

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113889.D
 Acq On : 22 Apr 2019 20:31
 Operator : JU/SJ
 Sample : K2510-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF042219.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	18	22	33	rVB	65096	117643	2.08%	0.258%
2	5.134	510	518	524	rBV	89073	114028	2.02%	0.250%
3	5.522	579	584	587	rBV	3949062	4186483	74.00%	9.196%
4	6.522	748	754	757	rBV	3842037	4445858	78.59%	9.766%
5	6.669	774	779	782	rBV	4535180	4520283	79.90%	9.929%
6	6.892	814	817	821	rBV	1267751	1091980	19.30%	2.399%
7	7.051	840	844	848	rBV	3915786	3689178	65.21%	8.104%
8	7.451	907	912	915	rBV	2919294	2833786	50.09%	6.225%
9	8.175	1031	1035	1038	rBV	1655502	1372338	24.26%	3.015%
10	9.251	1213	1218	1221	rBV	6077976	5634786	99.60%	12.377%
11	9.639	1280	1284	1287	rBV	363858	305435	5.40%	0.671%
12	9.927	1329	1333	1337	rBV2	1858828	1648821	29.15%	3.622%
13	10.716	1462	1467	1470	rBV	3764479	3541709	62.61%	7.780%
14	11.410	1581	1585	1589	rBV	1892996	1708910	30.21%	3.754%
15	11.933	1671	1674	1679	rBV	240118	245532	4.34%	0.539%
16	12.721	1804	1808	1815	rBV	134668	139327	2.46%	0.306%
17	12.998	1850	1855	1858	rBV	5719338	5657185	100.00%	12.427%
18	13.233	1891	1895	1899	rBV	87351	82841	1.46%	0.182%
19	13.574	1950	1953	1955	rBV	79833	66312	1.17%	0.146%
20	13.904	2005	2009	2014	rVB	87722	80804	1.43%	0.177%
21	14.004	2018	2026	2030	rBV5	53268	155466	2.75%	0.341%
22	14.051	2030	2034	2037	rVB	1553909	1411520	24.95%	3.101%
23	14.221	2060	2063	2070	rVB	86850	81062	1.43%	0.178%
24	14.533	2110	2116	2120	rBV	132926	134204	2.37%	0.295%
25	14.845	2166	2169	2173	rVB	146581	141610	2.50%	0.311%
