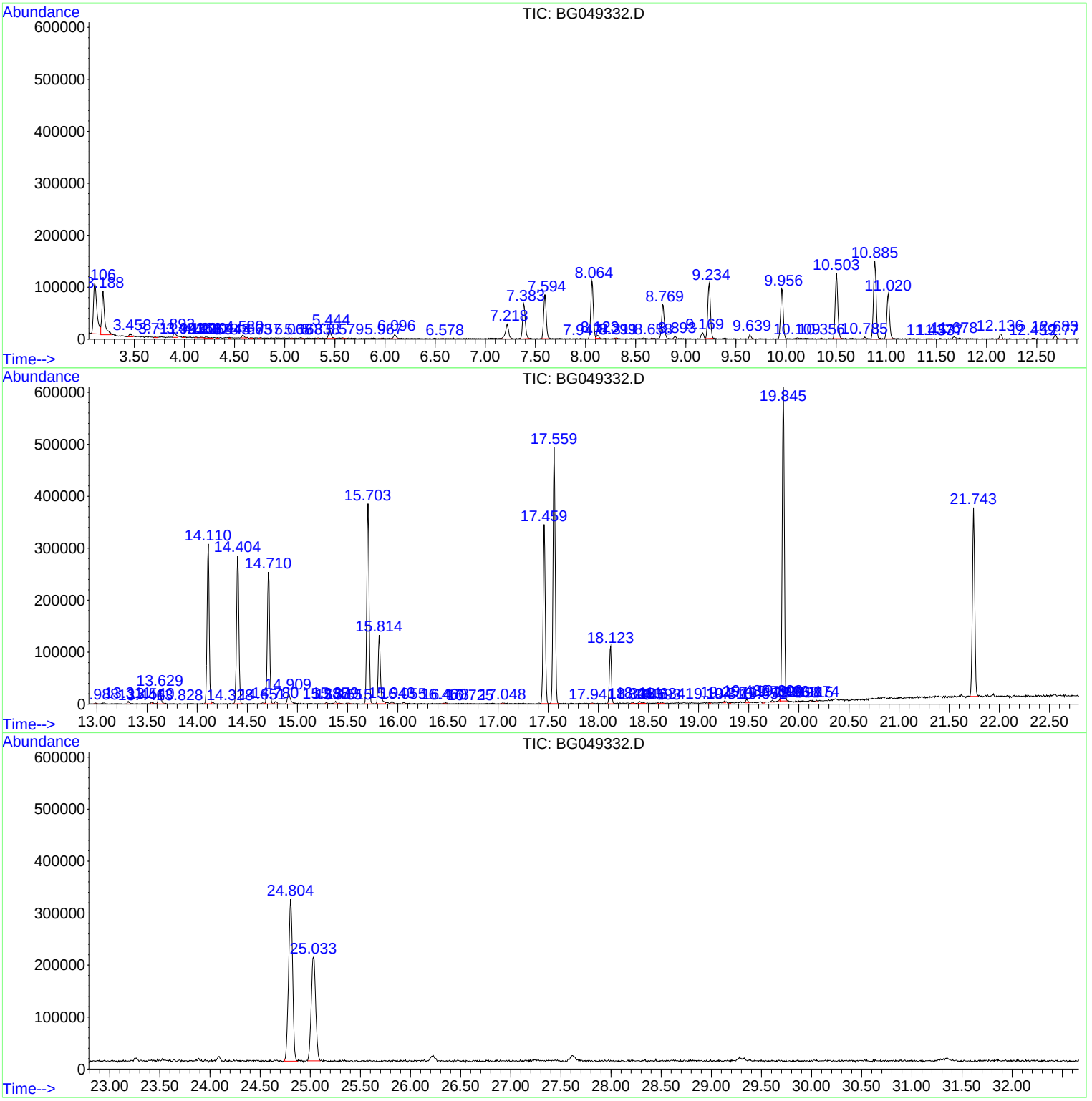
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
