LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-1-021122

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009147.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	402	409	431	rBV	1587581	2792506	61.04%	6.540%
2	6.987	673	680	698	rBV	1367298	2715754	59.36%	6.361%
3	7.793	808	817	832	rBV	1060106	1845919	40.35%	4.323%
4	8.893	992	1004	1008	rBV6	25562	66022	1.44%	0.155%
5	8.957	1008	1015	1024	rBV	914924	1764111	38.56%	4.132%
6	9.134	1036	1045	1053	rVB10	26210	76919	1.68%	0.180%
7	9.763	1148	1152	1162	rVB5	28747	69208	1.51%	0.162%
8	9.993	1185	1191	1195	rBV3	26346	58126	1.27%	0.136%
9	10.587	1282	1292	1303	rBV	1295198	2525143	55.19%	5.914%
10	10.751	1316	1320	1326	rVB	71285	105999	2.32%	0.248%
11	11.081	1370	1376	1380	rVB4	47738	93048	2.03%	0.218%
12	11.287	1402	1411	1416	rBV4	36150	113330	2.48%	0.265%
13	11.428	1430	1435	1443	rBV7	30734	85503	1.87%	0.200%
14	11.510	1445	1449	1456	rVB7	44291	93953	2.05%	0.220%
15	11.622	1462	1468	1477	rBV2	171954	368934	8.06%	0.864%
16	11.781	1490	1495	1503	rVB4	66537	124553	2.72%	0.292%
17	11.875	1504	1511	1515	rBV3	60629	112202	2.45%	0.263%
18	12.016	1530	1535	1541	rBV3	113363	192077	4.20%	0.450%
19	12.145	1554	1557	1563	rVB5	41444	68776	1.50%	0.161%
20	12.322	1583	1587	1594	rBV8	29306	70168	1.53%	0.164%
21	12.475	1607	1613	1615	rBV3	47689	94523	2.07%	0.221%
22	12.651	1637	1643	1646	rBV5	52206	97079	2.12%	0.227%
23	12.828	1669	1673	1676	rBV4	39293	58244	1.27%	0.136%
24	12.922	1685	1689	1692	rBV4	52781	86450	1.89%	0.202%
25	12.975	1693	1698	1703	rVB	252802	369352	8.07%	0.865%
26	13.057	1705	1712	1724	rVV	2731652	4381860	95.77%	10.263%
27	13.210	1735	1738	1741	rBV2	51594	73562	1.61%	0.172%
28	13.263	1743	1747	1754	rVB2	140923	257365	5.63%	0.603%
29	13.345	1757	1761	1771	rVB6	66252	189209	4.14%	0.443%
30	13.604	1800	1805	1815	rBV	71875	208713	4.56%	0.489%
31	13.757	1826	1831	1836	rBV2	129751	239753	5.24%	0.562%
32	13.810	1836	1840	1844	rVV	71459	113218	2.47%	0.265%
33	13.922	1852	1859	1863	rBV2	280434	422379	9.23%	0.989%
34	13.957	1863	1865	1869	rVV4	43463	54047	1.18%	0.127%
35	14.087	1884	1887	1891	rVB6	44404	58861	1.29%	0.138%
36	14.163	1897	1900	1904	rBV5	44383	63331	1.38%	0.148%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.263	1914	1917	1923	rVB2	72538	116289	2.54%	0.272%
38	14.334	1924	1929	1934	rBV	226265	337637	7.38%	0.791%
39	14.434	1937	1946	1953	rBV	1817915	2954840	64.58%	6.921%
40	14.839	2011	2015	2020	rVB2	141670	202118	4.42%	0.473%
41	14.916	2025	2028	2031	rVB	90723	112343	2.46%	0.263%
42	14.957	2032	2035	2044	rVB5	107897	169878	3.71%	0.398%
43	15.057	2048	2052	2058	rBV	86872	148193	3.24%	0.347%
44	15.292	2088	2092	2096	rVB	178413	230422	5.04%	0.540%
45	15.481	2121	2124	2128	rVB	44403	51809	1.13%	0.121%
46	15.698	2157	2161	2167	rVB2	230901	334608	7.31%	0.784%
47	15.857	2184	2188	2193	rBV4	49103	88908	1.94%	0.208%
48	15.939	2194	2202	2210	rBV	1529533	2559307	55.94%	5.994%
49	16.181	2235	2243	2248	rBV2	422487	872608	19.07%	2.044%
50	16.951	2371	2374	2378	rBV	122992	157957	3.45%	0.370%
51	17.004	2379	2383	2392	rVB	230390	407834	8.91%	0.955%
52	17.192	2410	2415	2421	rBV	1786590	2842200	62.12%	6.657%
53	17.692	2497	2500	2506	rVB	130434	169812	3.71%	0.398%
54	18.092	2565	2568	2570	rBV2	104096	128323	2.80%	0.301%
55	18.369	2612	2615	2620	rBV2	132415	156557	3.42%	0.367%
56	19.210	2755	2758	2765	rBV	190989	255805	5.59%	0.599%
57	19.757	2846	2851	2861	rVB	3459505	4575236	100.00%	10.716%
58	21.292	3107	3112	3117	rBV	2071738	2991258	65.38%	7.006%
59	23.686	3515	3519	3526	rVB2	1407204	2722746	59.51%	6.377%