26	15.192	2224	2228	2235	rVB	176825	197330	3.49%	0.433%
27	15.539	2281	2287	2291	rBV	1082281	1371850	24.25%	3.013%
28	15.580	2291	2294	2301	rVB	149404	192285	3.40%	0.422%
29	16.021	2365	2369	2375	rVB	122341	180746	3.19%	0.397%
30	16.545	2452	2458	2463	rBV	64469	112048	1.98%	0.246%
31	17.150	2556	2561	2567	rVB3	29776	63120	1.12%	0.139%

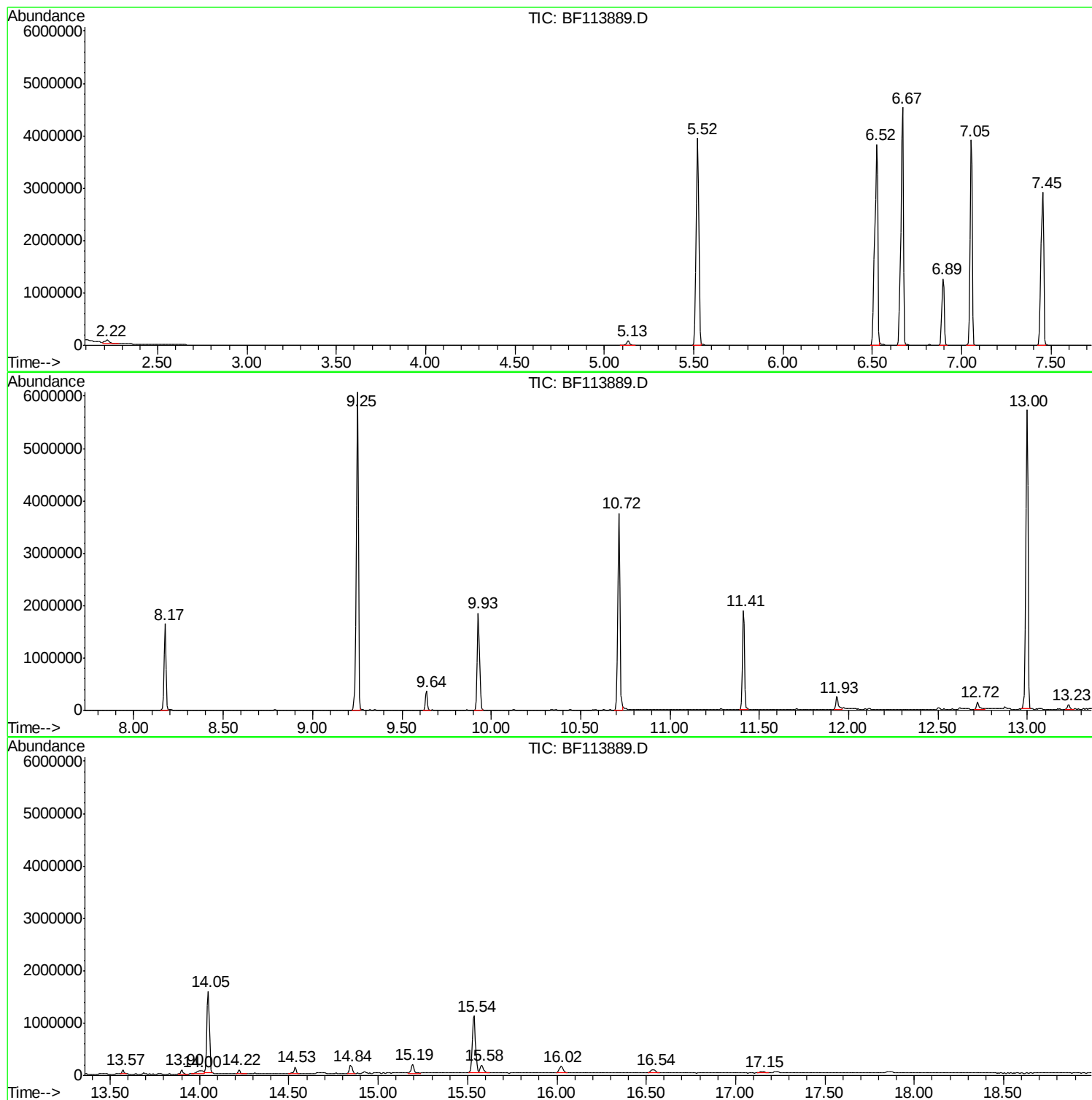
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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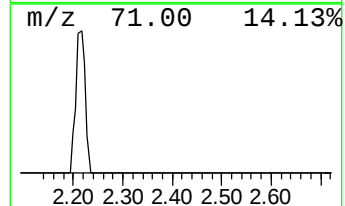
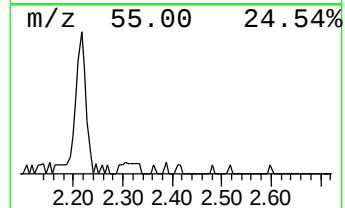
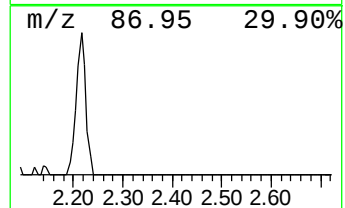
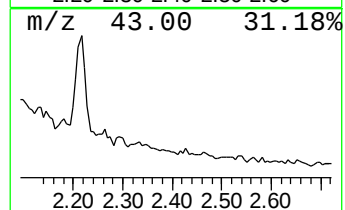
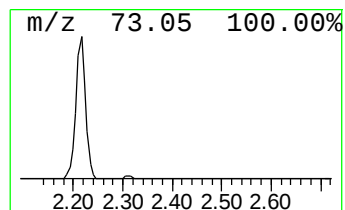
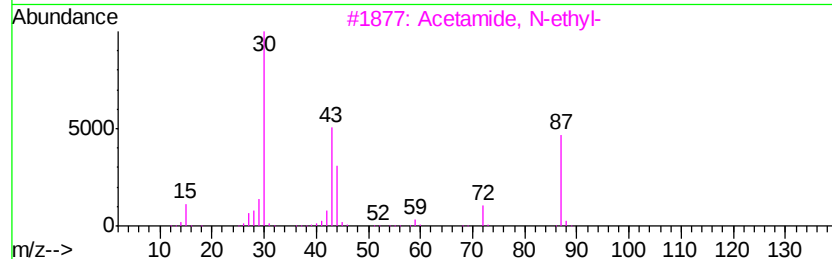
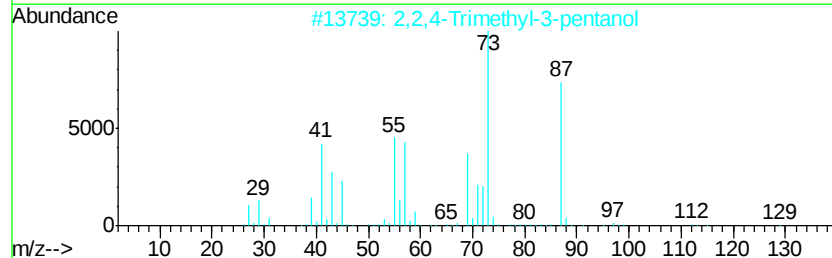
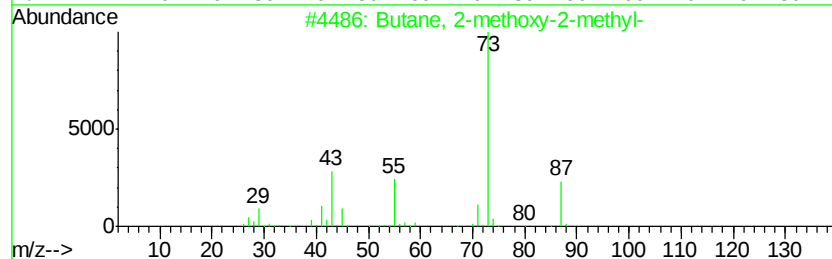
