LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007482.D
Acq On : 19 Oct 2021 03:40
Operator : CG/JU
Sample : M4196-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGD7

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_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

Signal : TIC: BP007482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	3	6	20	rVB	1838073	2377294	51.55%	4.017%
2	3.381	46	50	56	rVB	49651	65937	1.43%	0.111%
3	3.652	93	96	103	rBV2	16096	24406	0.53%	0.041%
4	3.793	117	120	140	rBV	612932	935132	20.28%	1.580%
5	4.040	159	162	167	rVB2	11465	16489	0.36%	0.028%
6	4.134	174	178	183	rVB	15706	23727	0.51%	0.040%
7	4.228	192	194	200	rVB7	5560	7664	0.17%	0.013%
8	5.052	331	334	340	rVB	7555	10453	0.23%	0.018%
9	5.117	343	345	351	rBV6	3828	4965	0.11%	0.008%
10	5.646	433	435	442	rVB7	4198	5640	0.12%	0.010%
11	6.034	495	501	506	rBV	12152	19729	0.43%	0.033%
12	6.334	547	552	556	rVB7	4094	7009	0.15%	0.012%
13	7.111	677	684	694	rBV	768427	1234991	26.78%	2.087%
14	7.281	706	713	722	rVB	612350	945615	20.50%	1.598%
15	7.481	740	747	756	rBV	748580	1222995	26.52%	2.067%
16	7.564	757	761	763	rBV5	4447	6205	0.13%	0.010%
17	7.958	821	828	836	rBV	756644	1224733	26.56%	2.069%
18	8.028	836	840	846	rVV	10005	17005	0.37%	0.029%
19	8.658	940	947	956	rBV	967187	1542907	33.45%	2.607%
20	9.110	1016	1024	1036	rBV	707041	1145373	24.83%	1.935%
21	9.534	1094	1096	1100	rBV5	2992	4657	0.10%	0.008%
22	9.581	1100	1104	1113	rVB3	11569	19252	0.42%	0.033%
23	9.834	1138	1147	1156	rBV	507473	863142	18.72%	1.458%
24	10.375	1230	1239	1248	rBV	927867	1554956	33.72%	2.627%
25	10.540	1261	1267	1282	rBV	213278	345430	7.49%	0.584%
26	10.763	1296	1305	1312	rVB	1006272	1748233	37.91%	2.954%
27	10.887	1319	1326	1340	rBV	912357	1570760	34.06%	2.654%
28	11.563	1430	1441	1445	rBV	3492	8089	0.18%	0.014%
29	12.251	1553	1558	1560	rBV6	3388	4830	0.10%	0.008%
30	12.346	1567	1574	1581	rVB2	18853	33805	0.73%	0.057%
31	12.963	1674	1679	1682	rBV6	3665	4886	0.11%	0.008%
32	13.210	1715	1721	1727	rVB10	5138	9456	0.21%	0.016%
33	13.440	1754	1760	1764	rBV5	11023	17224	0.37%	0.029%
34	13.498	1764	1770	1775	rVV4	17340	28167	0.61%	0.048%
35	13.569	1777	1782	1786	rVB7	6236	9866	0.21%	0.017%
36	13.998	1846	1855	1868	rBV	1573627	2291814	49.69%	3.873%

LSC Area Percent Report

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Sample : M4196-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGD7

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_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