Sum of corrected areas: 42696885

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
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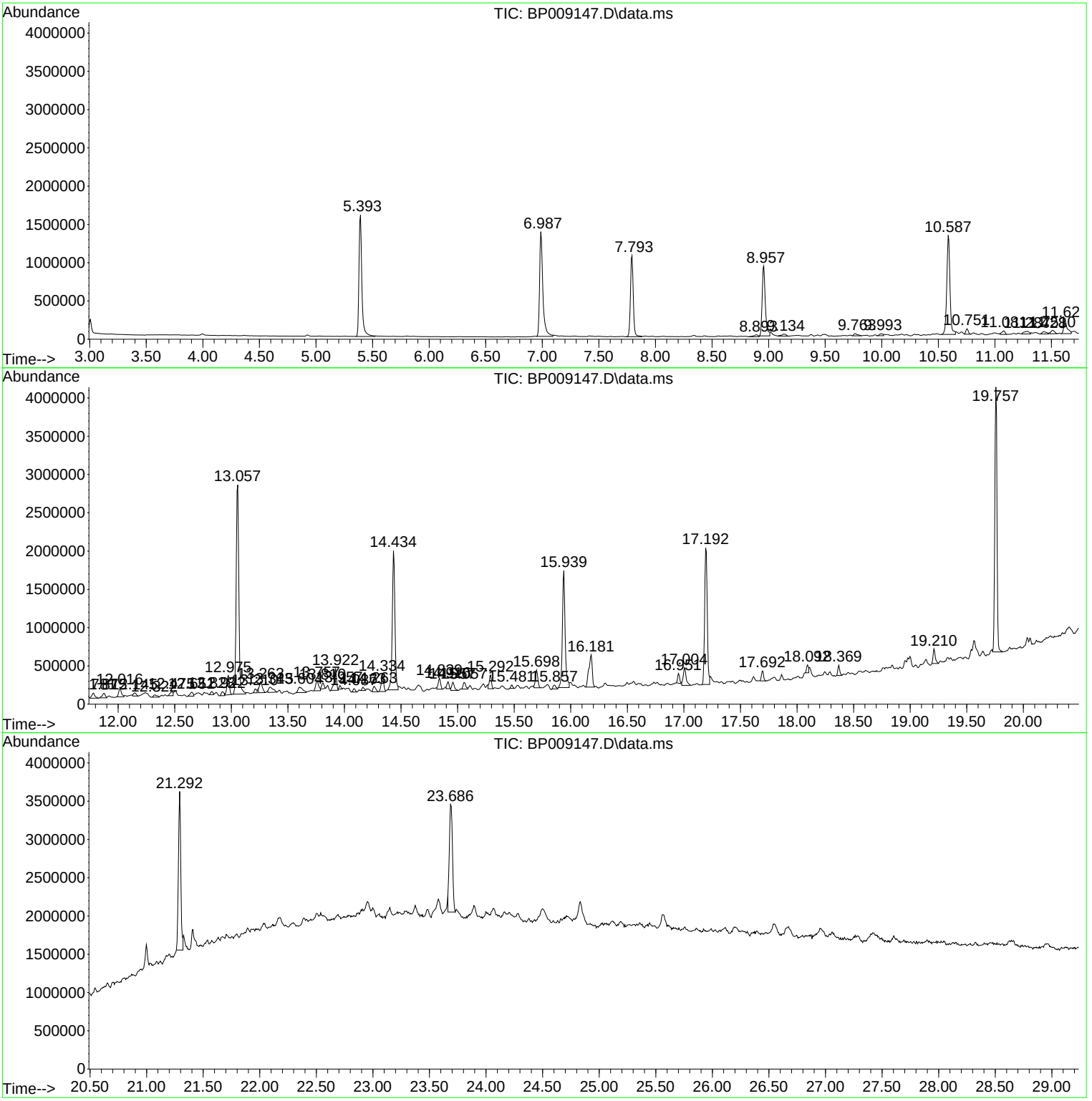
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