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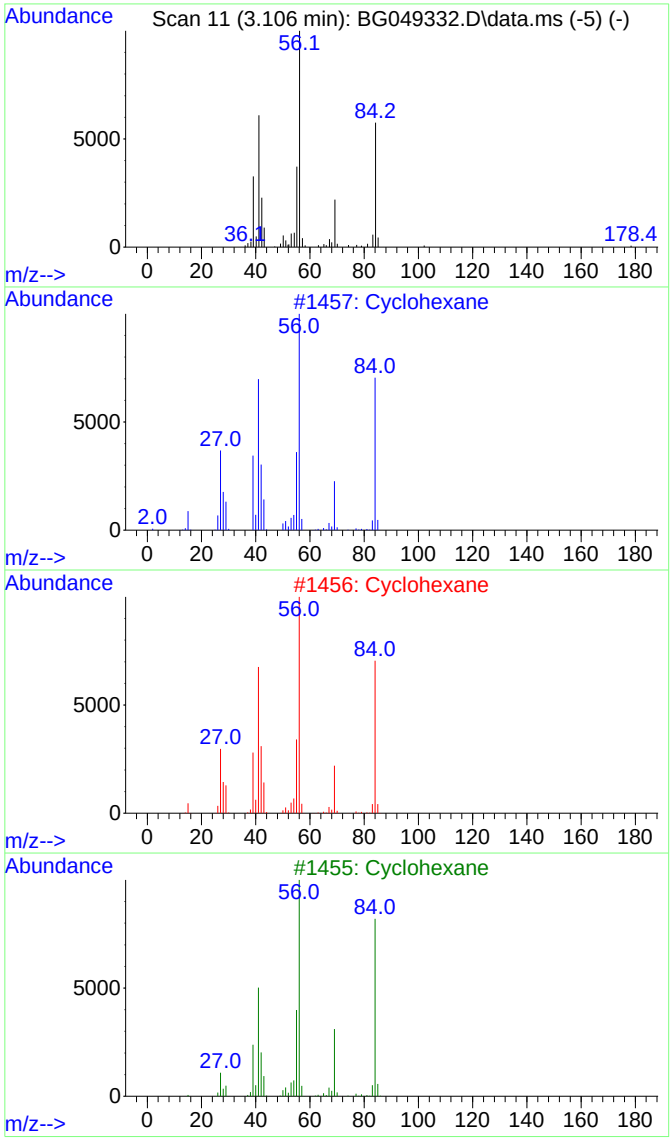
Quant Title : SVOA CALIBRATION