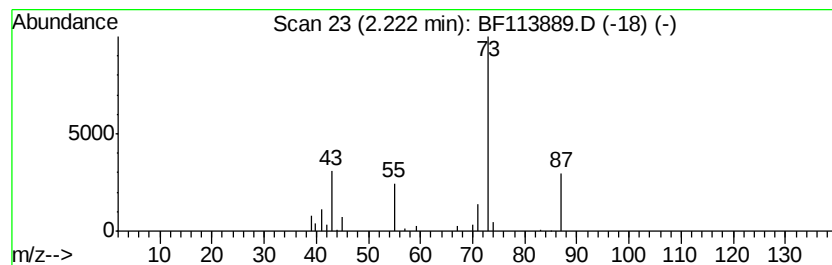
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.15 ng	117643	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9



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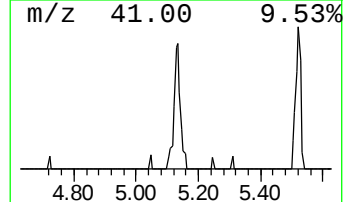
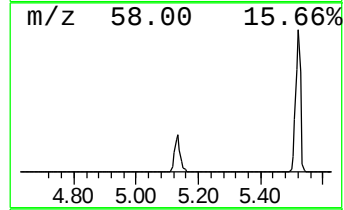
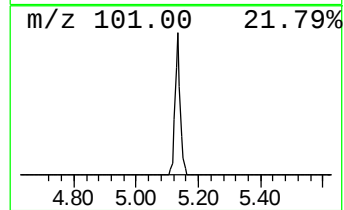
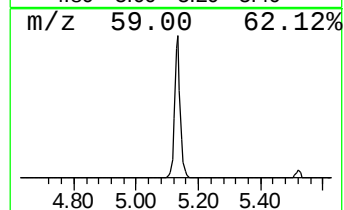
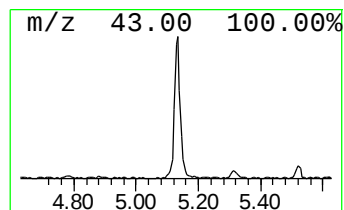
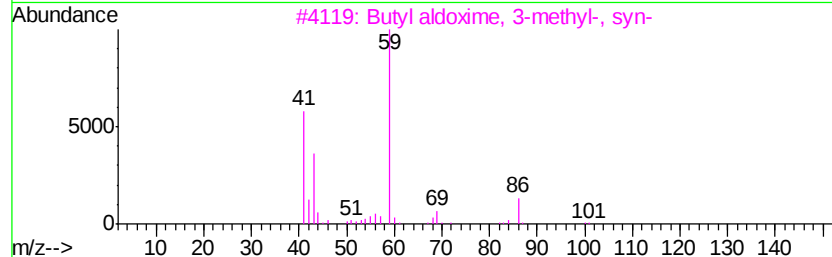
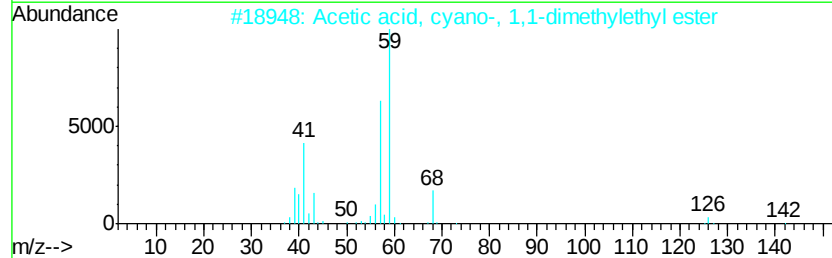
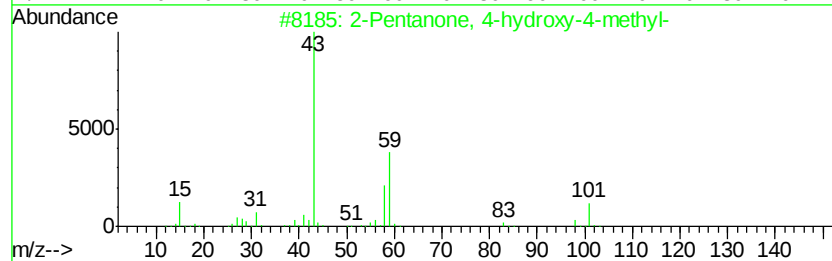
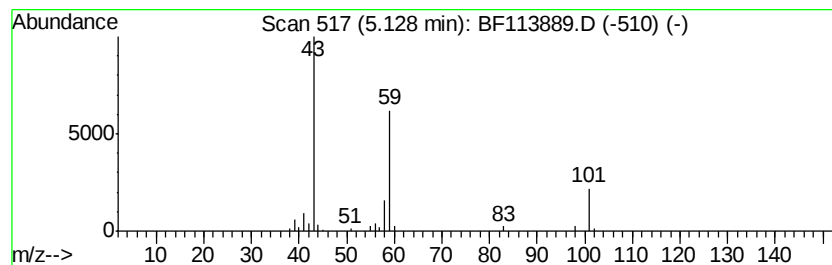
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	2.09 ng	114028	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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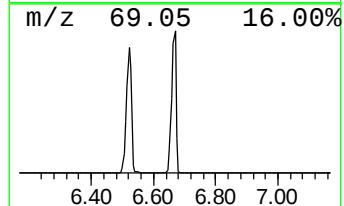
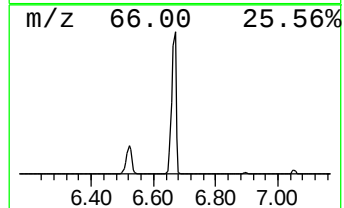
