LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

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-BP093022.M
Title : SVOA CALIBRATION

Signal : TIC: BP011975.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	28	rVB	5354154	6743699	94.25%	9.612%
2	3.299	49	53	58	rBV	62182	73047	1.02%	0.104%
3	3.734	124	127	138	rBV	171739	319700	4.47%	0.456%
4	3.952	159	164	168	rVB	34378	51095	0.71%	0.073%
5	4.046	176	180	187	rVB	26760	35064	0.49%	0.050%
6	4.969	335	337	345	rVB4	7451	7304	0.10%	0.010%
7	7.046	684	690	700	rBV	202331	363206	5.08%	0.518%
8	7.210	711	718	732	rBV	954830	1510657	21.11%	2.153%
9	7.410	745	752	762	rBV	826161	1314110	18.37%	1.873%
10	7.881	824	832	840	rBV	1203202	1953493	27.30%	2.784%
11	7.952	840	844	850	rVB4	12083	21326	0.30%	0.030%
12	8.593	947	953	965	rBV	626172	1065931	14.90%	1.519%
13	8.710	969	973	979	rVB4	8657	17355	0.24%	0.025%
14	8.993	1016	1021	1023	rBV3	5542	9493	0.13%	0.014%
15	9.046	1023	1030	1043	rVV	975233	1647402	23.02%	2.348%
16	9.451	1094	1099	1106	rBV4	11006	20626	0.29%	0.029%
17	9.769	1146	1153	1165	rBV	756421	1261337	17.63%	1.798%
18	10.104	1207	1210	1215	rBV6	5245	9005	0.13%	0.013%
19	10.310	1237	1245	1265	rBV	975966	1835416	25.65%	2.616%
20	10.481	1270	1274	1282	rVV4	11245	25935	0.36%	0.037%
21	10.687	1302	1309	1320	rBV	1596873	2674725	37.38%	3.812%
22	10.834	1323	1334	1356	rBV	624949	1363653	19.06%	1.944%
23	11.510	1441	1449	1451	rBV8	6008	12308	0.17%	0.018%
24	12.275	1573	1579	1587	rBV	23476	45378	0.63%	0.065%
25	12.563	1623	1628	1636	rVB6	15611	30756	0.43%	0.044%
26	12.716	1650	1654	1659	rVB7	4730	7571	0.11%	0.011%
27	13.263	1741	1747	1750	rBV7	4575	9211	0.13%	0.013%
28	13.340	1754	1760	1763	rBV7	10099	18009	0.25%	0.026%
29	13.422	1768	1774	1781	rVV4	23573	45037	0.63%	0.064%
30	13.498	1783	1787	1792	rVV5	5278	9618	0.13%	0.014%
31	13.939	1855	1862	1873	rBV	1834039	2671728	37.34%	3.808%
32	14.216	1899	1909	1922	rBV	2279330	3511047	49.07%	5.005%
33	14.416	1940	1943	1950	rVB8	4602	8482	0.12%	0.012%
34	14.528	1955	1962	1977	rVV	2018645	3042663	42.52%	4.337%
35	14.745	1993	1999	2011	rBV	48231	155592	2.17%	0.222%
36	14.939	2026	2032	2038	rVB9	12558	25524	0.36%	0.036%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

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-BP093022.M
Title : SVOA CALIBRATION