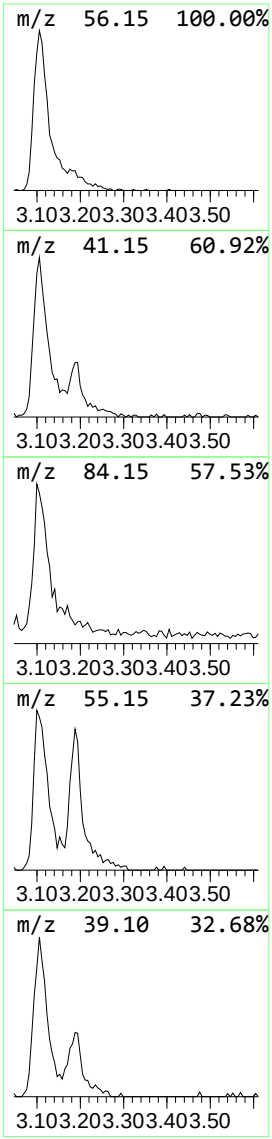
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	23.37 ng/ul	231472	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	90
4	Cyclohexane	84	C6H12	000110-82-7	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
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Acq On : 14 Jul 2021 16:47
Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW8

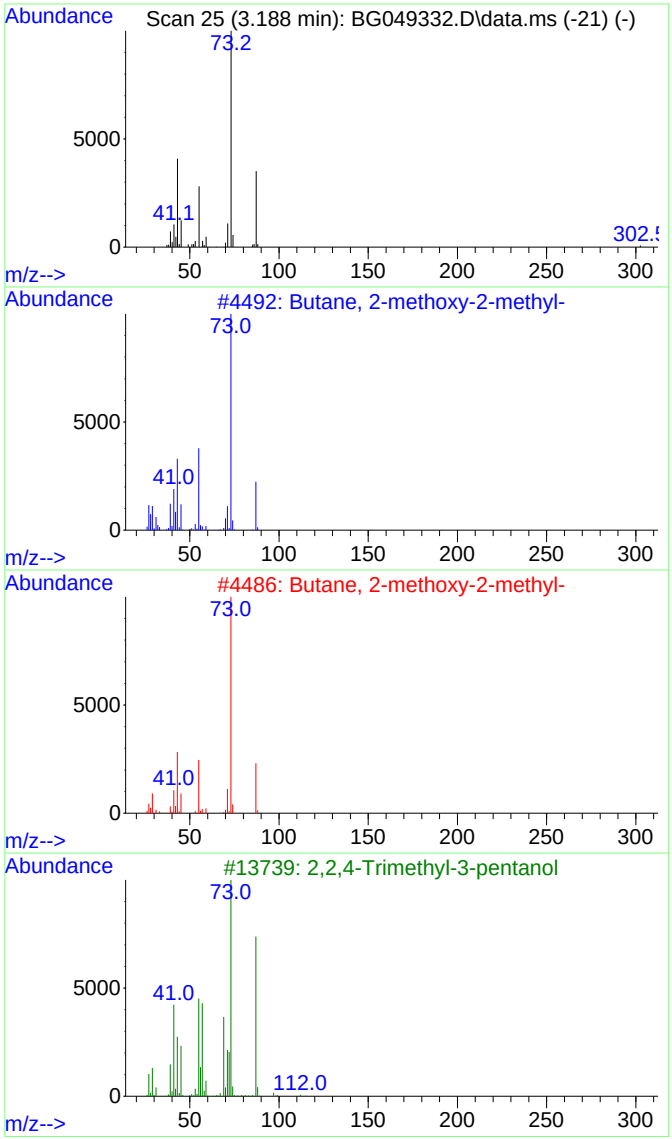
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

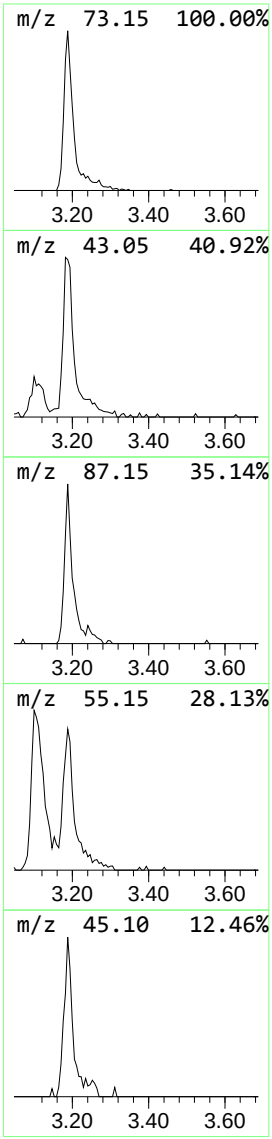
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	16.09 ng/ul	159352	1,4-Dichlorobenzene-d4	8.064

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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, trimethyl-3-penten-2-yl-...	142	C8H18Si	053264-56-5	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
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Instrument : BNA_G
ClientSampleId : C0AW8