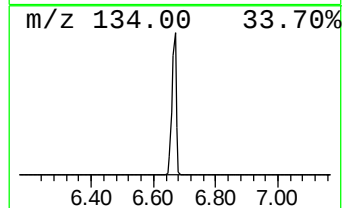
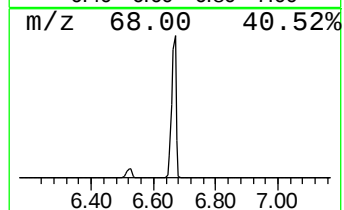
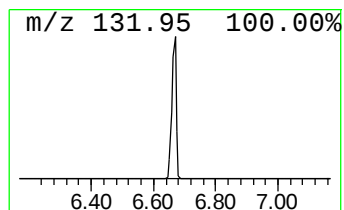
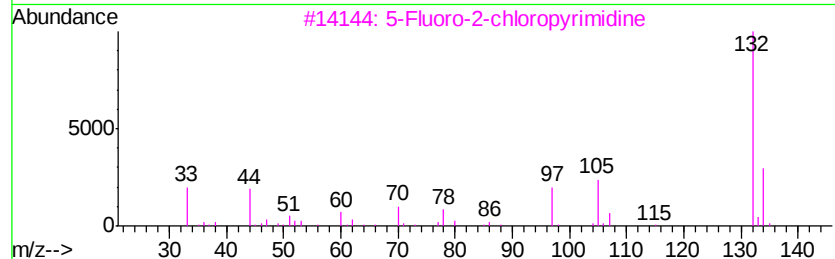
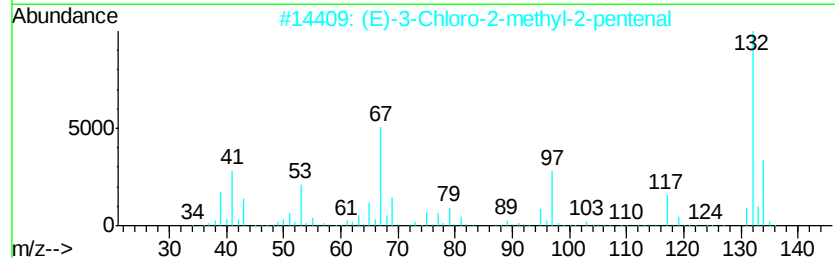
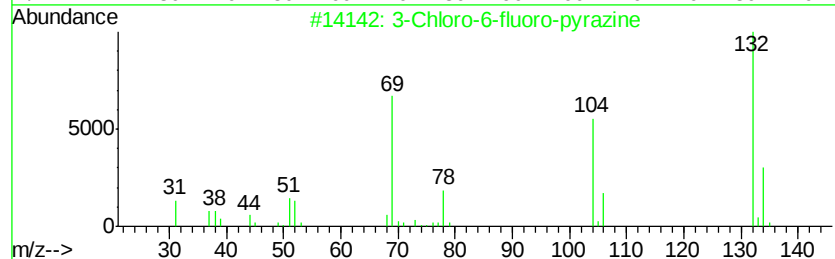
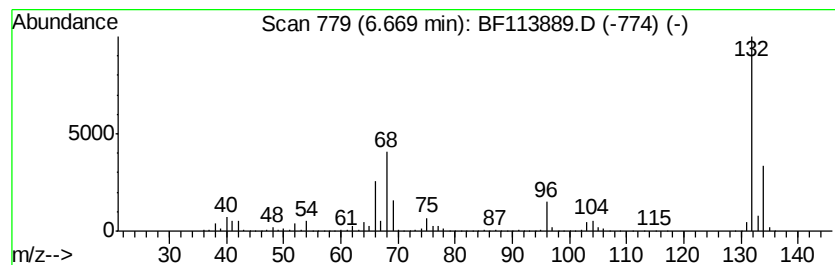
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	82.79 ng	4520280	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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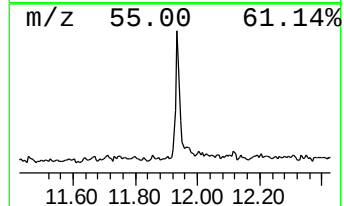
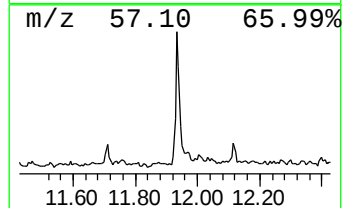
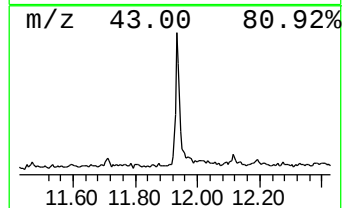
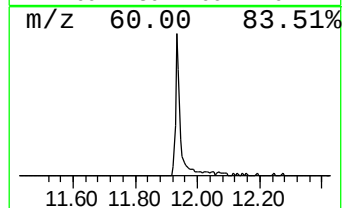
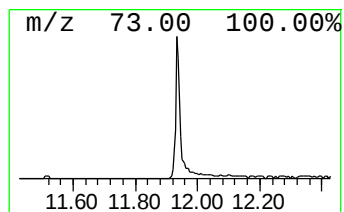
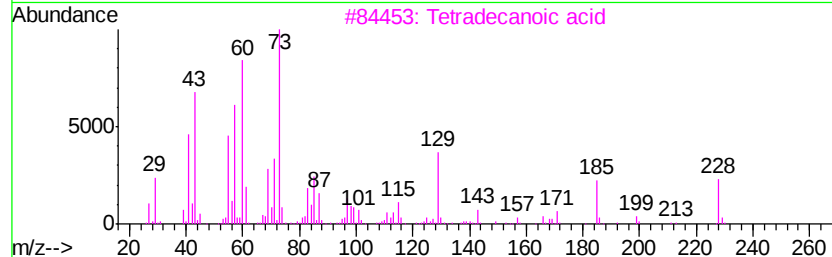
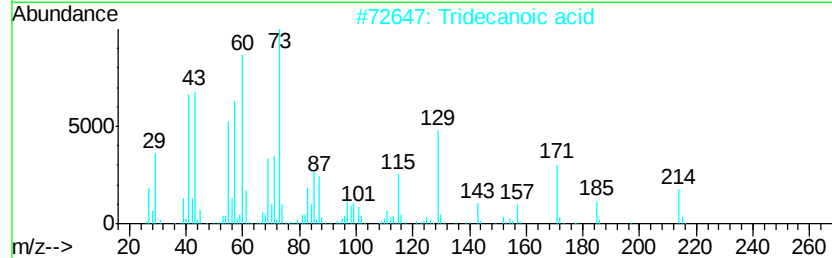
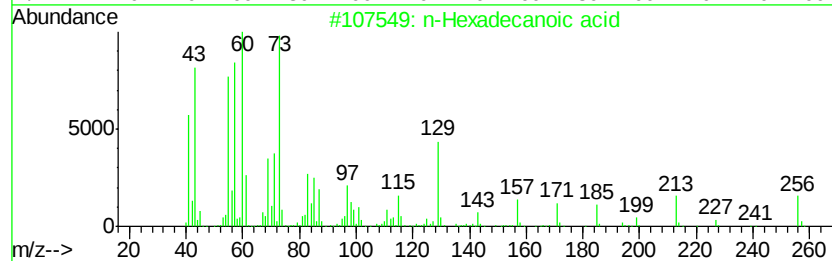
