LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

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_F\Methods\8270-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140023.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	17	rVB	435715	676472	72.21%	6.474%
2	3.969	314	319	324	rVB	6262	9537	1.02%	0.091%
3	5.493	573	578	587	rBV	493681	632983	67.57%	6.058%
4	6.498	744	749	768	rVB	493552	622210	66.42%	5.955%
5	6.887	810	815	820	rBV	591779	730253	77.95%	6.989%
6	7.445	901	910	914	rBV	334456	425982	45.47%	4.077%
7	7.528	920	924	929	rVV5	7155	10941	1.17%	0.105%
8	7.692	948	952	961	rVB2	9925	16057	1.71%	0.154%
9	7.910	982	989	996	rVB7	6991	16415	1.75%	0.157%
10	8.169	1019	1033	1040	rBV	725612	936796	100.00%	8.965%
11	8.222	1040	1042	1046	rVB3	8284	10409	1.11%	0.100%
12	8.369	1064	1067	1072	rVB4	7954	12419	1.33%	0.119%
13	8.457	1078	1082	1086	rBV6	7450	11027	1.18%	0.106%
14	8.551	1095	1098	1101	rVB3	8233	9524	1.02%	0.091%
15	8.586	1101	1104	1107	rBV	7650	9791	1.05%	0.094%
16	8.675	1115	1119	1123	rBV5	15667	23033	2.46%	0.220%
17	8.757	1130	1133	1137	rBV2	21580	24999	2.67%	0.239%
18	8.881	1151	1154	1158	rVB	14864	16950	1.81%	0.162%
19	8.986	1167	1172	1179	rBV3	17595	29230	3.12%	0.280%
20	9.116	1191	1194	1199	rVB6	7073	11412	1.22%	0.109%
21	9.186	1203	1206	1211	rVV3	13111	17847	1.91%	0.171%
22	9.239	1211	1215	1225	rVV	572235	733806	78.33%	7.023%
23	9.322	1225	1229	1237	rVV2	35790	53853	5.75%	0.515%
24	9.392	1238	1241	1246	rVB5	9811	12419	1.33%	0.119%
25	9.504	1256	1260	1266	rBV2	19802	31929	3.41%	0.306%
26	9.581	1269	1273	1275	rVV	27001	37296	3.98%	0.357%
27	9.604	1275	1277	1280	rVV2	22065	26096	2.79%	0.250%
28	9.639	1280	1283	1287	rVV3	24321	37962	4.05%	0.363%
29	9.698	1290	1293	1298	rVB3	13763	18307	1.95%	0.175%
30	9.786	1304	1308	1313	rBV6	10415	17917	1.91%	0.171%
31	9.851	1314	1319	1324	rVV	36292	52757	5.63%	0.505%
32	9.922	1325	1331	1345	rVV	677708	911952	97.35%	8.727%
33	10.028	1345	1349	1353	rVB	13508	18734	2.00%	0.179%
34	10.122	1361	1365	1369	rVB4	14029	20060	2.14%	0.192%
35	10.169	1369	1373	1378	rVB3	12441	17567	1.88%	0.168%
36	10.239	1382	1385	1387	rBV	8964	10349	1.10%	0.099%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

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_F\Methods\8270-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.351	1397	1404	1408	rBV2	42987	61423	6.56%	0.588%
38	10.469	1420	1424	1426	rBV3	6669	10068	1.07%	0.096%
39	10.575	1437	1442	1447	rVB2	24540	40536	4.33%	0.388%
40	10.633	1447	1452	1459	rBV	109491	143038	15.27%	1.369%
41	10.710	1459	1465	1470	rBV	247808	333135	35.56%	3.188%
42	10.833	1481	1486	1494	rVB2	63921	114536	12.23%	1.096%
43	10.945	1502	1505	1509	rVB	13138	15510	1.66%	0.148%
44	11.275	1557	1561	1564	rBV	40655	56001	5.98%	0.536%
45	11.304	1564	1566	1572	rVB	32962	40276	4.30%	0.385%
46	11.410	1579	1584	1591	rBV	581792	762839	81.43%	7.300%
47	11.704	1630	1634	1637	rBV	34845	43261	4.62%	0.414%
48	11.739	1637	1640	1647	rVB2	13828	22577	2.41%	0.216%
49	11.863	1658	1661	1663	rBV3	10012	13373	1.43%	0.128%
50	11.933	1667	1673	1680	rVV3	89999	149323	15.94%	1.429%
51	12.022	1685	1688	1691	rBV2	15614	19534	2.09%	0.187%
52	12.110	1699	1703	1706	rBV	41612	51323	5.48%	0.491%
53	12.339	1739	1742	1747	rBV3	14076	25674	2.74%	0.246%
54	12.386	1748	1750	1756	rVV4	16017	28839	3.08%	0.276%
55	12.463	1760	1763	1765	rVV	23053	27799	2.97%	0.266%
56	12.498	1765	1769	1775	rVB	49408	74429	7.95%	0.712%
57	12.622	1787	1790	1794	rBV	32949	41671	4.45%	0.399%
58	12.716	1803	1806	1813	rBV4	25005	54023	5.77%	0.517%
59	12.869	1825	1832	1836	rBV2	59460	134297	14.34%	1.285%
60	12.992	1848	1853	1861	rVB	480082	628925	67.14%	6.019%
61	13.227	1889	1893	1898	rBV	58529	84556	9.03%	0.809%
62	13.569	1948	1951	1955	rBV	59627	77734	8.30%	0.744%
63	14.051	2028	2033	2040	rBV	524678	740927	79.09%	7.091%
64	15.533	2281	2285	2289	rBV	266057	398261	42.51%	3.811%