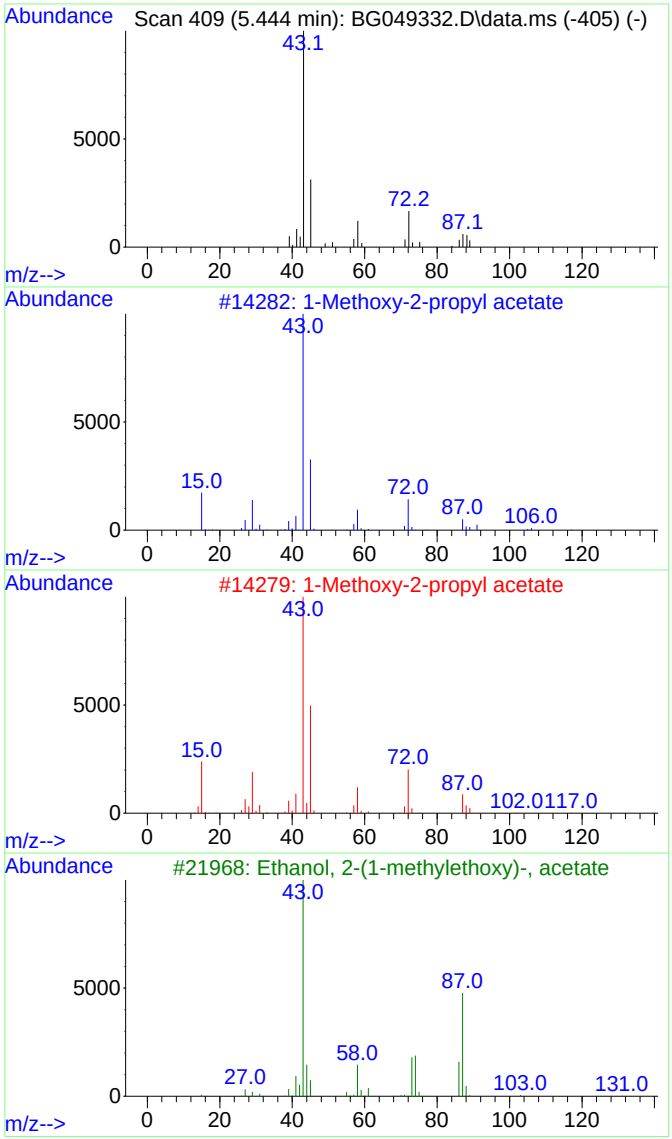
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

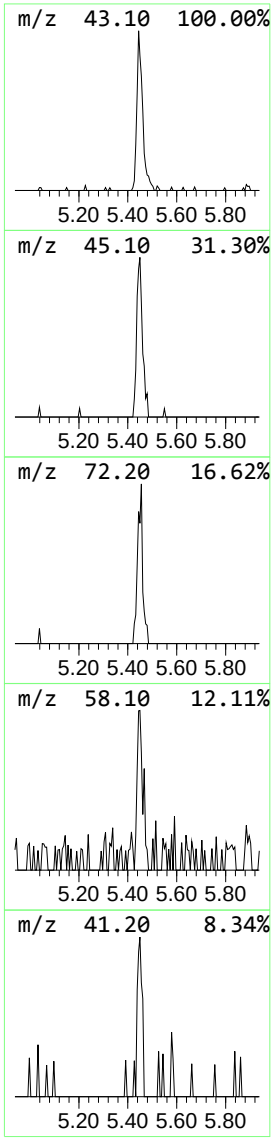
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Methoxy-2-propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.440	3.28 ng/ul	32483	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	78
2	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	45
3	Ethanol, 2-(1-methylethoxy)-, ac...	146	C7H14O3	019234-20-9	9
4	2-Ethoxyethyl acetate	132	C6H12O3	000111-15-9	9
5	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