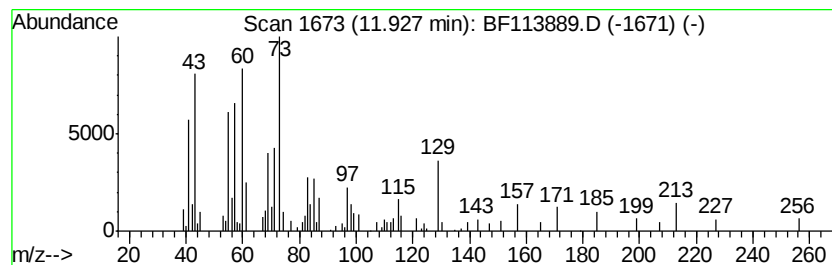
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.87 ng	245532	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25



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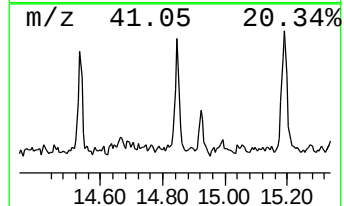
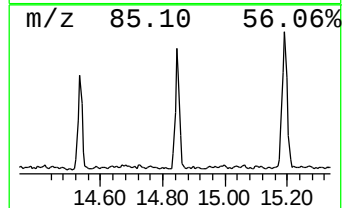
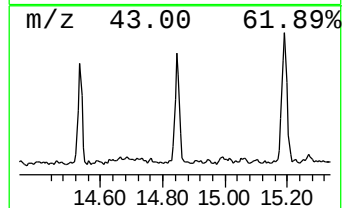
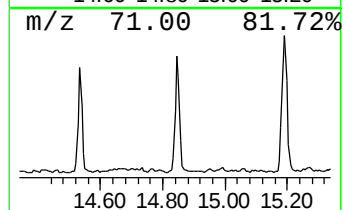
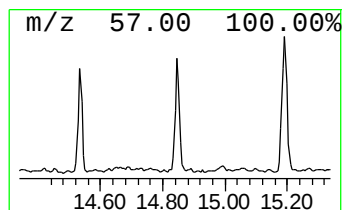
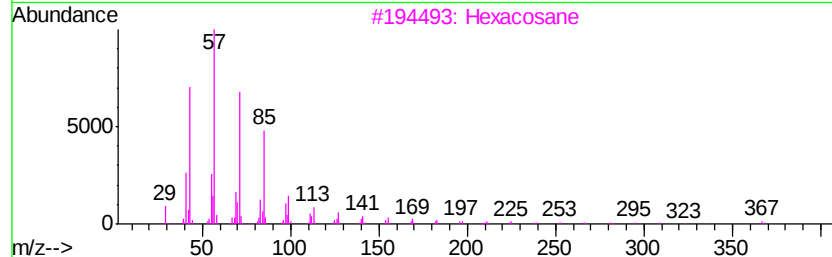
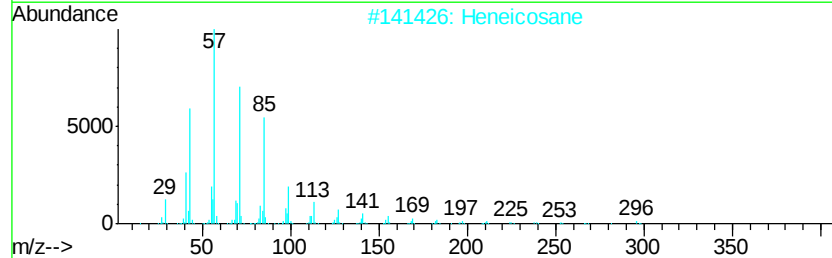
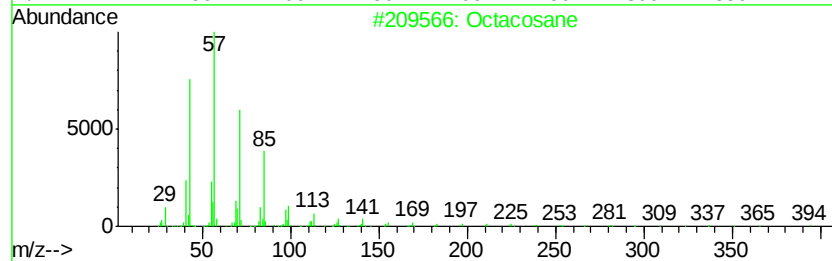
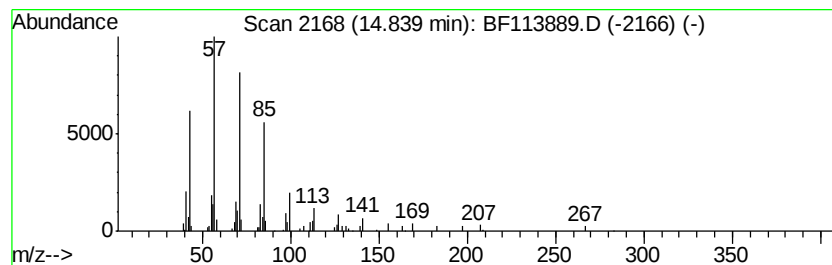
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.06 ng	141610	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



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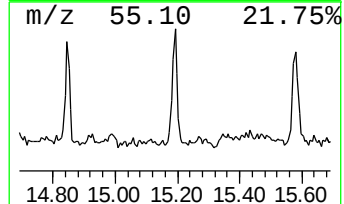
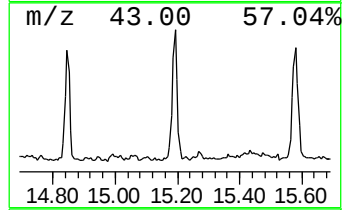