37	14.281	1893	1903	1912	rBV	1883448	2813667	61.01%	4.754%
38	14.510	1938	1942	1946	rBV5	5232	8946	0.19%	0.015%
39	14.593	1949	1956	1963	rVV	1599903	2401942	52.08%	4.059%
40	14.769	1976	1986	2004	rBV	725608	1096207	23.77%	1.852%
41	15.004	2021	2026	2032	rVB5	19400	28524	0.62%	0.048%
42	15.404	2091	2094	2099	rVV4	4792	7643	0.17%	0.013%
43	15.463	2101	2104	2108	rVB6	4132	5507	0.12%	0.009%
44	15.587	2117	2125	2137	rBV	2372125	3492256	75.72%	5.901%
45	15.692	2137	2143	2151	rBV	465899	657337	14.25%	1.111%
46	15.828	2160	2166	2170	rBV2	29414	43205	0.94%	0.073%
47	15.957	2183	2188	2191	rBV7	3700	4925	0.11%	0.008%
48	16.028	2195	2200	2204	rBV7	7252	12570	0.27%	0.021%
49	16.151	2217	2221	2227	rBV9	6427	10367	0.22%	0.018%
50	16.322	2248	2250	2255	rBV6	4281	5376	0.12%	0.009%
51	16.369	2255	2258	2264	rVB8	6702	11964	0.26%	0.020%
52	16.492	2275	2279	2284	rBV8	4125	7736	0.17%	0.013%
53	16.592	2293	2296	2301	rBV6	4894	7063	0.15%	0.012%
54	16.698	2311	2314	2317	rBV4	4407	4660	0.10%	0.008%
55	16.751	2317	2323	2328	rVV7	10199	16723	0.36%	0.028%
56	16.951	2352	2357	2360	rBV5	5604	8953	0.19%	0.015%
57	17.128	2383	2387	2390	rBV3	11941	16434	0.36%	0.028%
58	17.157	2390	2392	2400	rVB9	7752	12710	0.28%	0.021%
59	17.281	2409	2413	2416	rBV6	3317	4956	0.11%	0.008%
60	17.345	2416	2424	2431	rBV	2066585	2968014	64.35%	5.015%
61	17.445	2434	2441	2449	rBV	2566841	3794112	82.27%	6.411%
62	17.534	2451	2456	2461	rBV6	27564	42124	0.91%	0.071%
63	18.028	2536	2540	2544	rVB	58076	66807	1.45%	0.113%
64	18.092	2548	2551	2552	rBV2	5041	4997	0.11%	0.008%
65	18.239	2571	2576	2584	rBV	314467	442255	9.59%	0.747%
66	18.534	2623	2626	2634	rVB10	13691	22689	0.49%	0.038%
67	19.157	2728	2732	2741	rVB2	110231	136963	2.97%	0.231%
68	19.251	2744	2748	2751	rBV2	40519	54446	1.18%	0.092%
69	19.286	2751	2754	2756	rBV3	17601	17799	0.39%	0.030%
70	19.322	2756	2760	2763	rVV2	60646	82710	1.79%	0.140%
71	19.351	2763	2765	2772	rVB	46057	61653	1.34%	0.104%
72	19.469	2781	2785	2796	rBV2	233569	331456	7.19%	0.560%
73	19.622	2807	2811	2814	rBV	81110	98279	2.13%	0.166%
74	19.675	2814	2820	2825	rVV	3367779	4611954	100.00%	7.793%
75	19.716	2825	2827	2835	rVB	126256	161739	3.51%	0.273%
76	20.386	2938	2941	2945	rBV4	30264	33291	0.72%	0.056%

LSC Area Percent Report

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Sample : M4196-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGD7

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

77	20.580	2967	2974	2983	rBV	1231119	1697997	36.82%	2.869%
78	20.869	3019	3023	3028	rVB2	144549	166340	3.61%	0.281%
79	21.104	3059	3063	3067	rBV	156217	247395	5.36%	0.418%
80	21.151	3067	3071	3078	rVB2	444343	719218	15.59%	1.215%
81	21.239	3082	3086	3090	rBV2	229909	274768	5.96%	0.464%
82	21.351	3102	3105	3107	rBV	87907	99234	2.15%	0.168%
83	21.380	3107	3110	3113	rVV	118871	139953	3.03%	0.236%
84	21.427	3113	3118	3125	rVB	2681699	3500770	75.91%	5.915%
85	21.598	3144	3147	3156	rVB2	179994	249721	5.41%	0.422%
86	21.751	3170	3173	3176	rBV3	86906	102739	2.23%	0.174%
87	22.574	3308	3313	3326	rBV2	404193	814563	17.66%	1.376%
88	23.721	3501	3508	3517	rVB2	2218464	4548662	98.63%	7.686%
89	23.880	3528	3535	3547	rVB2	1698719	3656016	79.27%	6.178%