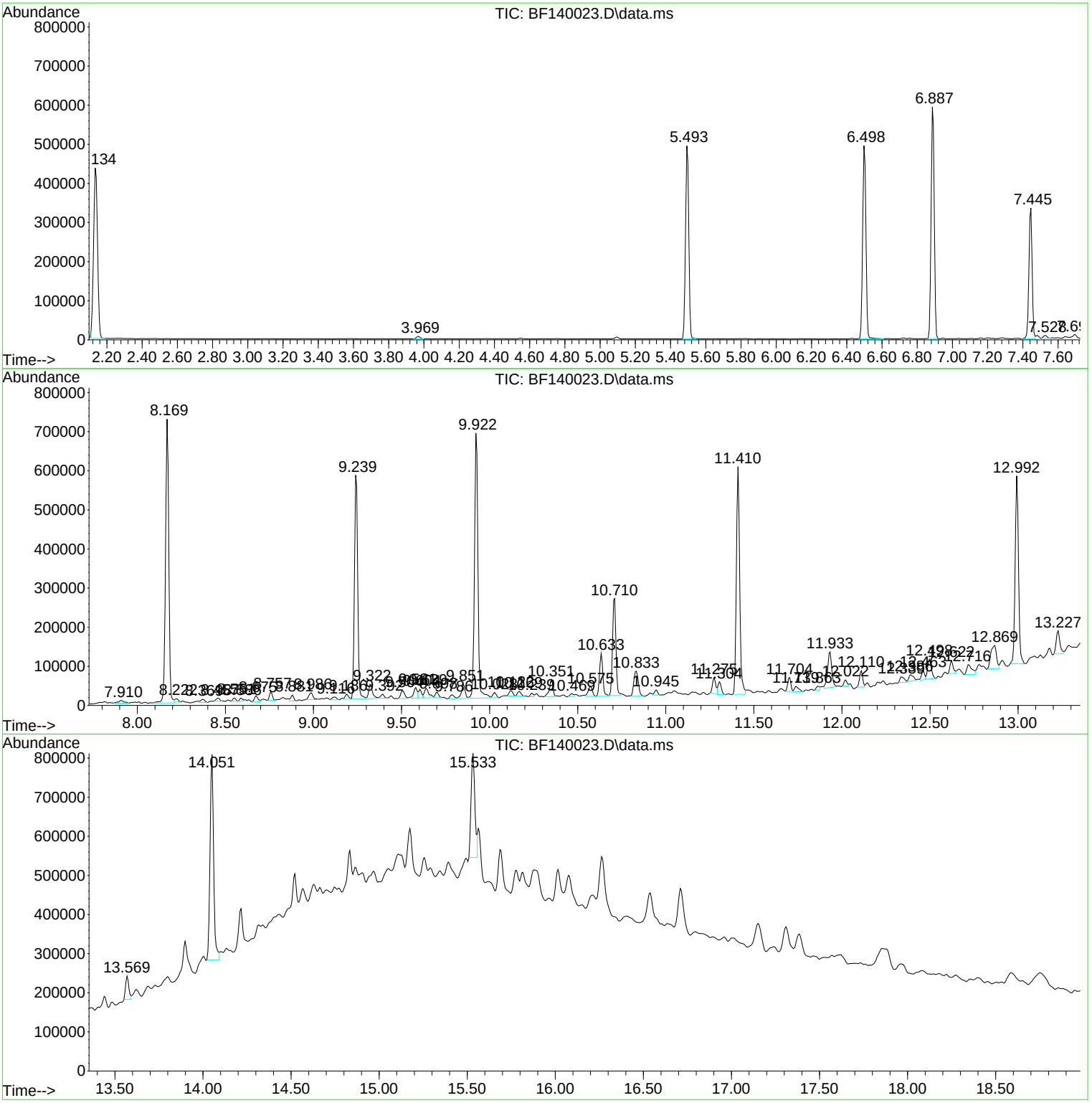
Sum of corrected areas: 10449179

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

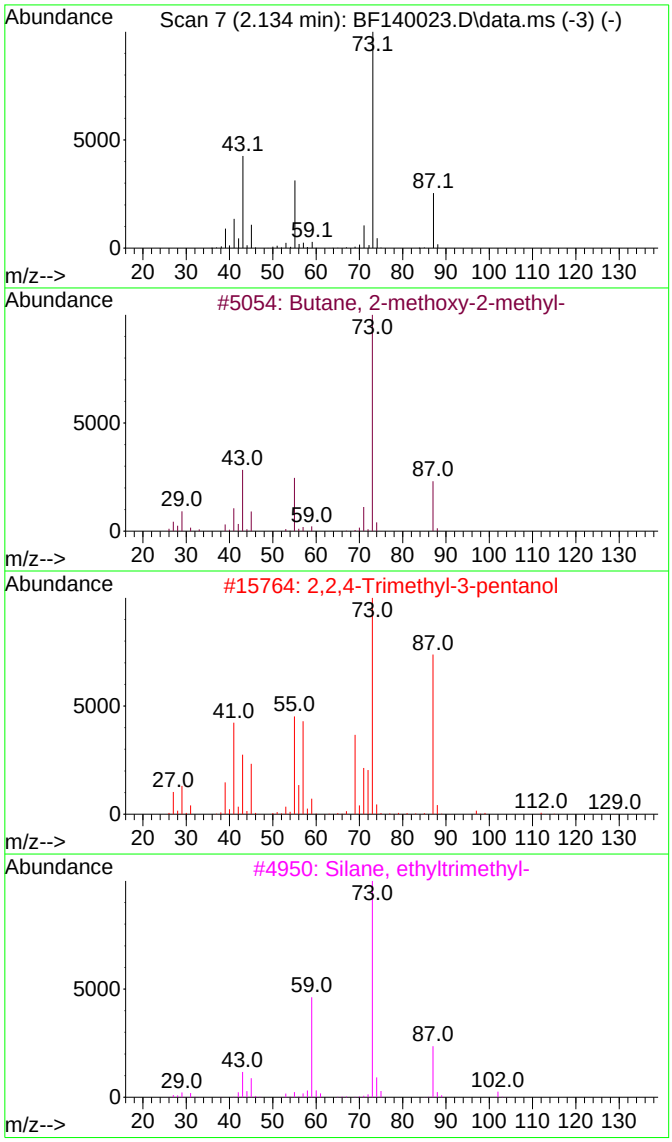
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

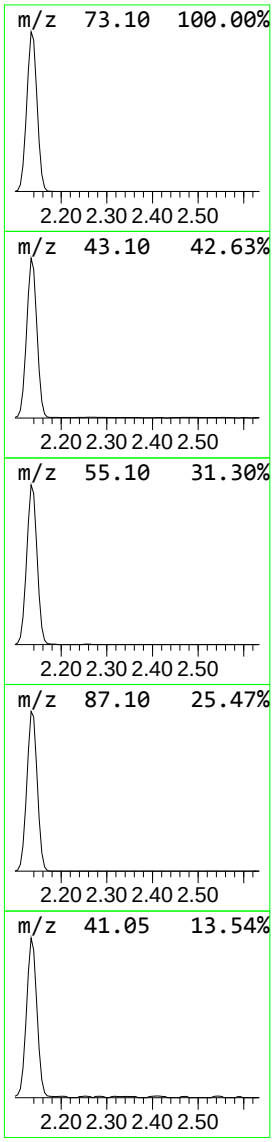
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	18.53 ng	676472	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