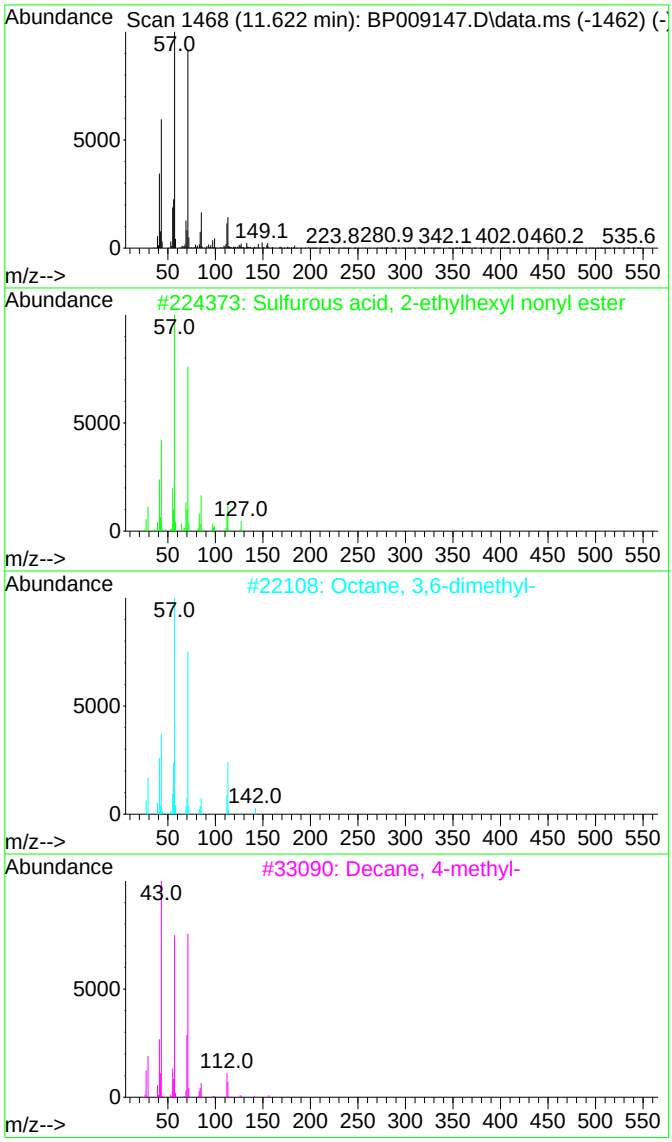
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

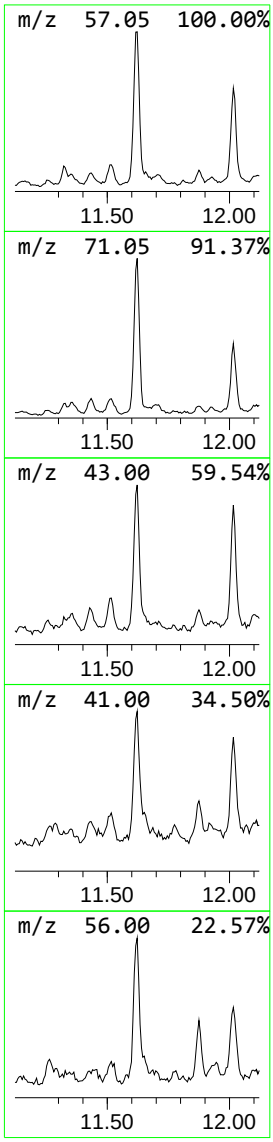
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.622	2.92 ng	368934	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Decane, 4-methyl-	156	C11H24	002847-72-5	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

