

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119068.D
 Acq On : 25 Feb 2020 16:50
 Operator : CG/JU
 Sample : L1602-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0177-COMP-SL-A-ELUTRIATE

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-BF022020.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	5.381	556	560	577	rBV	2656516	2576782	39.48%	5.394%
2	6.392	729	732	736	rBV	1111812	1252243	19.19%	2.621%
3	6.428	736	738	765	rVB	219393	722959	11.08%	1.513%
4	6.751	789	793	801	rBV	1183450	1004423	15.39%	2.103%
5	6.910	815	820	823	rBV	3957974	3761989	57.64%	7.875%
6	7.316	883	889	892	rBV	2635085	2876265	44.07%	6.021%
7	7.475	910	916	919	rBV	5383064	6365963	97.54%	13.326%
8	7.522	921	924	943	rVB	66920	116754	1.79%	0.244%
9	7.939	992	995	1006	rBV	63782	84619	1.30%	0.177%
10	8.033	1006	1011	1017	rBV	1404504	1322836	20.27%	2.769%
11	9.110	1188	1194	1197	rBV	5777261	5985553	91.71%	12.530%
12	9.498	1256	1260	1264	rBV	183874	164114	2.51%	0.344%
13	9.786	1303	1309	1318	rBV	1658759	1677165	25.70%	3.511%
14	10.574	1437	1443	1457	rBV	4009789	4067264	62.32%	8.514%
15	11.269	1557	1561	1569	rBV	1805689	1732999	26.55%	3.628%
16	11.804	1647	1652	1664	rBV2	525586	656446	10.06%	1.374%
17	12.580	1781	1784	1797	rBV	217491	283401	4.34%	0.593%
18	12.857	1825	1831	1834	rBV	6119955	6526543	100.00%	13.662%
19	13.745	1978	1982	1998	rBV2	586679	907762	13.91%	1.900%
20	13.904	2005	2009	2016	rVB	1714981	1572520	24.09%	3.292%
21	14.068	2032	2037	2047	rBV	189824	198894	3.05%	0.416%
22	14.368	2084	2088	2101	rBV	307063	353129	5.41%	0.739%
23	14.668	2135	2139	2143	rBV	432930	416727	6.39%	0.872%
24	14.986	2189	2193	2198	rBV	460140	488196	7.48%	1.022%
25	15.327	2246	2251	2263	rBV2	1090430	1840397	28.20%	3.853%
26	15.756	2318	2324	2329	rBV	263423	380086	5.82%	0.796%
27	15.815	2329	2334	2340	rBV6	49875	118076	1.81%	0.247%
28	16.227	2398	2404	2419	rBV2	120807	240910	3.69%	0.504%
29	16.780	2493	2498	2509	rVB4	36024	76197	1.17%	0.160%