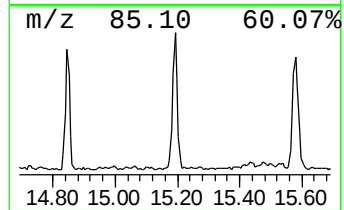
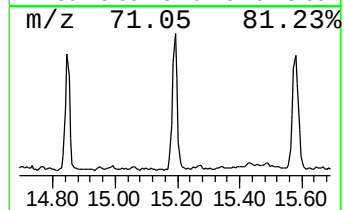
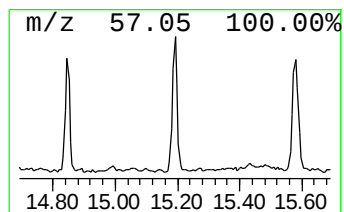
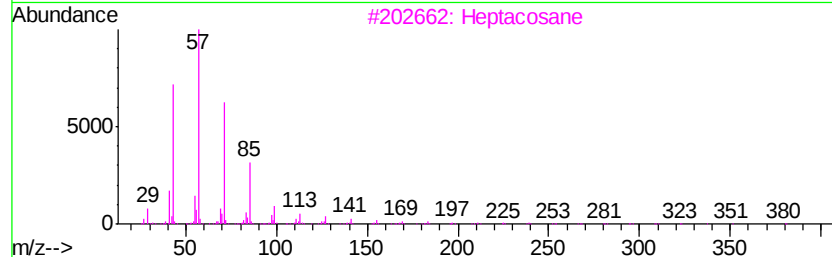
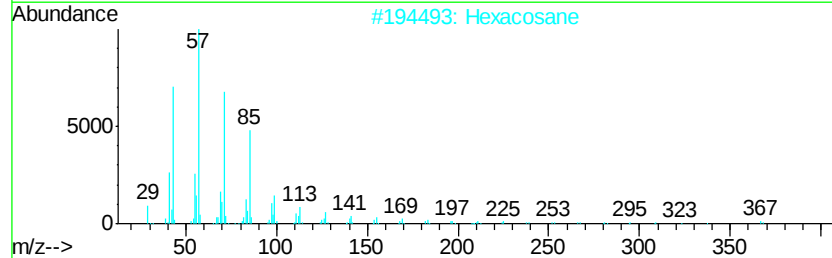
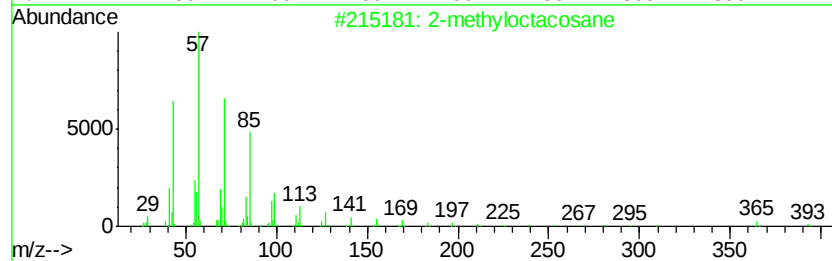
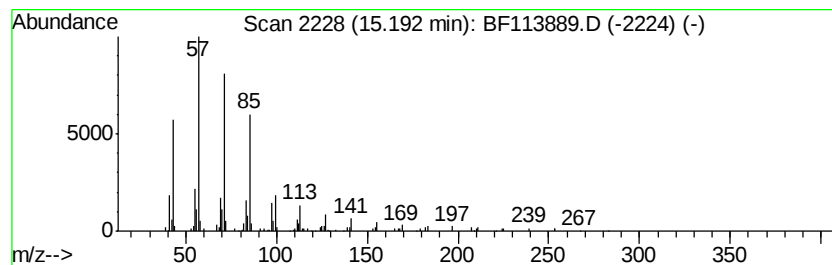
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.88 ng	197330	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Docosane	310	C22H46	000629-97-0	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113889.D
 Acq On : 22 Apr 2019 20:31
 Operator : JU/SJ
 Sample : K2510-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-B

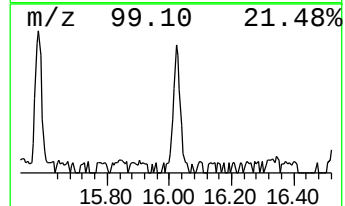
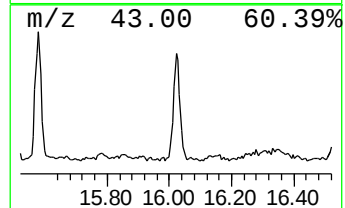
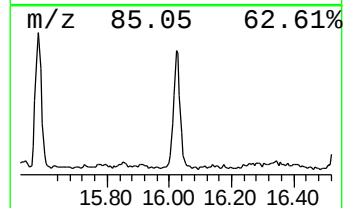
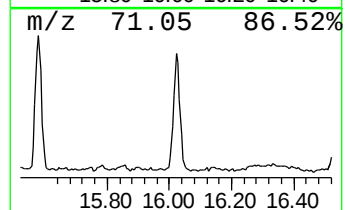