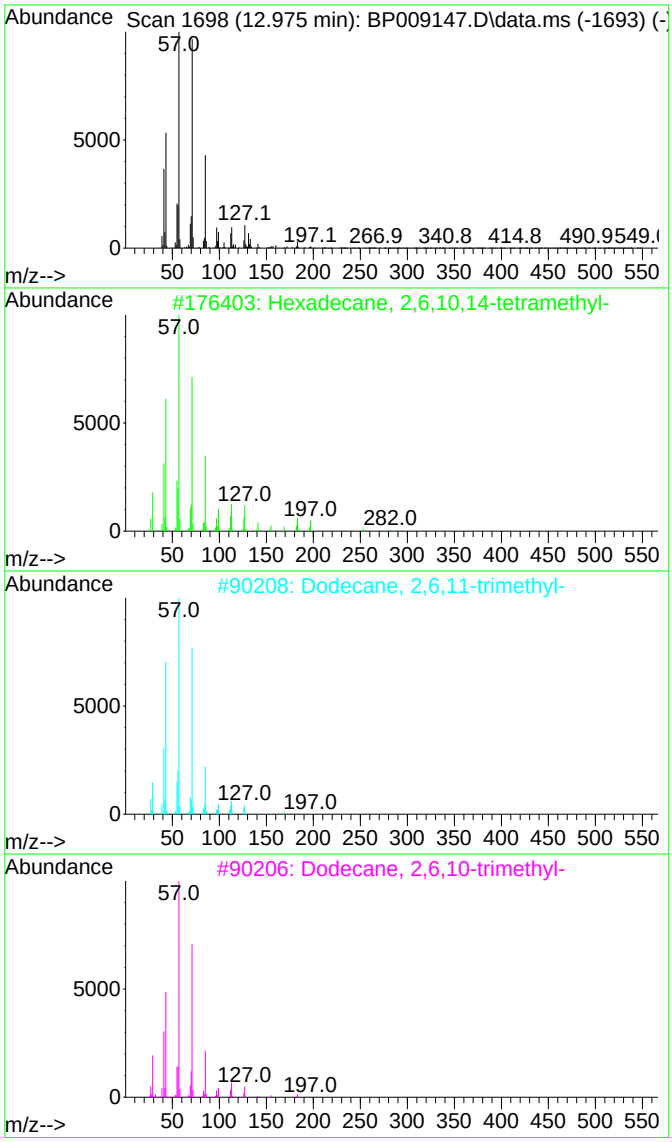
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

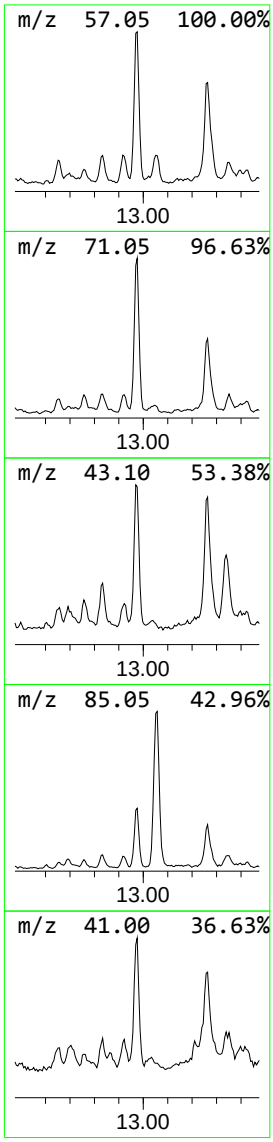
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.975	2.50 ng	369352	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
4	Octane, 2-methyl-	128	C9H20	003221-61-2	49
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