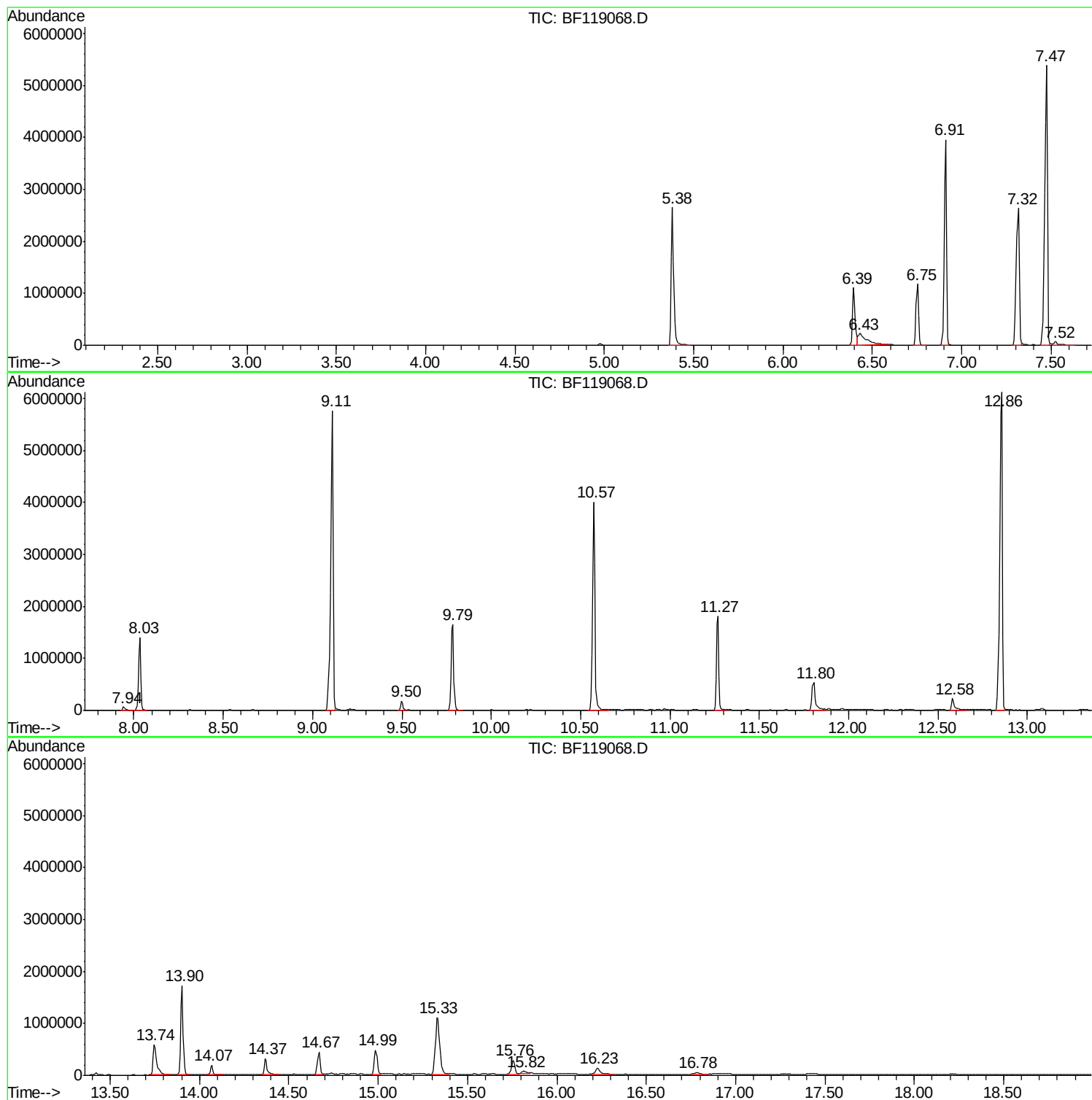
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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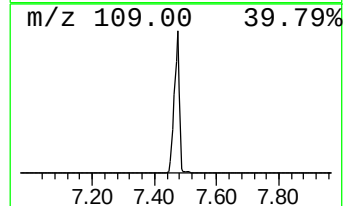
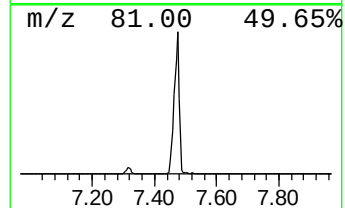
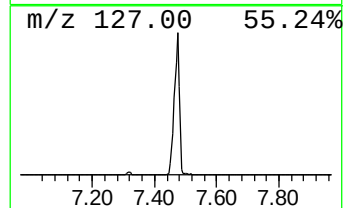
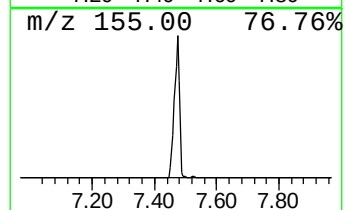
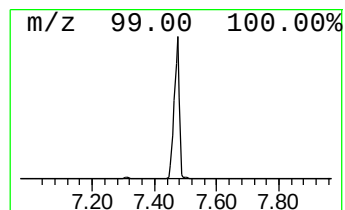
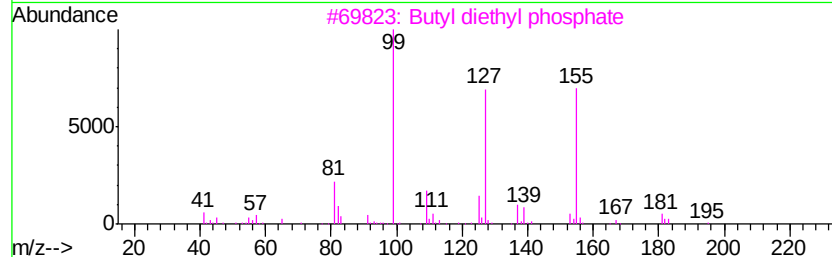
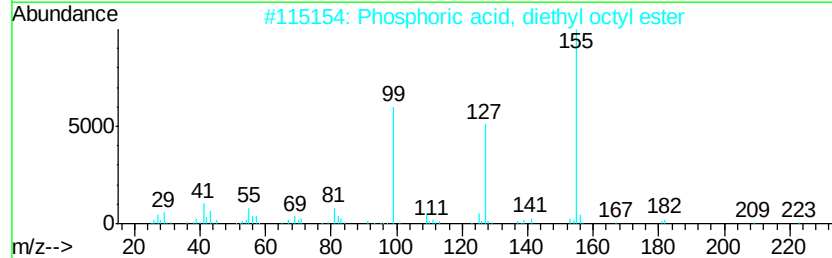
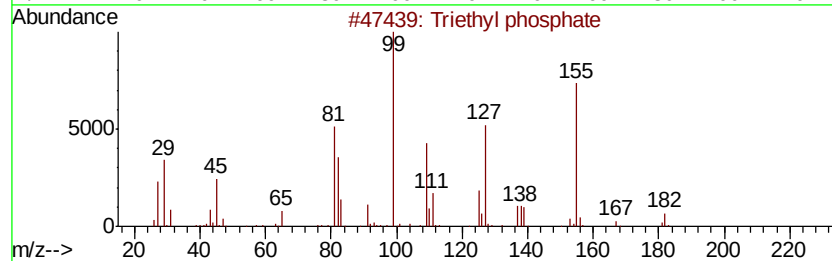
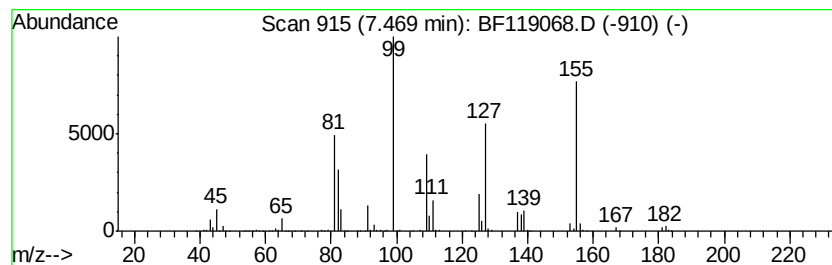
Instrument :
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ClientSampleId :
0177-COMP-SL-A-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Triethyl phosphate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	96.25 ng	6365960	Napthalene-d8	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Triethyl phosphate	182 C6H15O4P	000078-40-0 95
2		Phosphoric acid, diethyl octyl e...	266 C12H27O4P	1000308-90-4 53