Sum of corrected areas: 59181171

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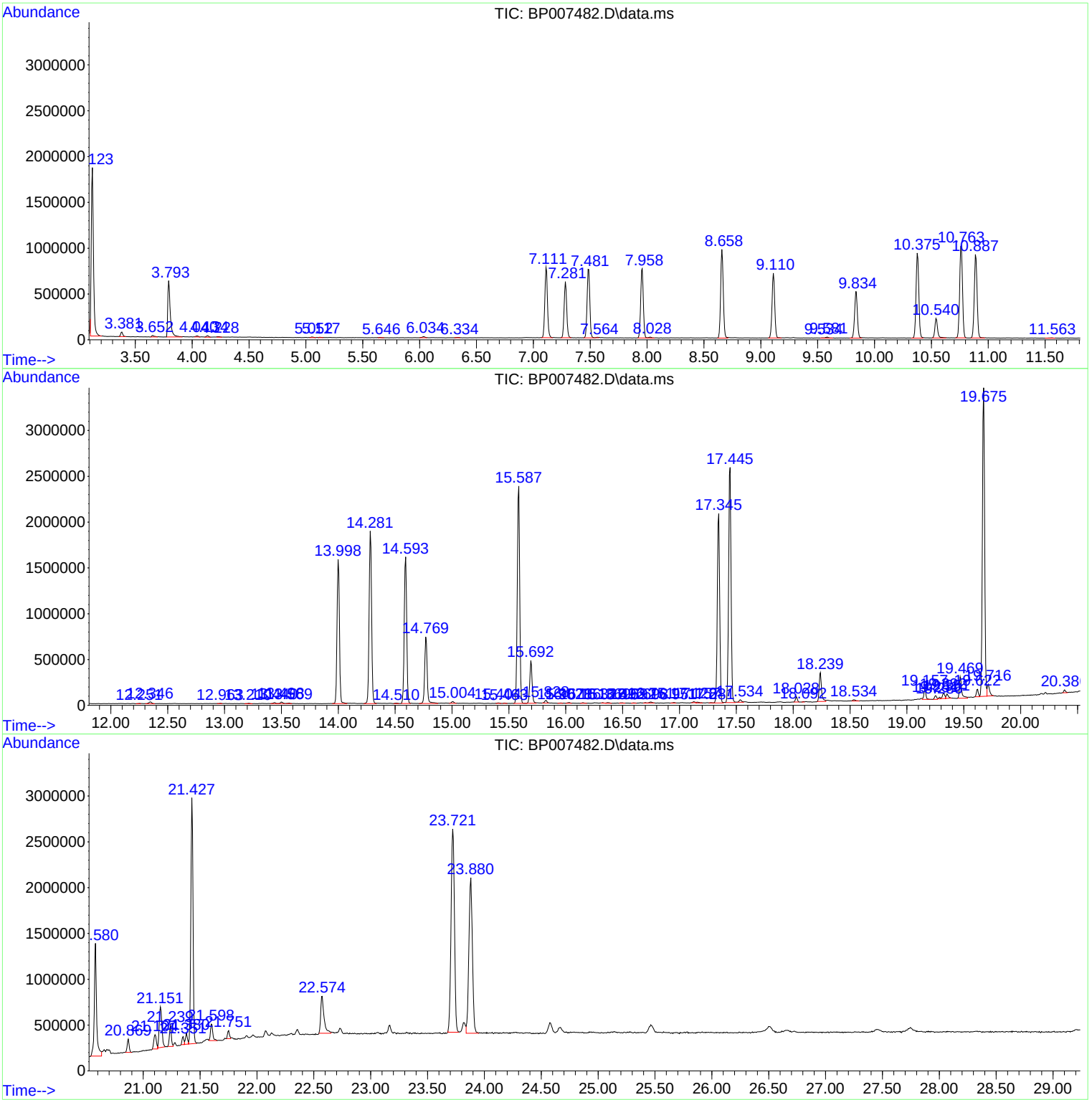
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JDGD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007482.D
Acq On : 19 Oct 2021 03:40
Operator : CG/JU
Sample : M4196-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JDGD7