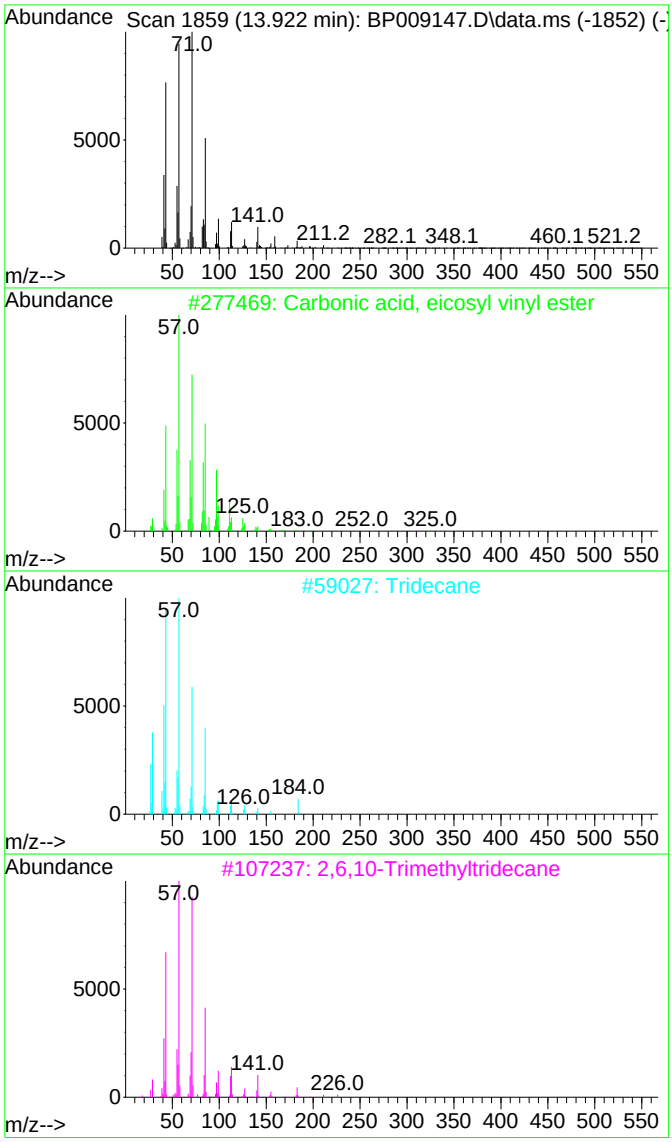
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

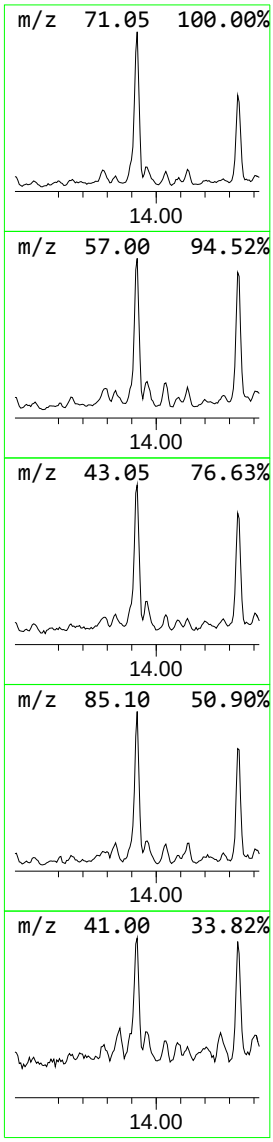
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	2.86 ng	422379	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Tridecane	184	C13H28	000629-50-5	87
3	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	74
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

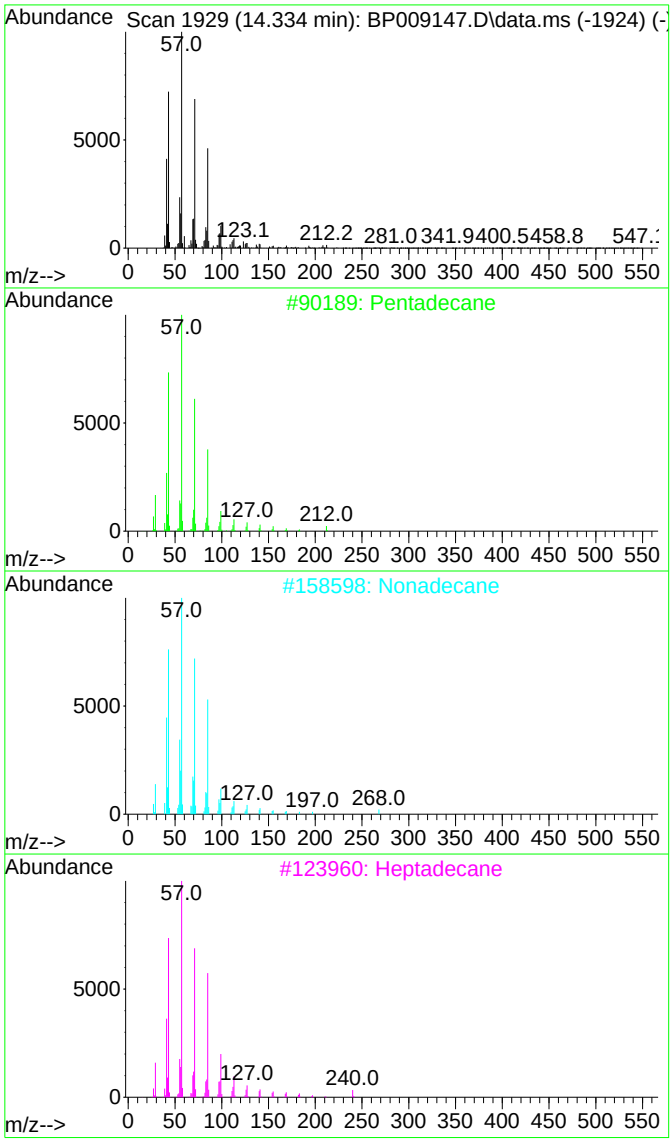
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