3		Butyl diethyl phosphate	210 C8H19O4P	1000298-58-0 50
4		Phosphoric acid, diethyl undecyl...	308 C15H33O4P	1000308-88-8 42
5		Diethyl isopropylidenemalonate	200 C10H16O4	006802-75-1 36



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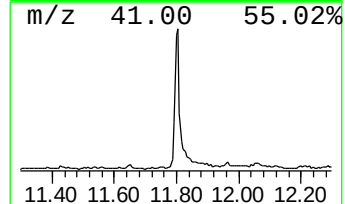
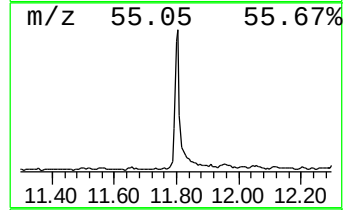
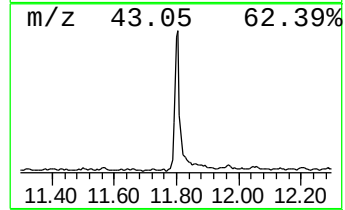
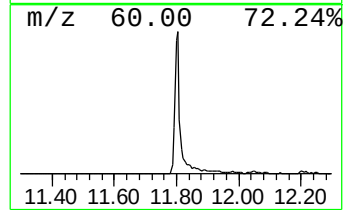
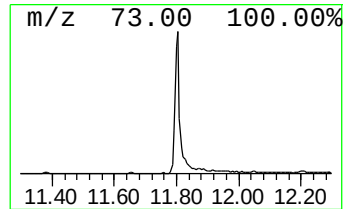
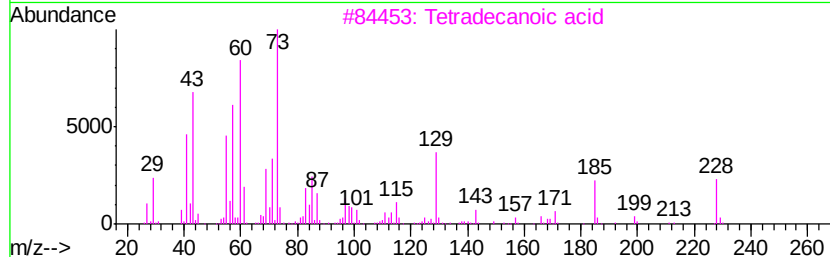
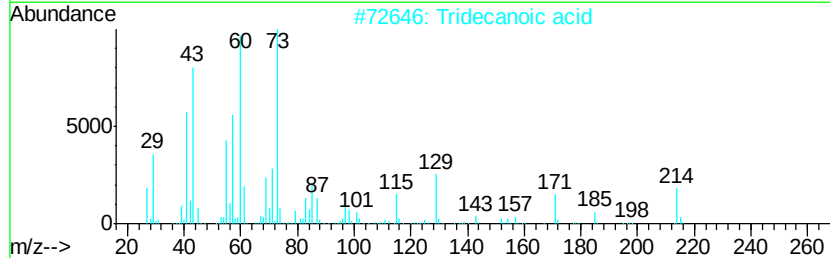
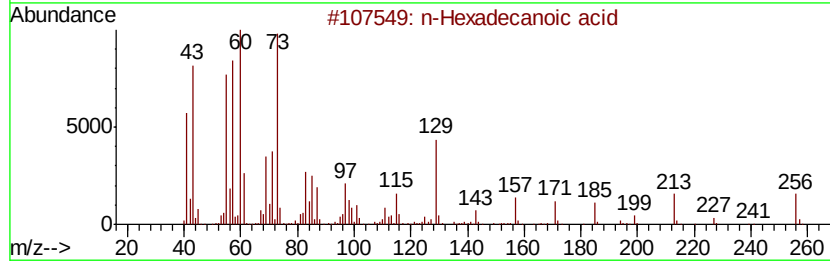
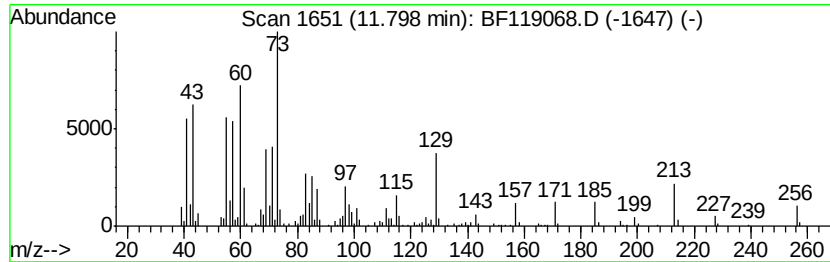
Instrument :
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.80	7.58 ng	656446	Phenanthrene-d10	11.27		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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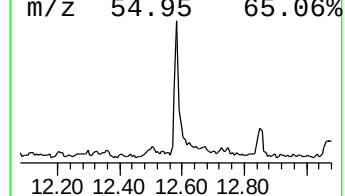
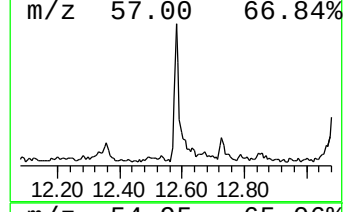
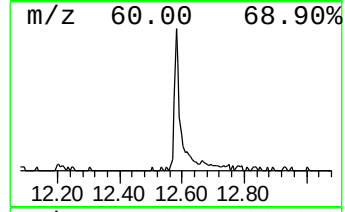