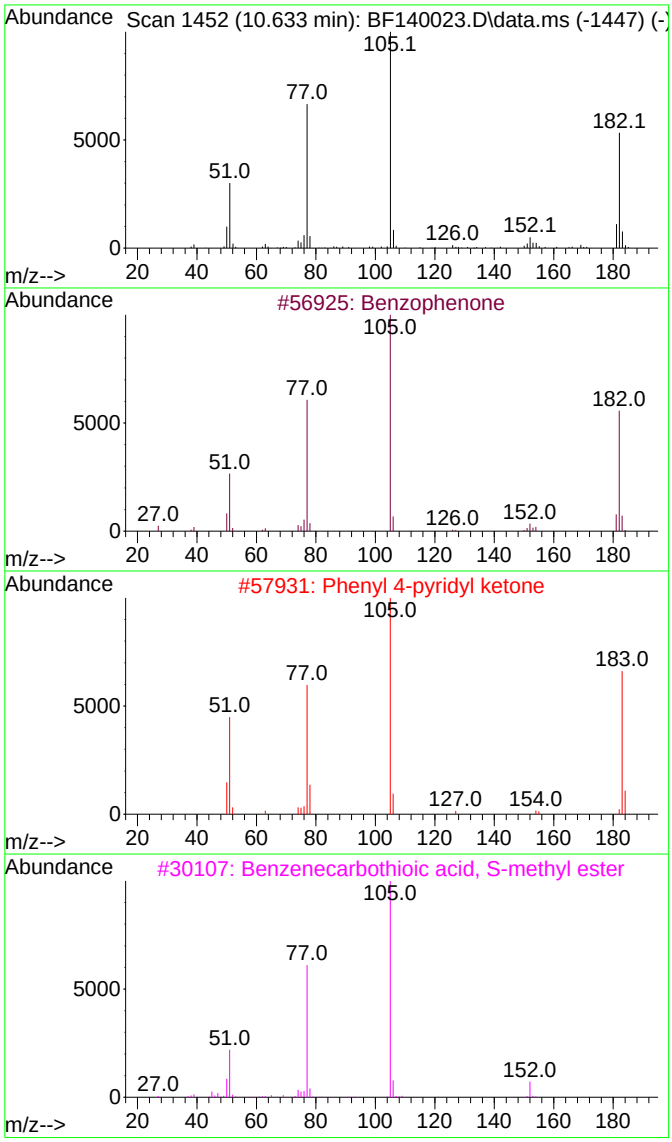
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

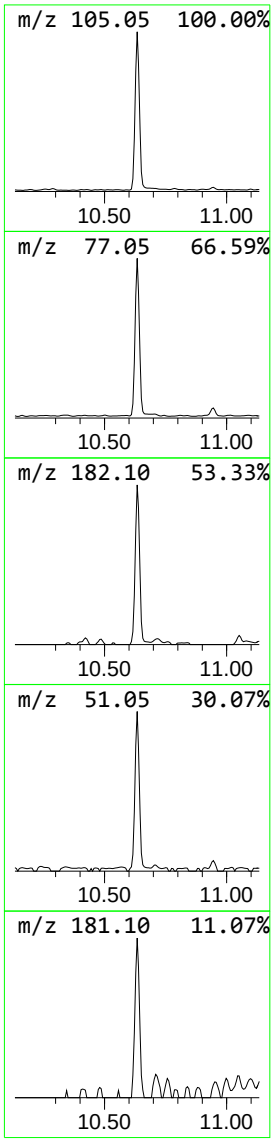
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	3.14 ng	143038	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