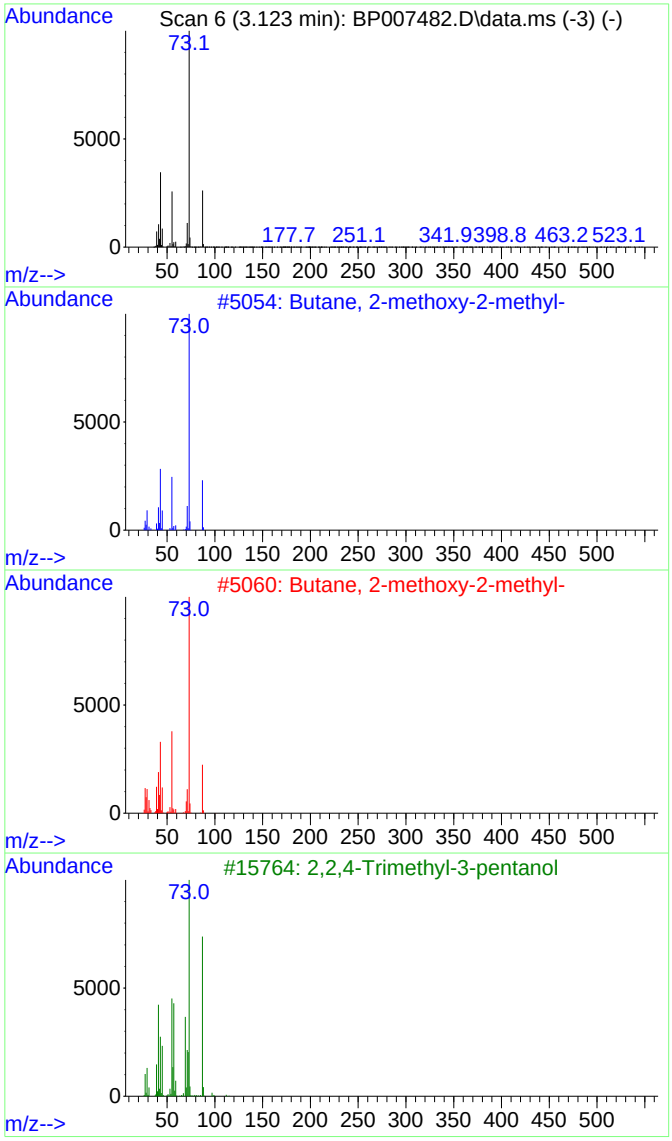
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

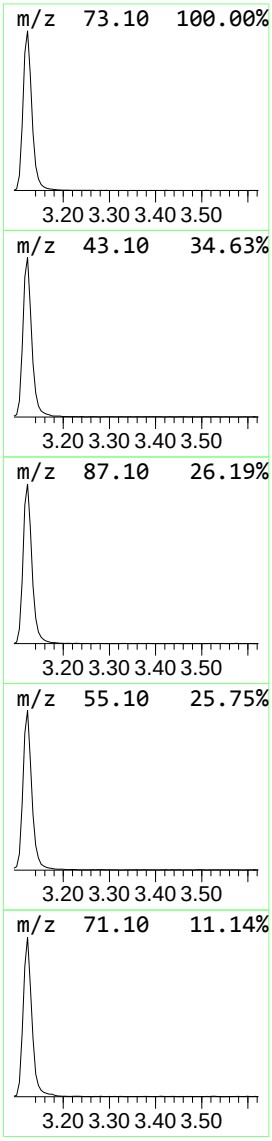
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.123	38.82 ng/ul	2377290	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Data File : BP007482.D
Acq On : 19 Oct 2021 03:40
Operator : CG/JU
Sample : M4196-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGD7

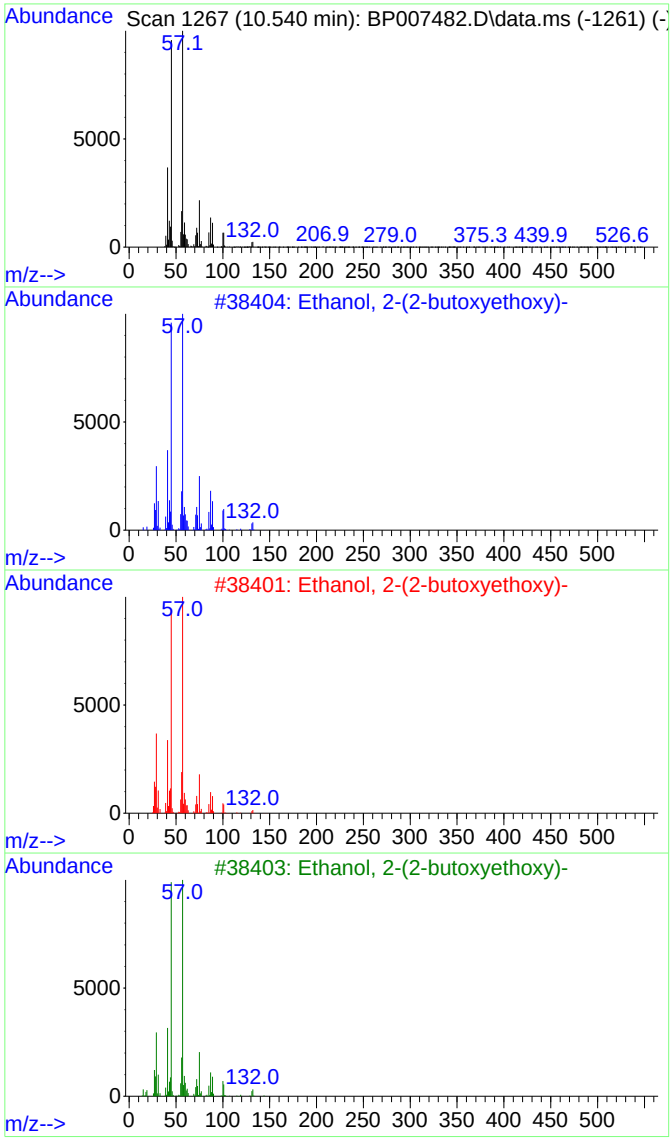
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