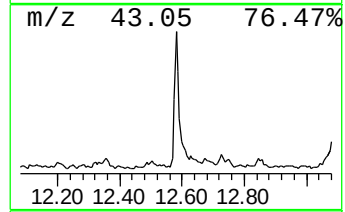
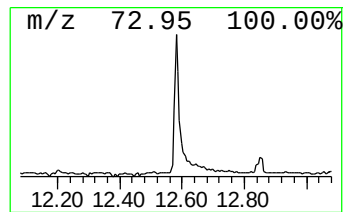
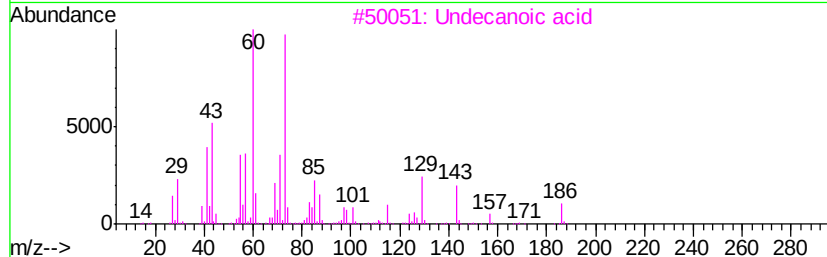
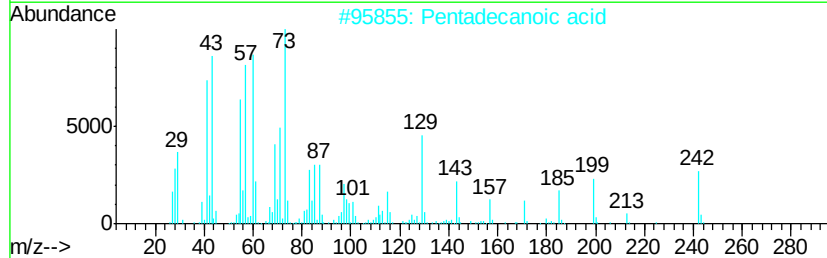
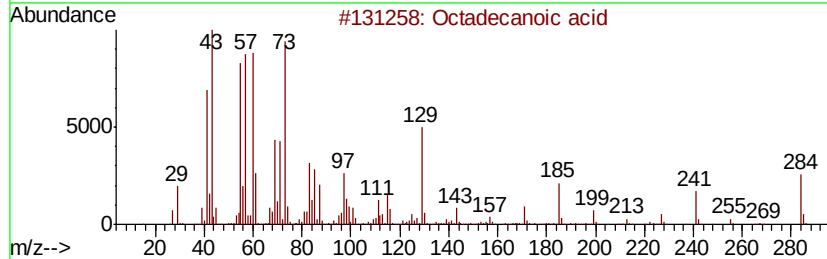
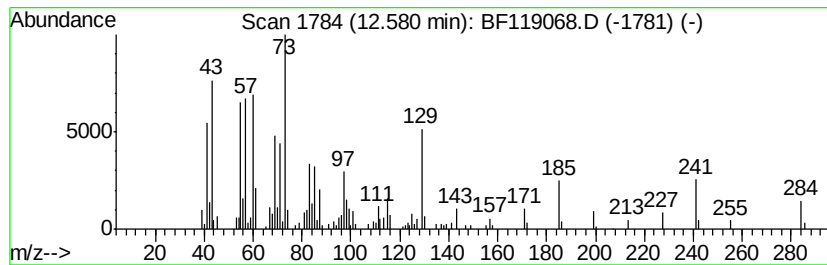
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Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.58	3.27 ng	283401	Phenanthrene-d10		11.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	Undecanoic acid	186	C11H22O2	000112-37-8	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62



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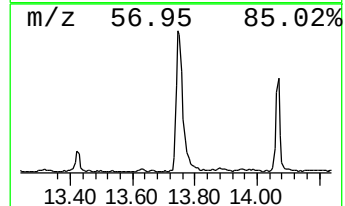
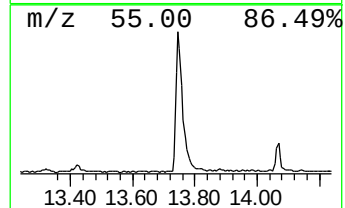
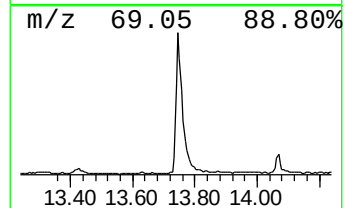
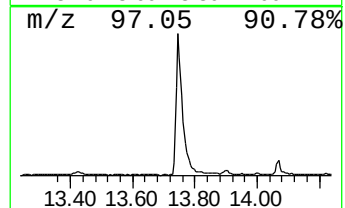
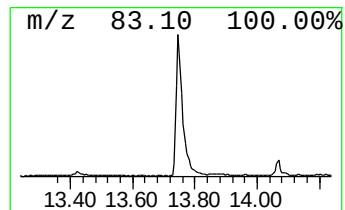
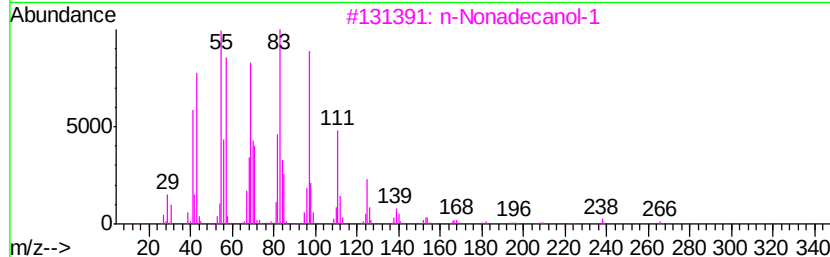
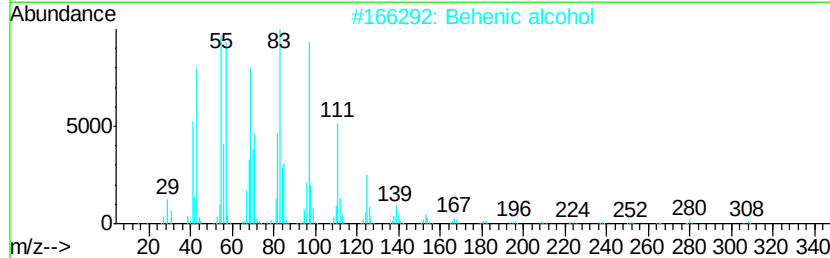
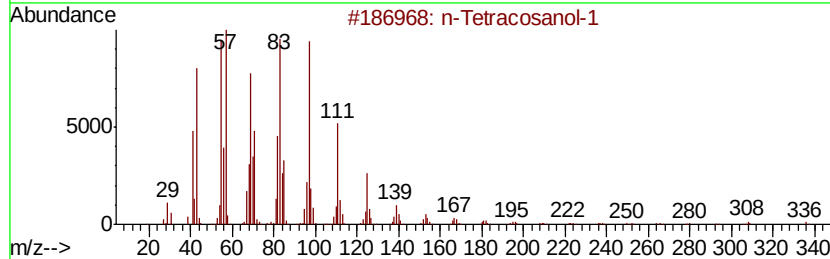
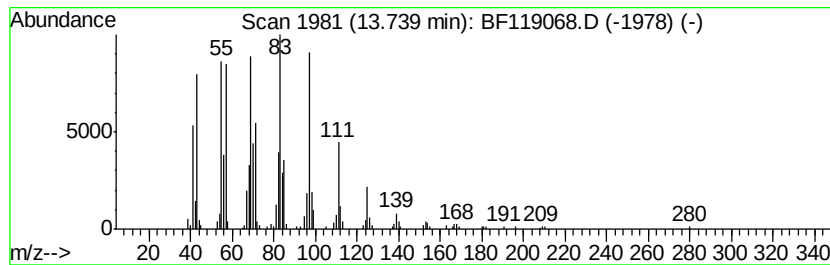