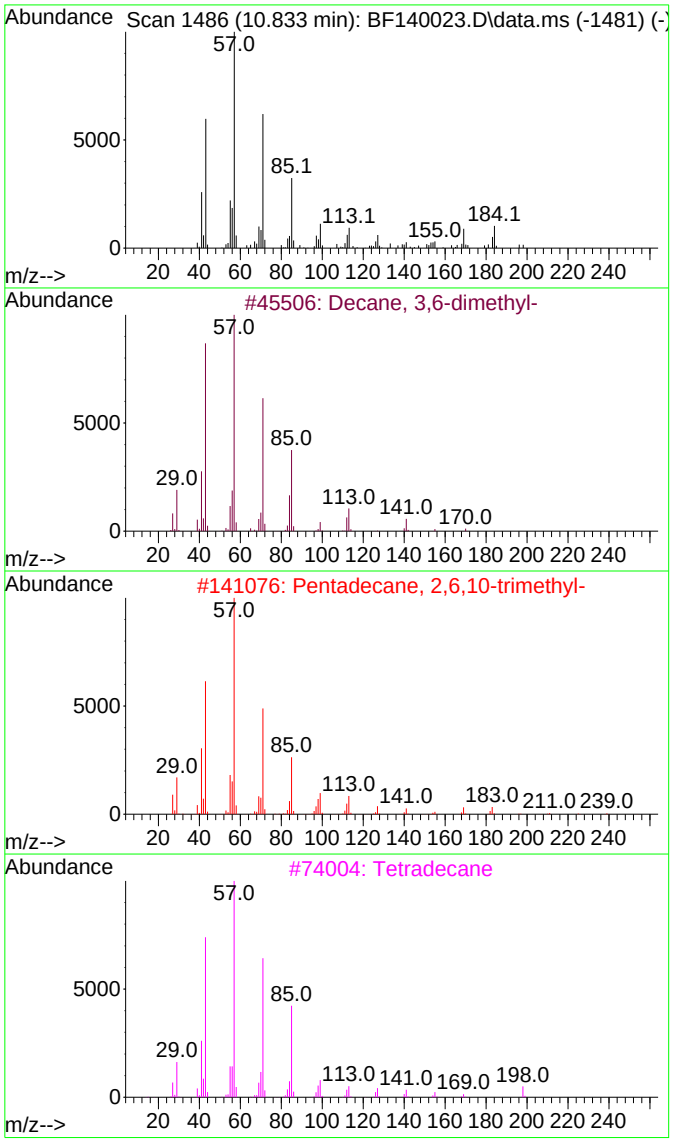
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

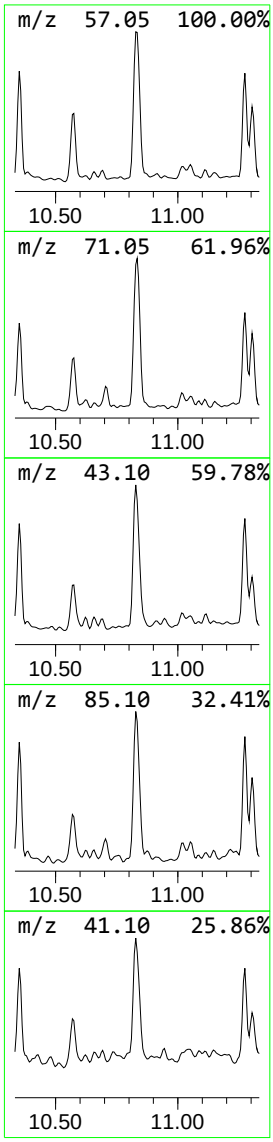
****

Peak Number 3 Decane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	3.00 ng	114536	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Tetradecane	198	C14H30	000629-59-4	74
4	Heneicosane	296	C21H44	000629-94-7	74
5	Tetracosane	338	C24H50	000646-31-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

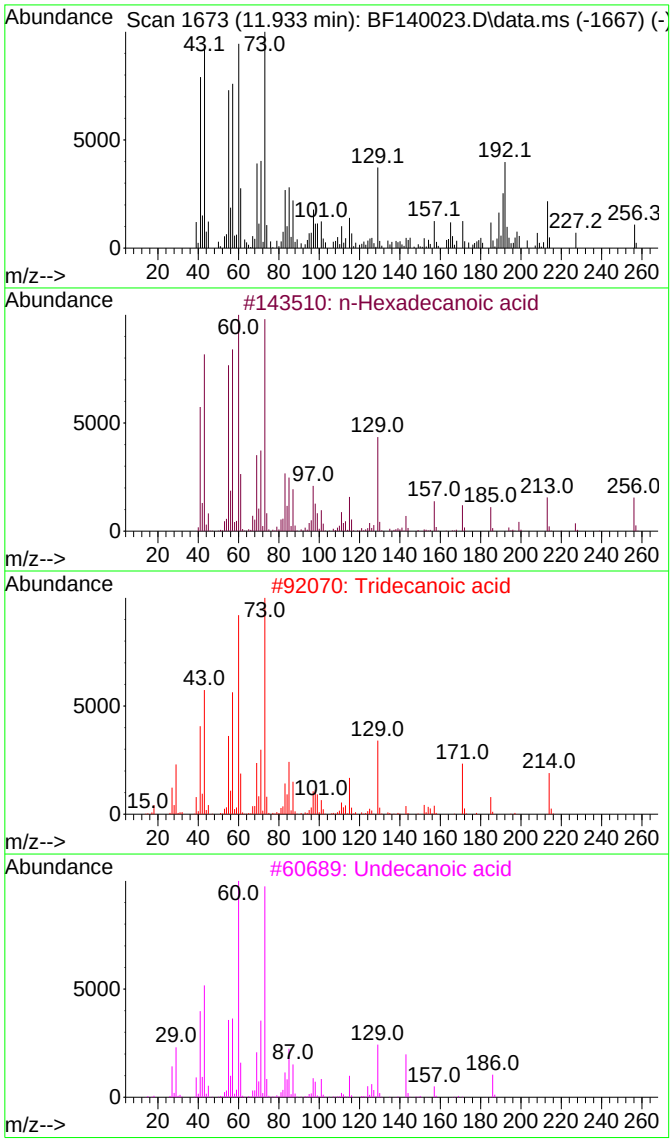
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