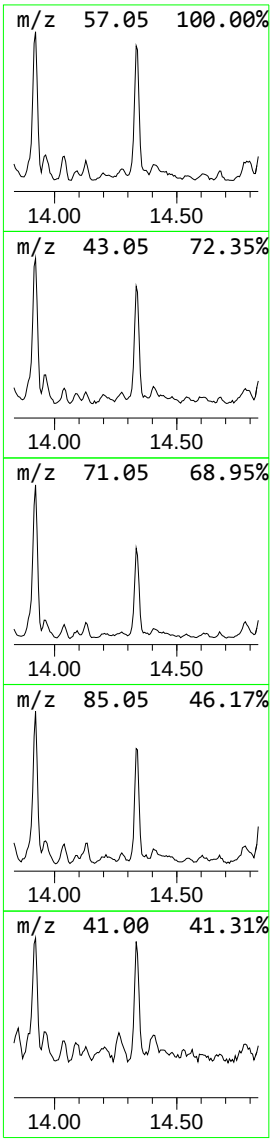
****

Peak Number 4 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	2.29 ng	337637	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

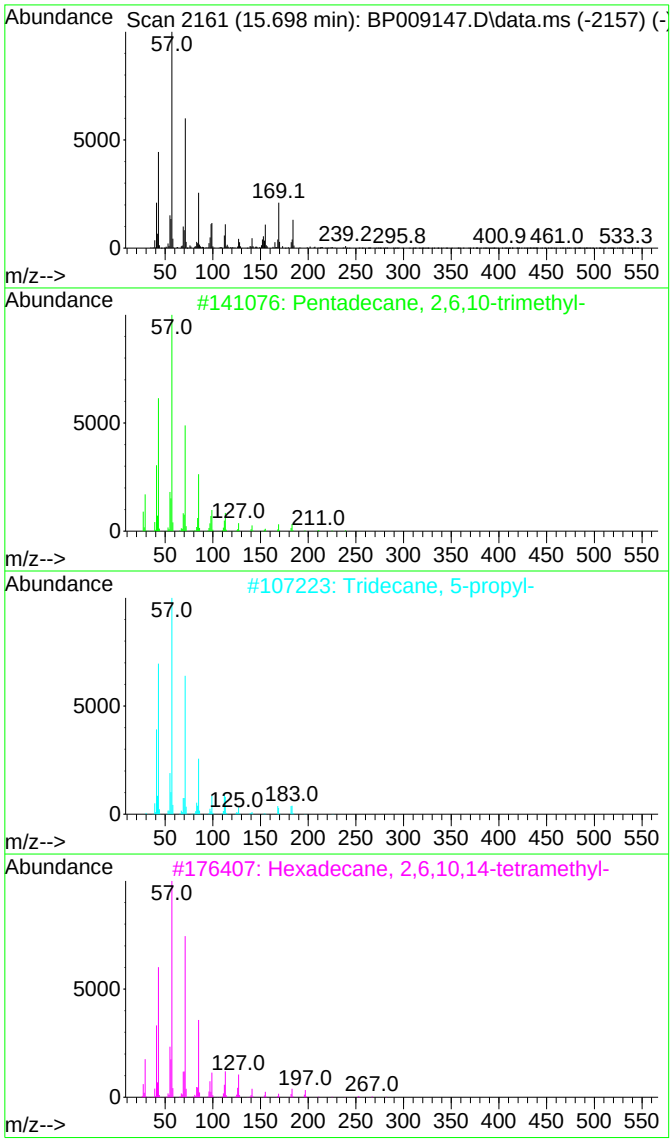
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