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Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.74	11.55 ng	907762	Chrysene-d12	13.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93



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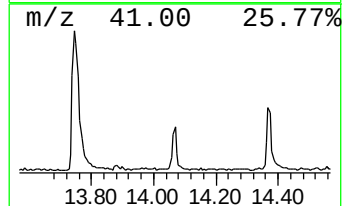
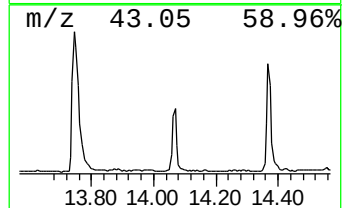
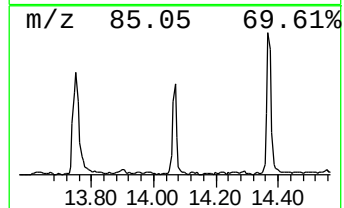
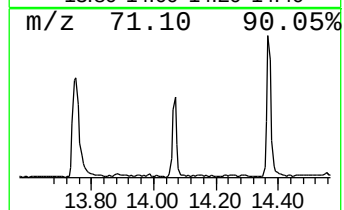
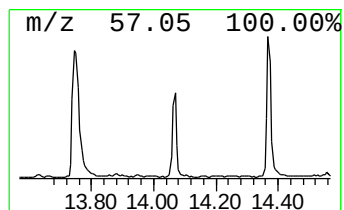
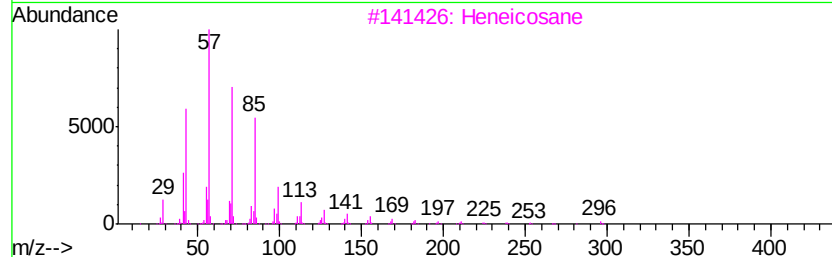
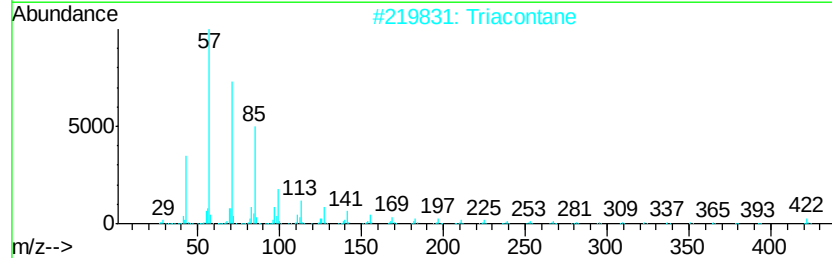
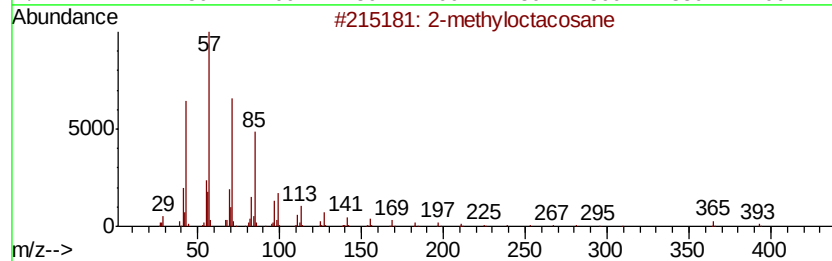
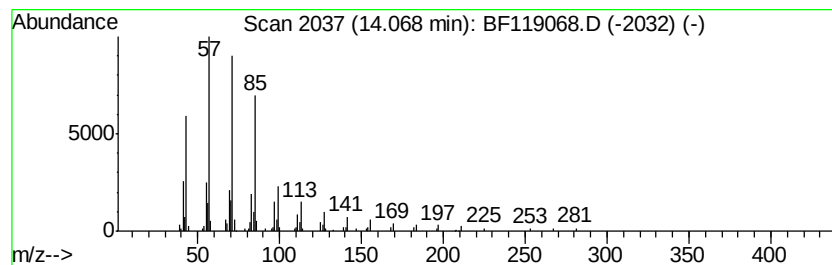
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.53 ng	198894	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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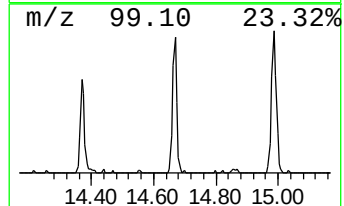
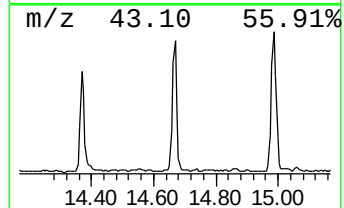
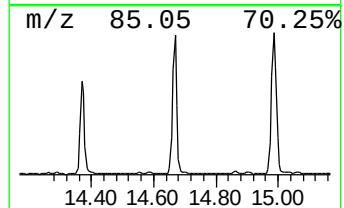
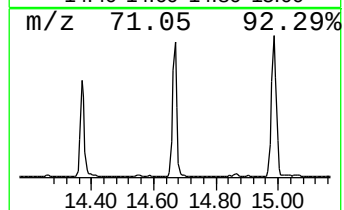