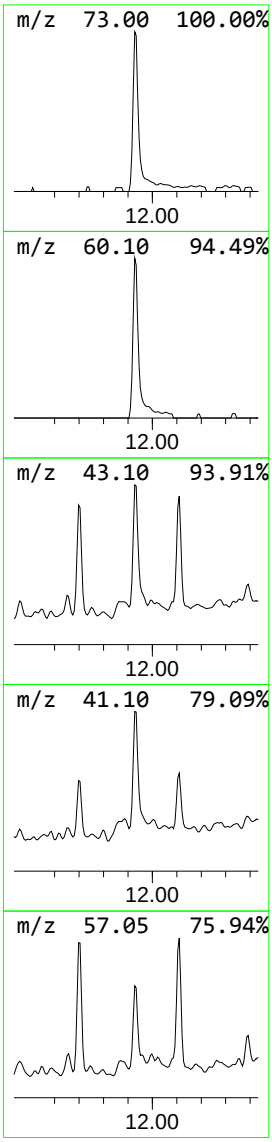
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.91 ng	149323	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Undecanoic acid	186	C11H22O2	000112-37-8	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

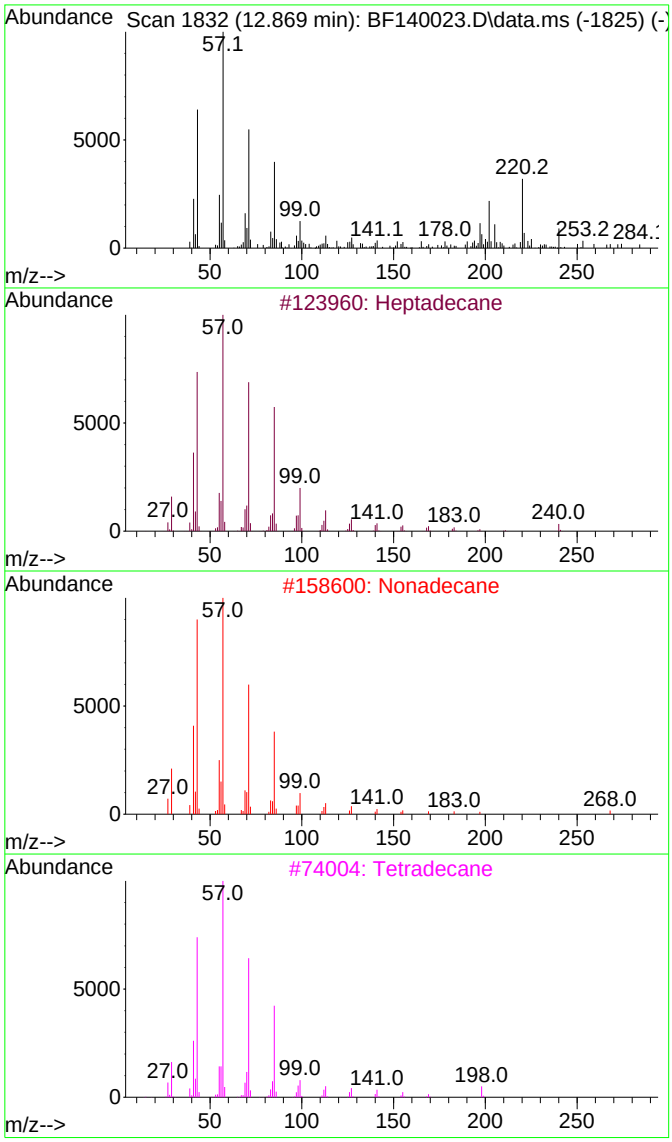
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