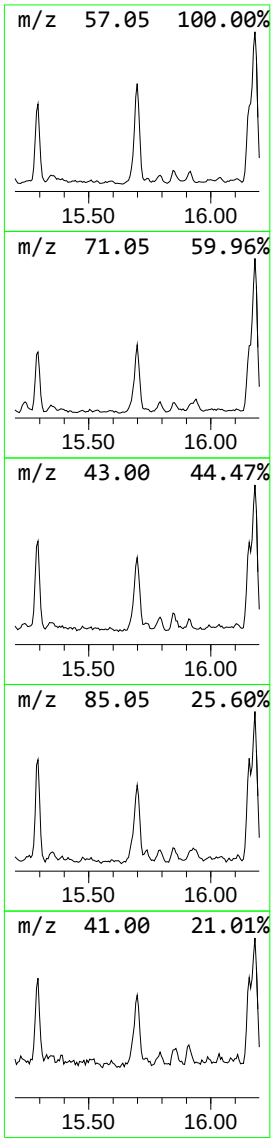
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	2.26 ng	334608	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	89
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

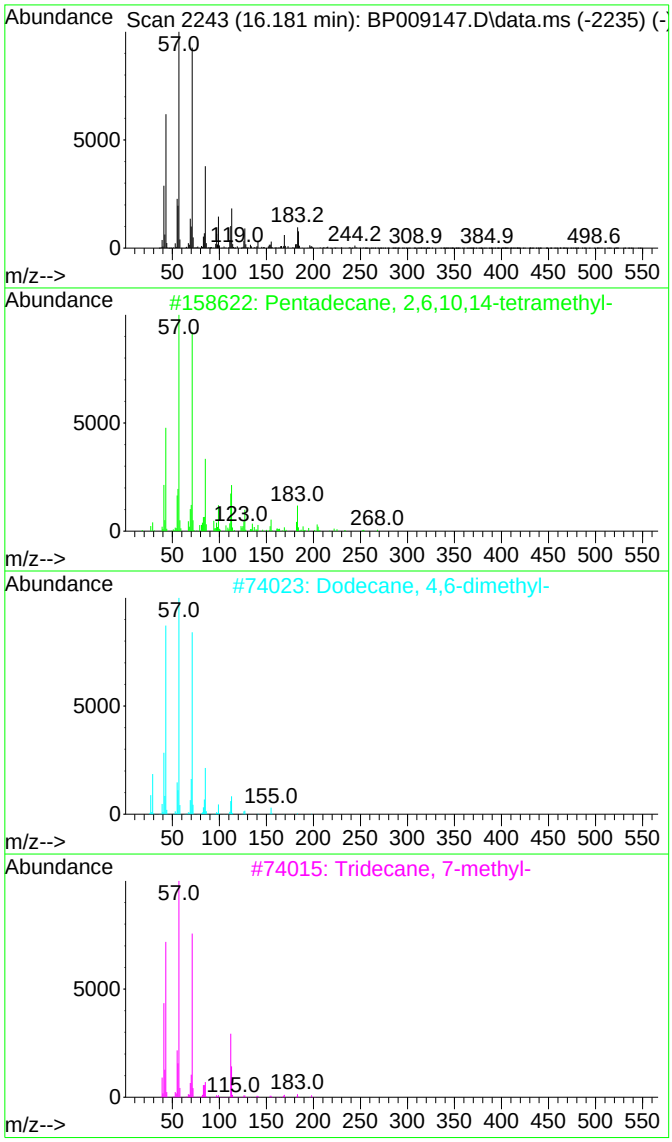
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

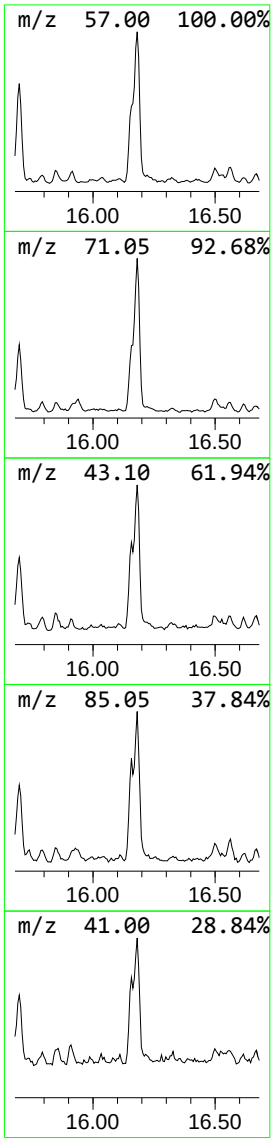
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	6.14 ng	872608	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	70
5	Dodecane	170	C12H26	000112-40-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