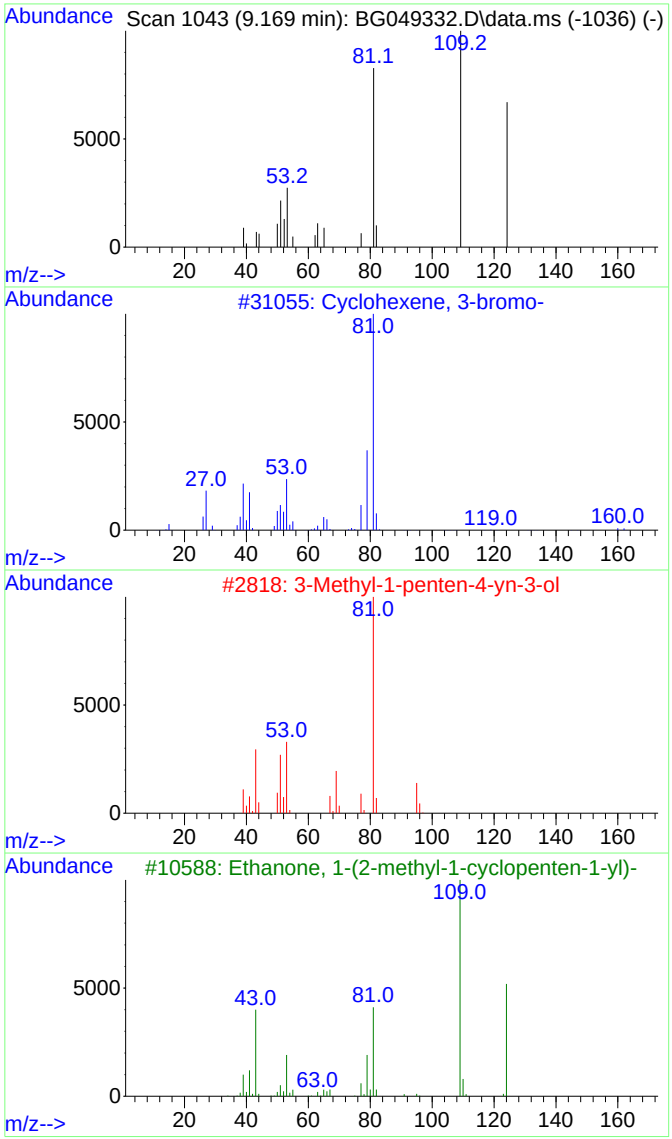
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

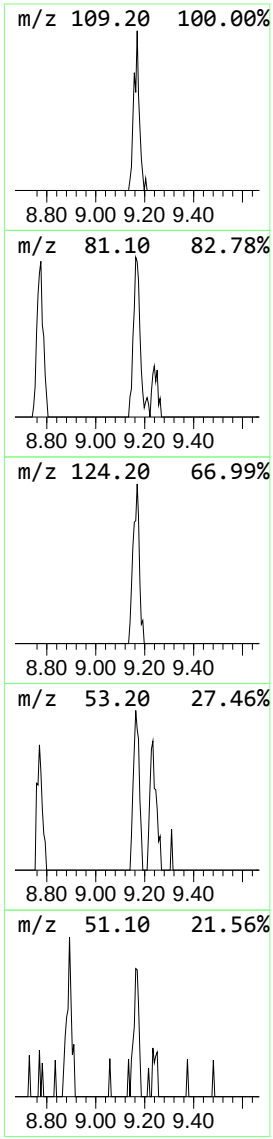
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.170	2.27 ng/ul	22512	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	38
2	3-Methyl-1-penten-4-yn-3-ol	96	C6H8O	003230-69-1	38
3	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	37
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	37
5	3-Pyridinol, 6-methyl-	109	C6H7NO	001121-78-4	32





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Data File : BG049332.D
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Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW8