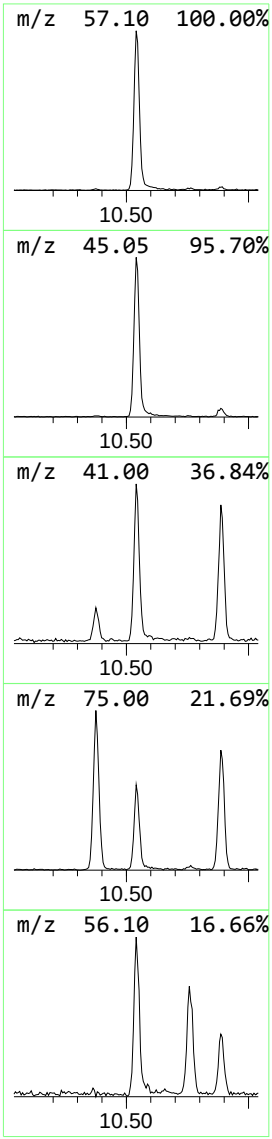
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.540	3.95 ng/ul	345430	Naphthalene-d8	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72





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Sample : M4196-20
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
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JDGD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

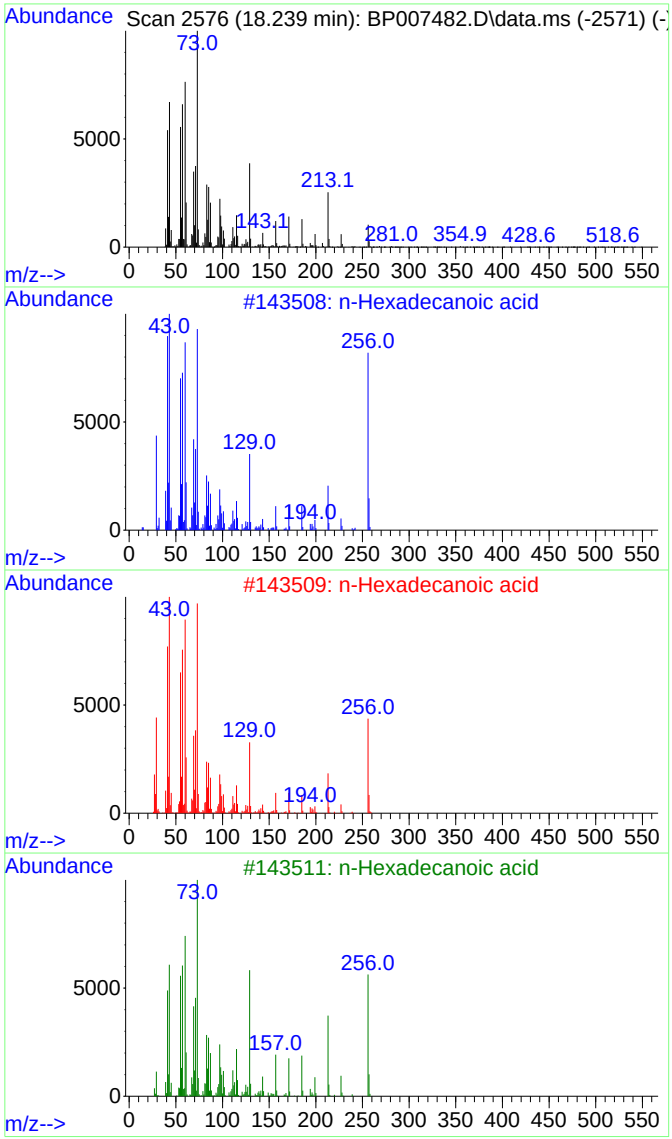
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