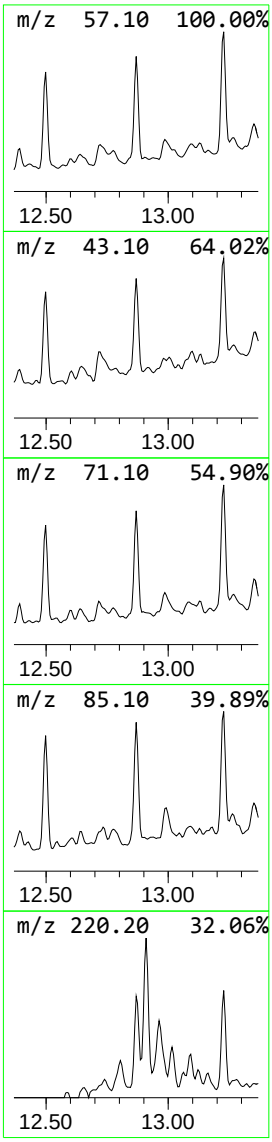
****

Peak Number 5 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	3.63 ng	134297	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Nonadecane	268	C19H40	000629-92-5	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Heneicosane	296	C21H44	000629-94-7	50
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

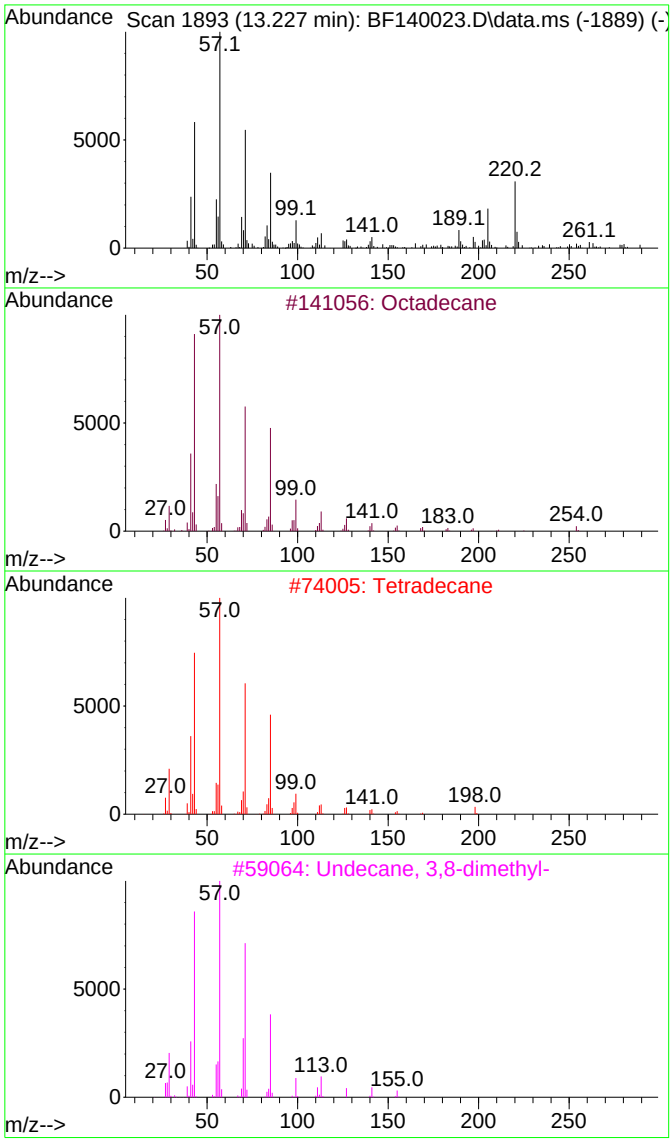
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

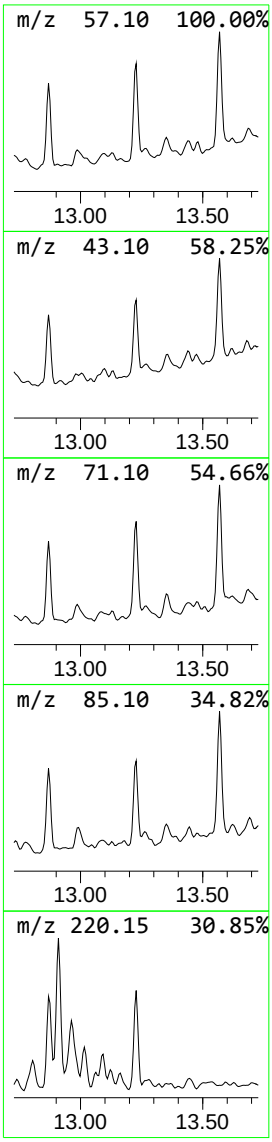
****

Peak Number 6 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	2.28 ng	84556	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	78
2	Tetradecane	198	C14H30	000629-59-4	62
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	58
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