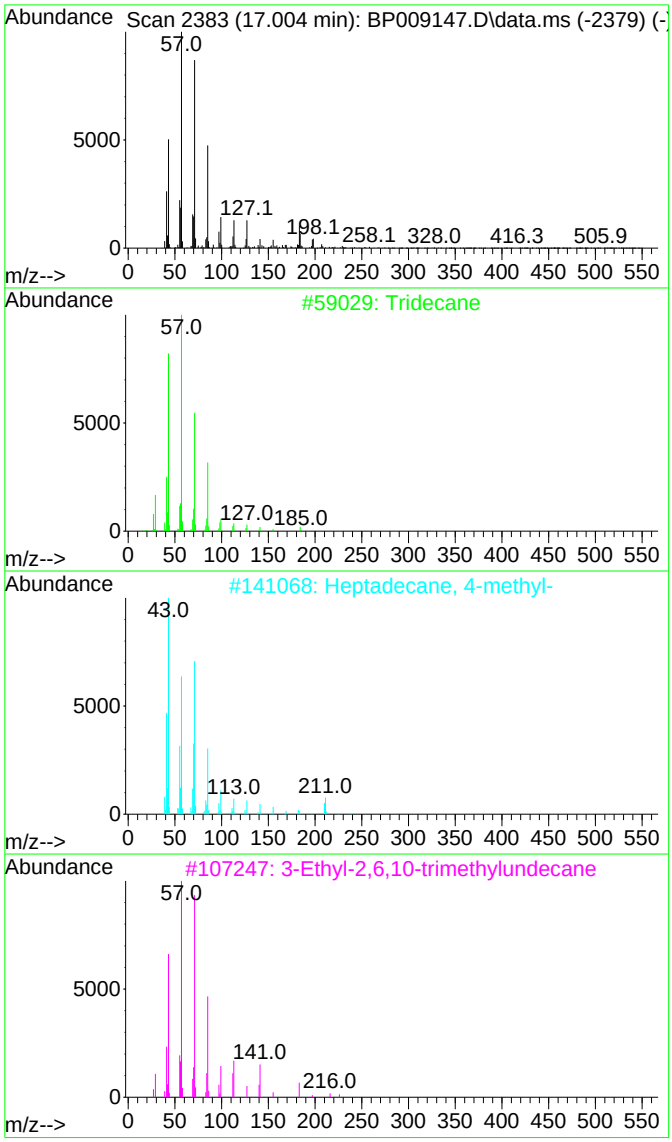
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

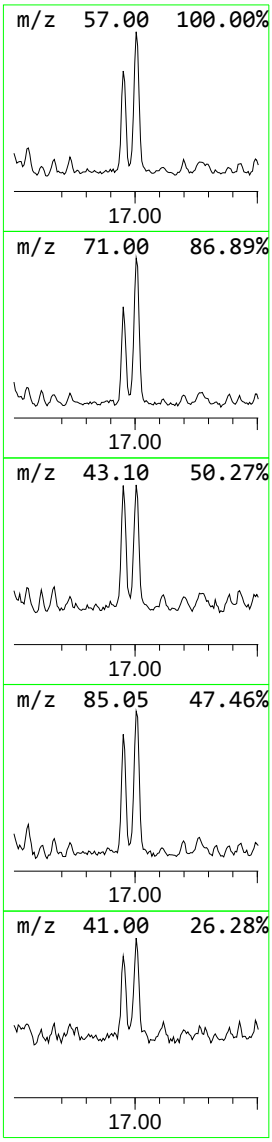
****

Peak Number 7 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.004	2.87 ng	407834	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Tetradecane	198	C14H30	000629-59-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009147.D
Acq On : 14 Feb 2022 22:13
Operator : CG/JU
Sample : N1526-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-1-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfurous acid,...	11.622	2.9	ng	368934	2	10.587	2525140	20.0
Hexadecane, 2,6...	12.975	2.5	ng	369352	3	14.434	2954840	20.0
Carbonic acid, ...	13.922	2.9	ng	422379	3	14.434	2954840	20.0
Pentadecane	14.334	2.3	ng	337637	3	14.434	2954840	20.0
Pentadecane, 2,...	15.698	2.3	ng	334608	3	14.434	2954840	20.0
Pentadecane, 2,...	16.181	6.1	ng	872608	4	17.192	2842200	20.0
Tridecane	17.004	2.9	ng	407834	4	17.192	2842200	20.0