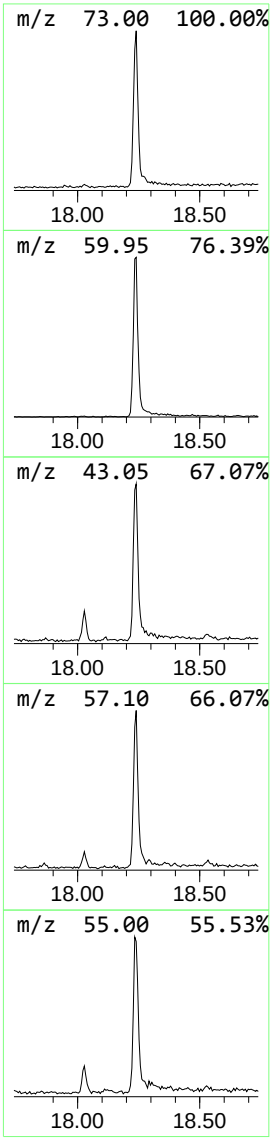
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	2.98 ng/ul	442255	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

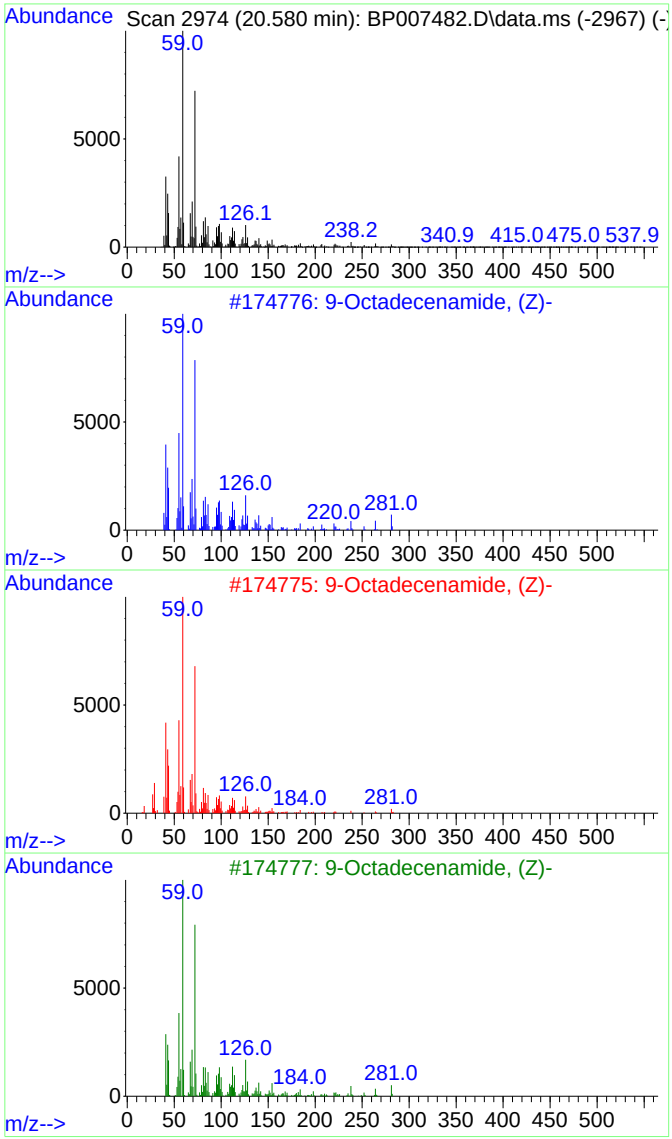
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

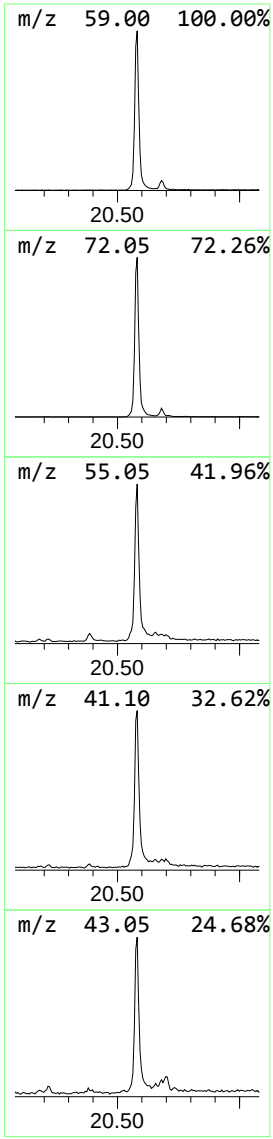
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.581	9.70 ng/ul	1698000	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
5	Palmitoleamide	253	C16H31NO	106010-22-4	64