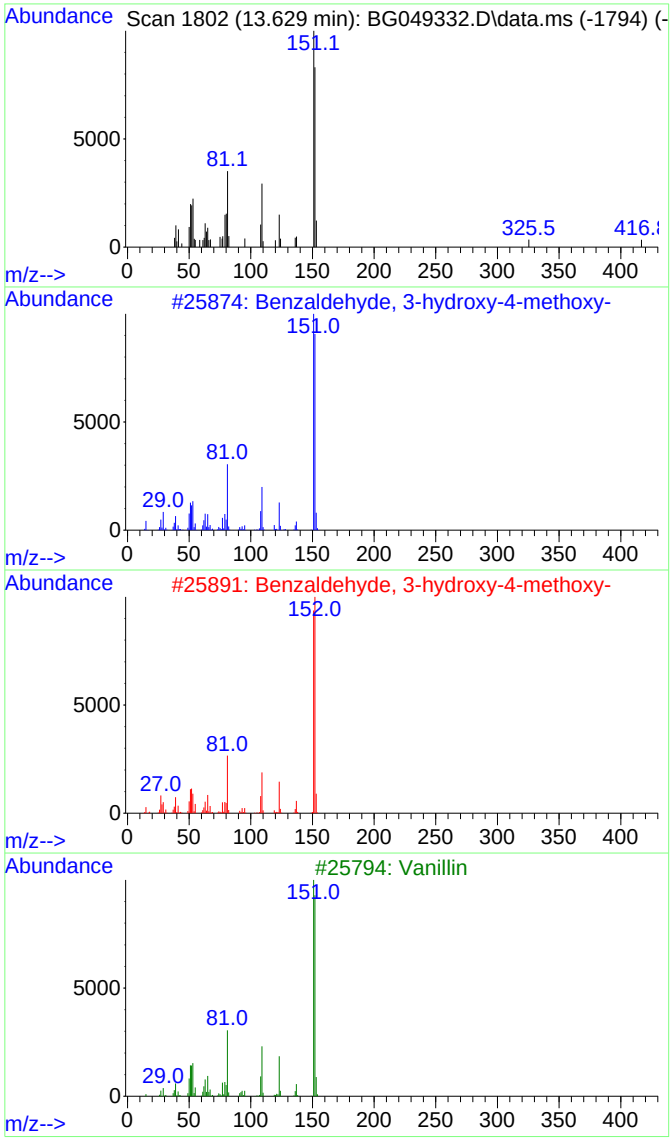
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

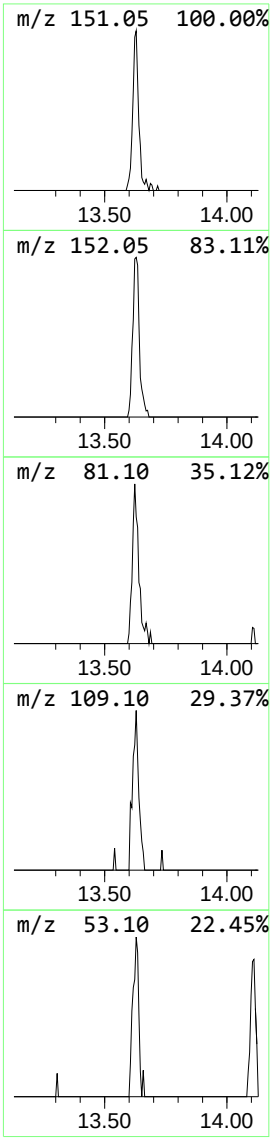
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	2.35 ng/ul	47931	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	90
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	81
3	Vanillin	152	C8H8O3	000121-33-5	74
4	Vanillin, acetate	194	C10H10O4	000881-68-5	72
5	Vanillin	152	C8H8O3	000121-33-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049332.D
Acq On : 14 Jul 2021 16:47
Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