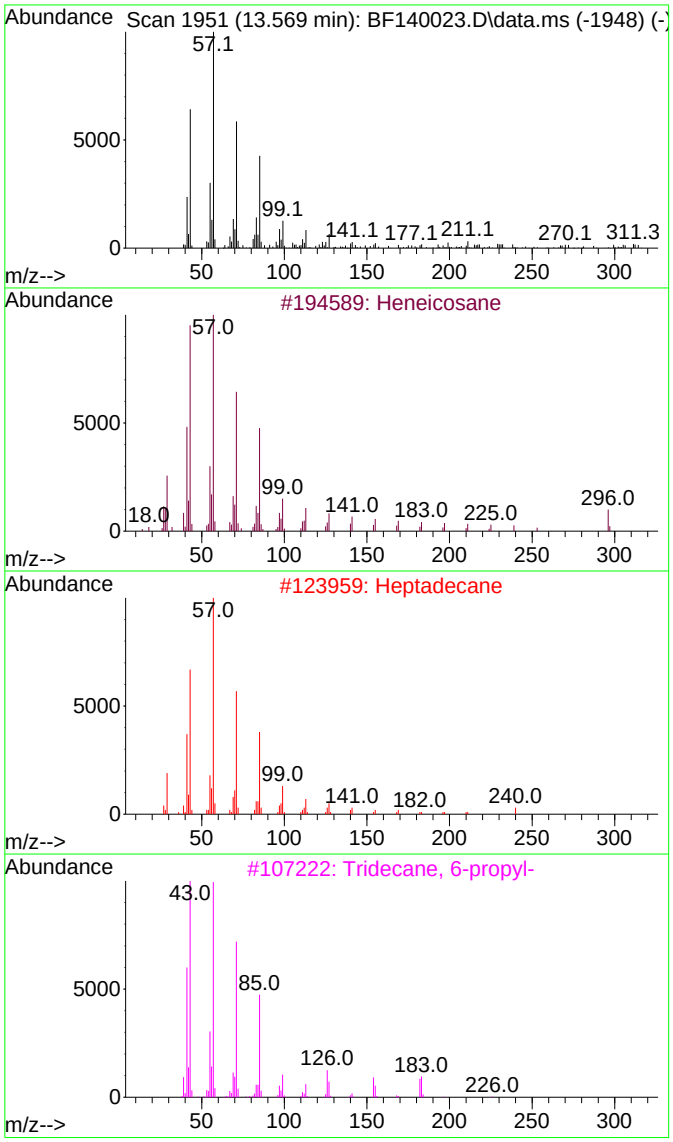
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

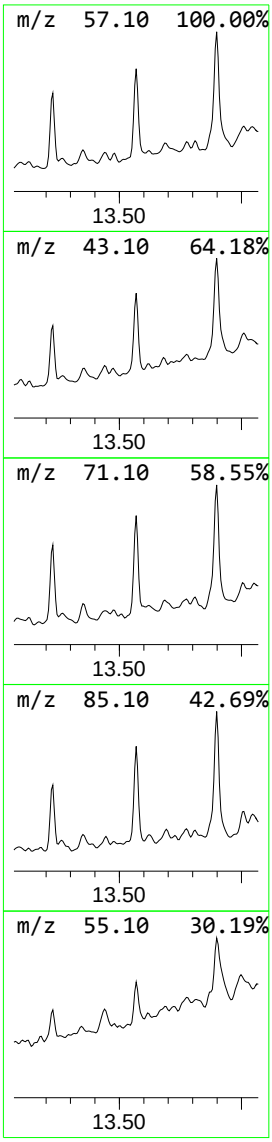
****

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	2.10 ng	77734	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140023.D
Acq On : 25 Oct 2024 01:46
Operator : RC/JU
Sample : P4470-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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
Butane, 2-metho...	2.134	18.5	ng	676472	1	6.887	730253	20.0
Benzophenone	10.633	3.1	ng	143038	3	9.922	911952	20.0
Decane, 3,6-dim...	10.833	3.0	ng	114536	4	11.410	762839	20.0
n-Hexadecanoic ...	11.933	3.9	ng	149323	4	11.410	762839	20.0
Heptadecane	12.869	3.6	ng	134297	5	14.051	740927	20.0
Octadecane	13.227	2.3	ng	84556	5	14.051	740927	20.0
Heneicosane	13.569	2.1	ng	77734	5	14.051	740927	20.0