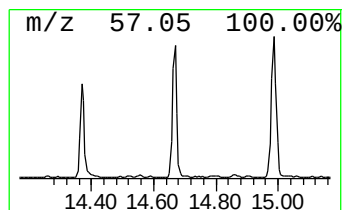
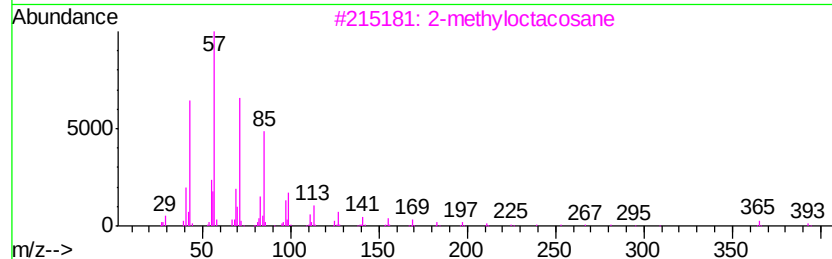
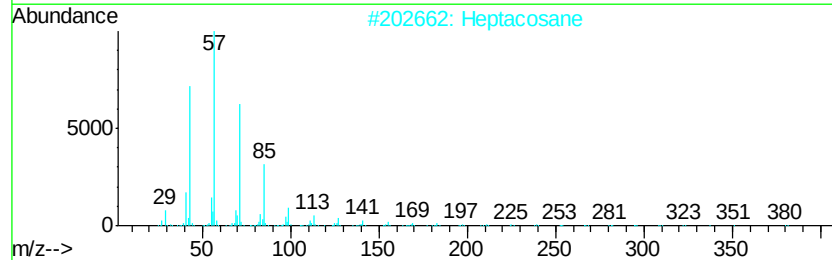
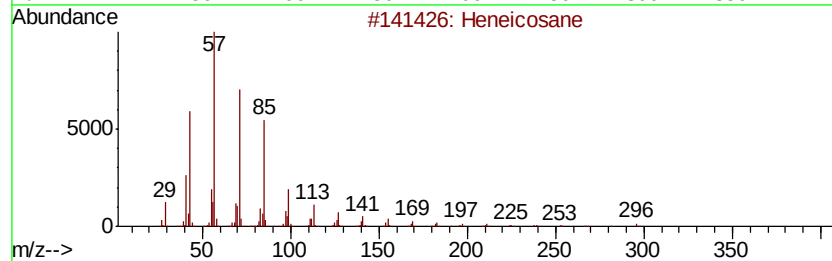
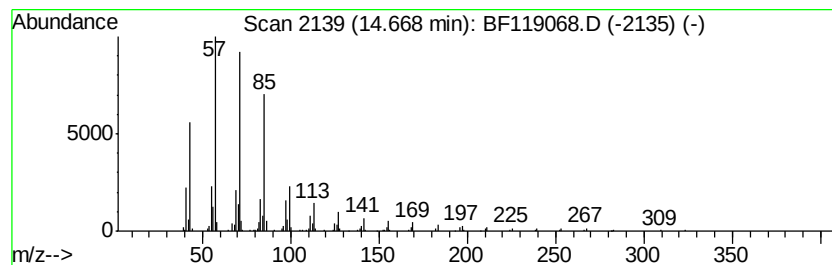
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ClientSampleId :
0177-COMP-SL-A-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.67	4.53 ng	416727	Perylene-d12	15.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119068.D
Acq On : 25 Feb 2020 16:50
Operator : CG/JU
Sample : L1602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

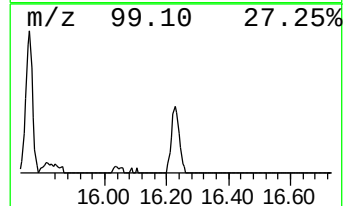
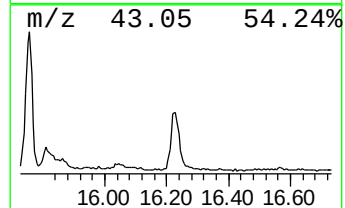
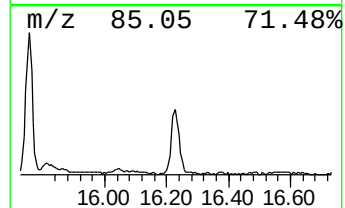
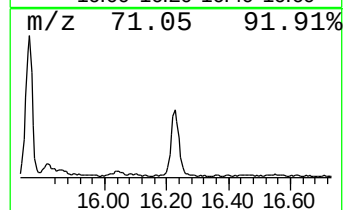
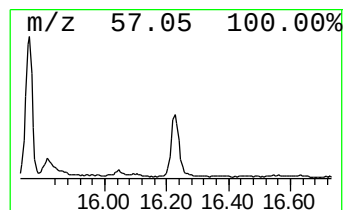
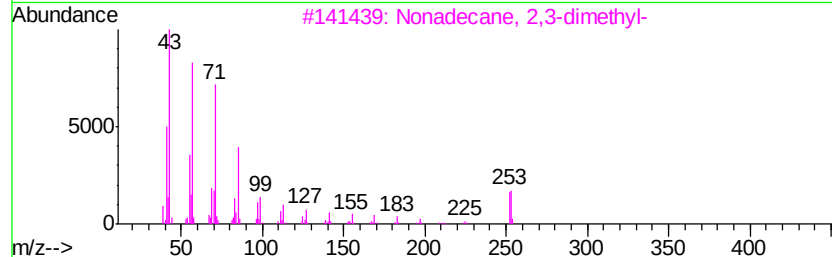
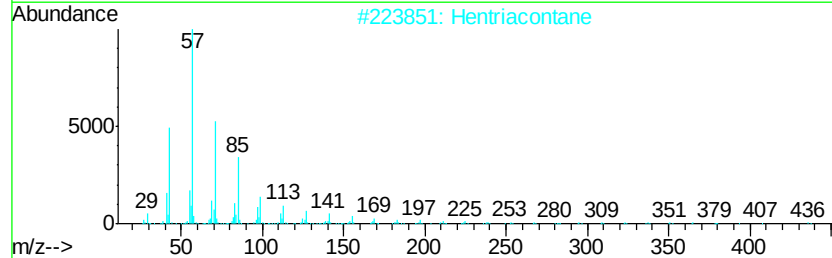
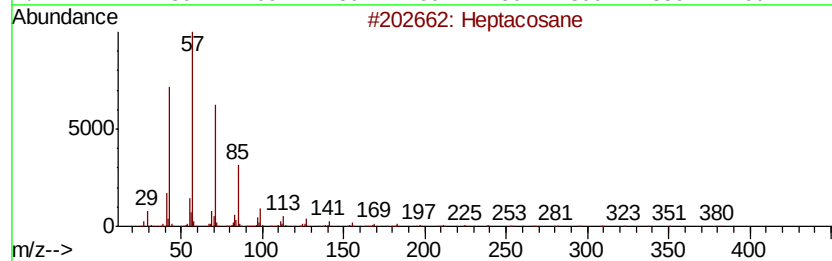
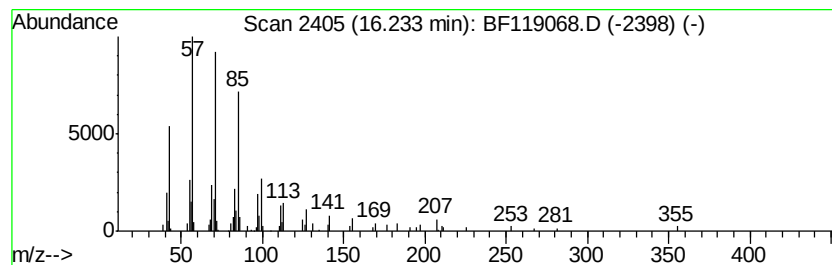
Instrument :
BNA_F
ClientSampleId :
0177-COMP-SL-A-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.62 ng	240910	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	91
2	Hentriacontane	437 C31H64	000630-04-6	90
3	Nonadecane, 2,3-dimethyl-	296 C21H44	075163-99-4	90
4	Hexacosane	366 C26H54	000630-01-3	87
5	2-methyloctacosane	408 C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022520\
Data File : BF119068.D
Acq On : 25 Feb 2020 16:50
Operator : CG/JU
Sample : L1602-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0177-COMP-SL-A-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
Triethyl phosphate	7.47	96.3	ng	6365960	2	8.03	1322840	20.0
n-Hexadecanoic acid	11.80	7.6	ng	656446	4	11.27	1733000	20.0
Octadecanoic acid	12.58	3.3	ng	283401	4	11.27	1733000	20.0
n-Tetracosanol-1	13.74	11.6	ng	907762	5	13.90	1572520	20.0
2-methyloctacosane	14.07	2.5	ng	198894	5	13.90	1572520	20.0
Heneicosane	14.67	4.5	ng	416727	6	15.33	1840400	20.0
Heptacosane	16.23	2.6	ng	240910	6	15.33	1840400	20.0