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Sample : M4196-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

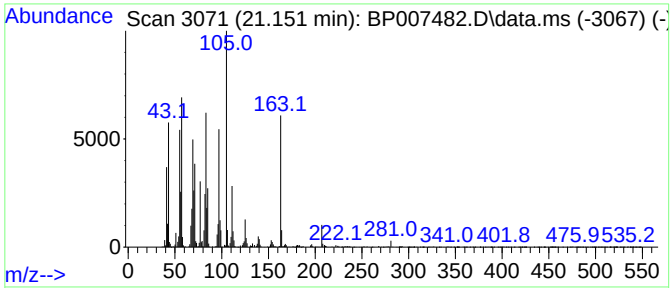
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

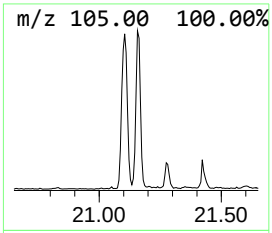
****

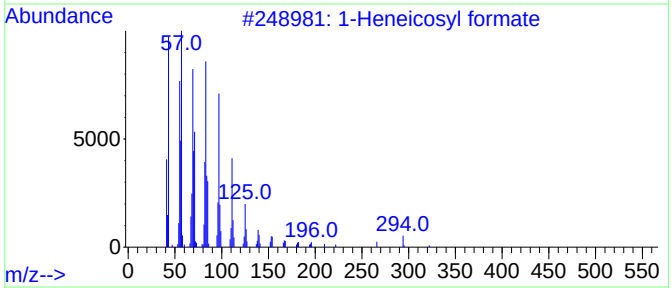
Peak Number 5 1-Heneicosyl formate Concentration Rank 4

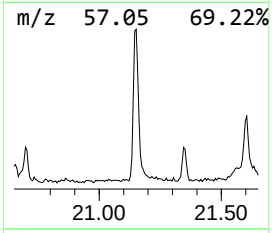
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.151	4.11 ng/ul	719218	Chrysene-d12	21.427

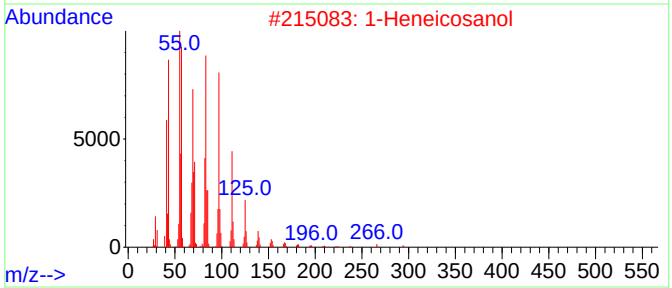
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	86
4	Nonacos-1-ene	406	C29H58	018835-35-3	86
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	86

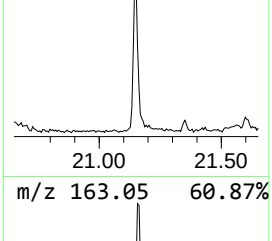


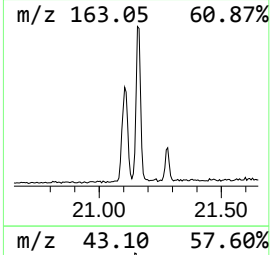


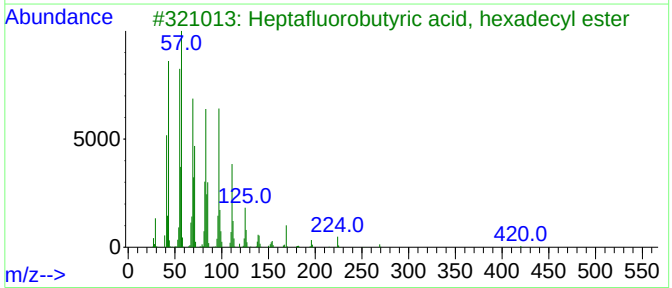


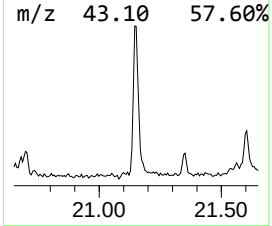












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007482.D
Acq On : 19 Oct 2021 03:40
Operator : CG/JU
Sample : M4196-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JDGD7