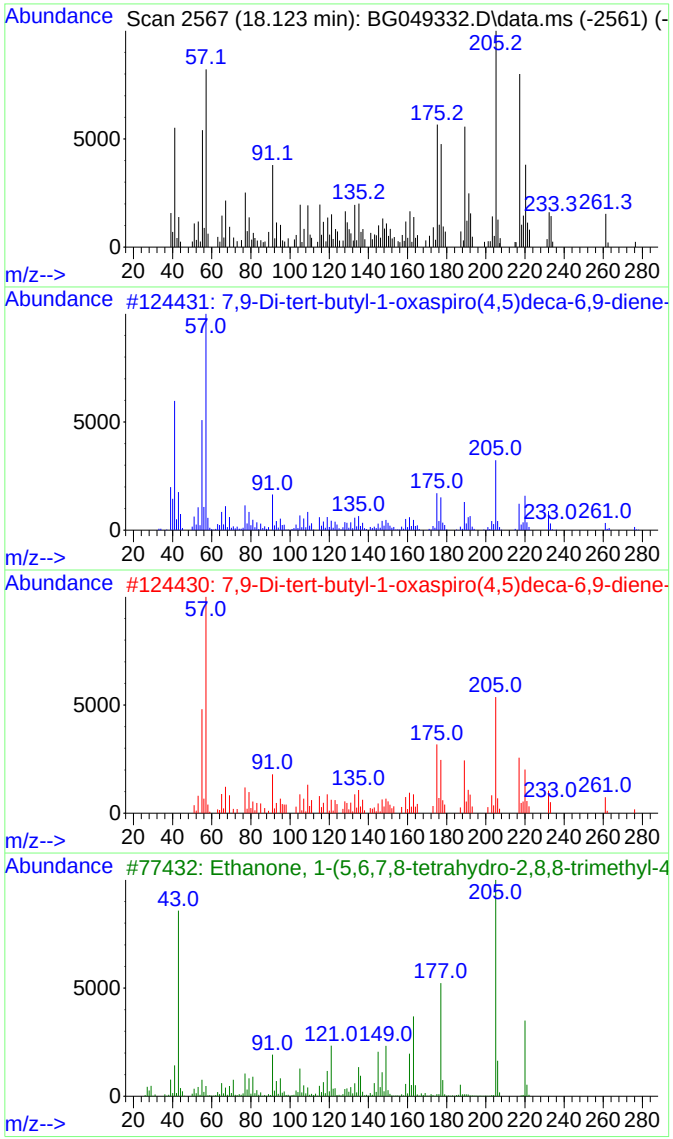
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

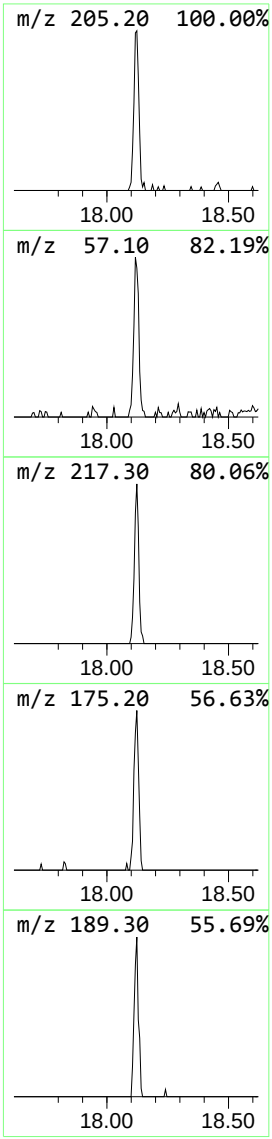
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.120	5.80 ng/ul	149331	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
4	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	42
5	9-Acetylphenanthrene	220	C16H12O	002039-77-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049332.D
Acq On : 14 Jul 2021 16:47
Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.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
(DEL) Alkane: C...	3.110	23.4	ng/ul	231472	1	8.064	198098	20.0
Butane, 2-metho...	3.190	16.1	ng/ul	159352	1	8.064	198098	20.0
1-Methoxy-2-pro...	5.440	3.3	ng/ul	32483	1	8.064	198098	20.0
unknown-01	9.170	2.3	ng/ul	22512	1	8.064	198098	20.0
Benzaldehyde, 3...	13.630	2.4	ng/ul	47931	3	14.710	407725	20.0
7,9-Di-tert-but...	18.120	5.8	ng/ul	149331	4	17.459	515016	20.0