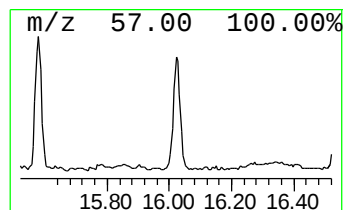
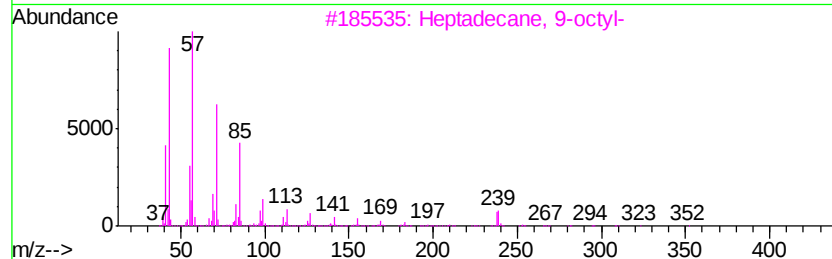
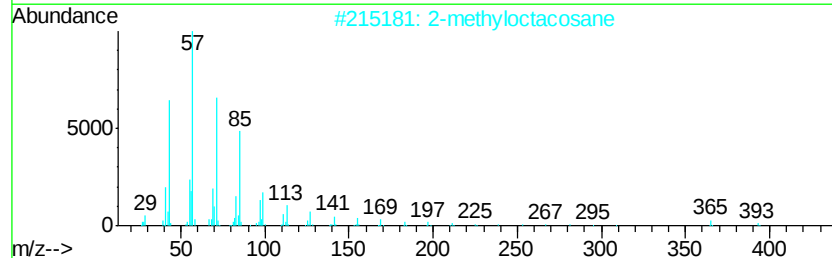
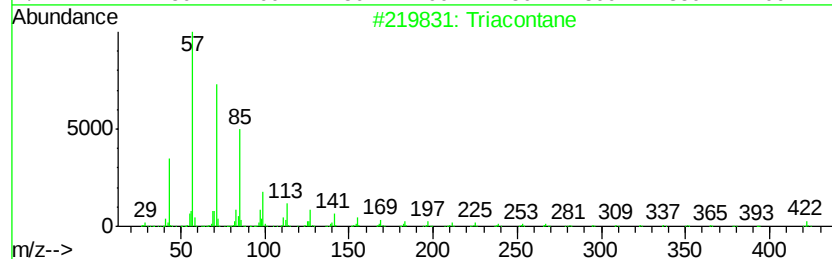
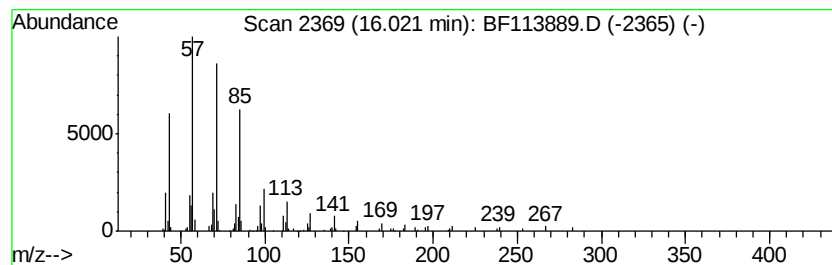
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.64 ng	180746	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113889.D
Acq On : 22 Apr 2019 20:31
Operator : JU/SJ
Sample : K2510-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.22	2.1 ng		117643	1	6.89	1091980	20.0
2-Pentanone, 4-hy...	5.13	2.1 ng		114028	1	6.89	1091980	20.0
unknown6.67	6.67	82.8 ng		4520280	1	6.89	1091980	20.0
n-Hexadecanoic acid	11.93	2.9 ng		245532	4	11.41	1708910	20.0
Octacosane	14.84	2.1 ng		141610	6	15.54	1371850	20.0
2-methyloctacosane	15.19	2.9 ng		197330	6	15.54	1371850	20.0
Triacontane	16.02	2.6 ng		180746	6	15.54	1371850	20.0