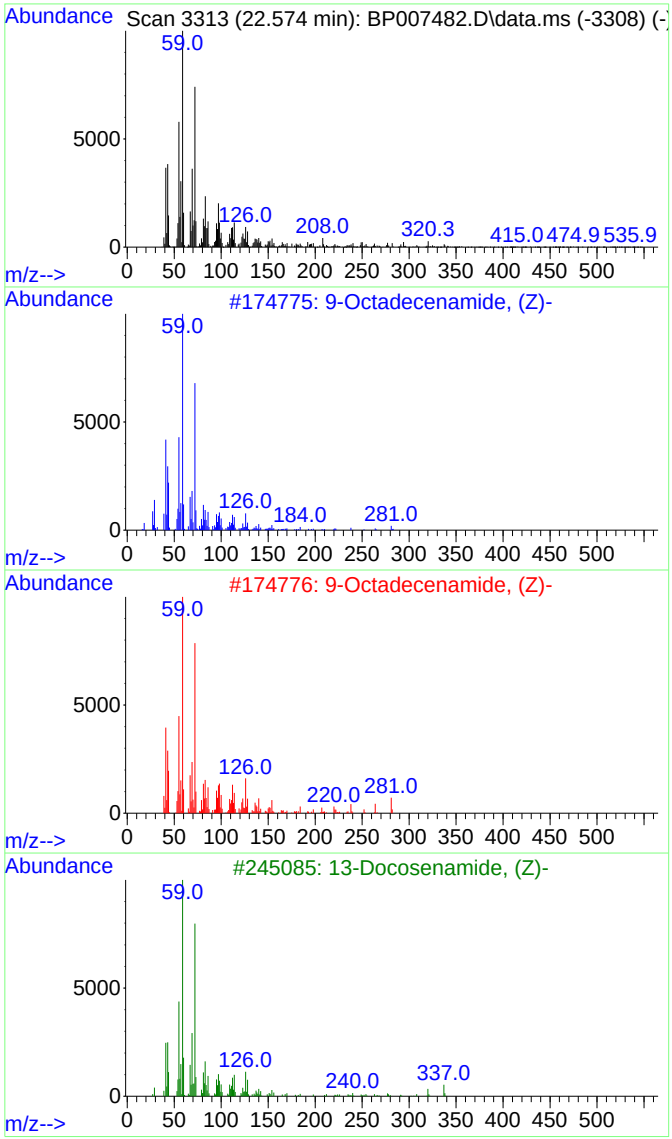
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

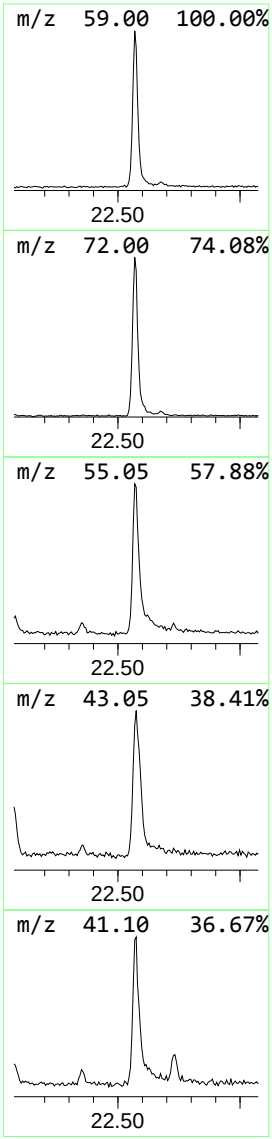
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.575	4.65 ng/ul	814563	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
4	Palmitoleamide	253	C16H31NO	106010-22-4	74
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007482.D
Acq On : 19 Oct 2021 03:40
Operator : CG/JU
Sample : M4196-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JDGD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA 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...	3.123	38.8	ng/ul	2377290	1	7.958	1224730	20.0
Ethanol, 2-(2-b...	10.540	4.0	ng/ul	345430	2	10.763	1748230	20.0
n-Hexadecanoic ...	18.239	3.0	ng/ul	442255	4	17.345	2968010	20.0
9-Octadecenamid...	20.581	9.7	ng/ul	1698000	5	21.427	3500770	20.0
1-Heneicosyl fo...	21.151	4.1	ng/ul	719218	5	21.427	3500770	20.0
13-Docosenamide...	22.575	4.7	ng/ul	814563	5	21.427	3500770	20.0