37	15.375	2102	2106	2110	rVB7	6599	9149	0.13%	0.013%
38	15.522	2124	2131	2136	rBV	2924418	4303971	60.15%	6.135%
39	15.569	2136	2139	2145	rVV2	68227	117627	1.64%	0.168%
40	15.639	2145	2151	2165	rVV	679080	992032	13.86%	1.414%
41	15.763	2168	2172	2179	rVB6	12784	25124	0.35%	0.036%
42	16.098	2222	2229	2230	rBV6	5927	8700	0.12%	0.012%
43	16.310	2261	2265	2269	rBV7	4099	7419	0.10%	0.011%
44	16.598	2310	2314	2320	rVB8	7040	12286	0.17%	0.018%
45	16.681	2324	2328	2332	rBV3	28281	42321	0.59%	0.060%
46	17.069	2391	2394	2397	rBV4	7039	9291	0.13%	0.013%
47	17.280	2423	2430	2436	rBV	2248432	3178865	44.43%	4.531%
48	17.380	2441	2447	2464	rVB	3042557	4337251	60.62%	6.182%
49	18.163	2575	2580	2591	rBV	260085	415727	5.81%	0.593%
50	19.192	2751	2755	2762	rBV2	44440	66247	0.93%	0.094%
51	19.263	2763	2767	2768	rBV2	49908	63035	0.88%	0.090%
52	19.286	2768	2771	2781	rVB2	75180	149040	2.08%	0.212%
53	19.398	2785	2790	2801	rBV	393621	617635	8.63%	0.880%
54	19.616	2821	2827	2838	rBV	4098961	5434448	75.95%	7.746%
55	20.133	2912	2915	2919	rVB3	59297	61933	0.87%	0.088%
56	20.616	2994	2997	3001	rBV	104942	118724	1.66%	0.169%
57	21.069	3071	3074	3080	rBV	255840	360469	5.04%	0.514%
58	21.369	3120	3125	3131	rBV	3154995	4008465	56.02%	5.714%
59	21.510	3146	3149	3154	rVB	207135	223139	3.12%	0.318%
60	21.974	3225	3228	3239	rVB2	259702	497953	6.96%	0.710%
61	22.474	3311	3313	3320	rVB2	333790	440839	6.16%	0.628%
62	23.039	3406	3409	3418	rVB3	321169	475372	6.64%	0.678%
63	23.639	3504	3511	3528	rVB	3156932	7155272	100.00%	10.199%
64	23.798	3531	3538	3548	rVB2	2224061	4354133	60.85%	6.206%
65	24.410	3639	3642	3651	rVB	390329	754595	10.55%	1.076%

Sum of corrected areas: 70157565

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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Acq On : 06 Oct 2022 18:00
Operator : CG/JU
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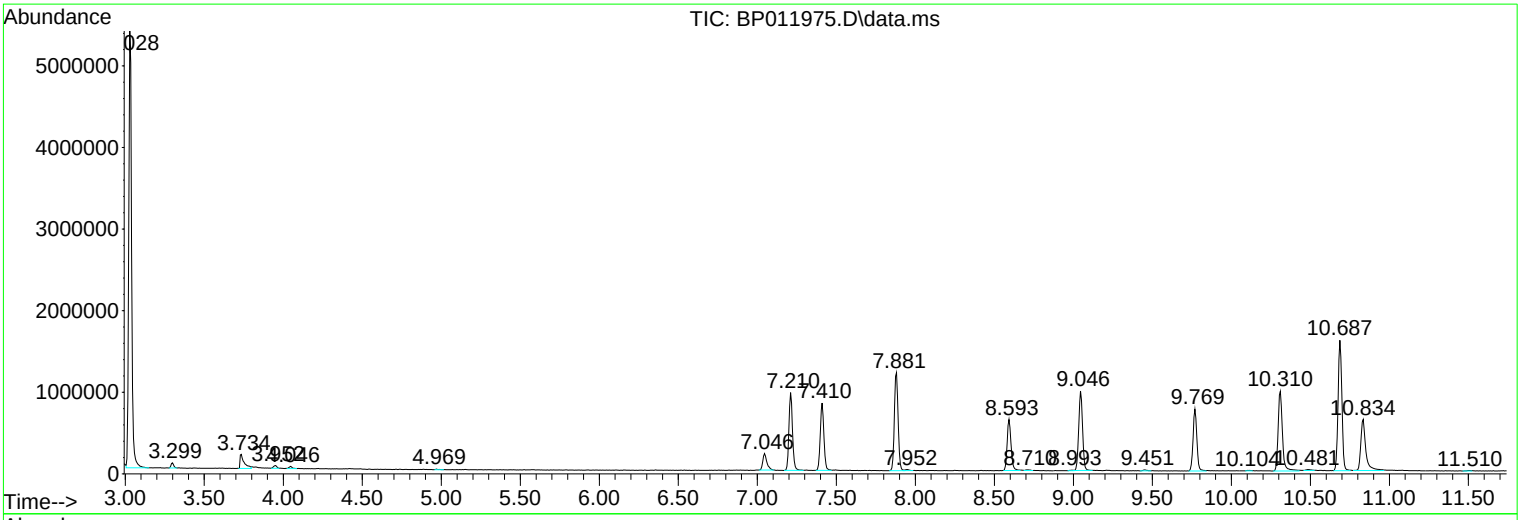
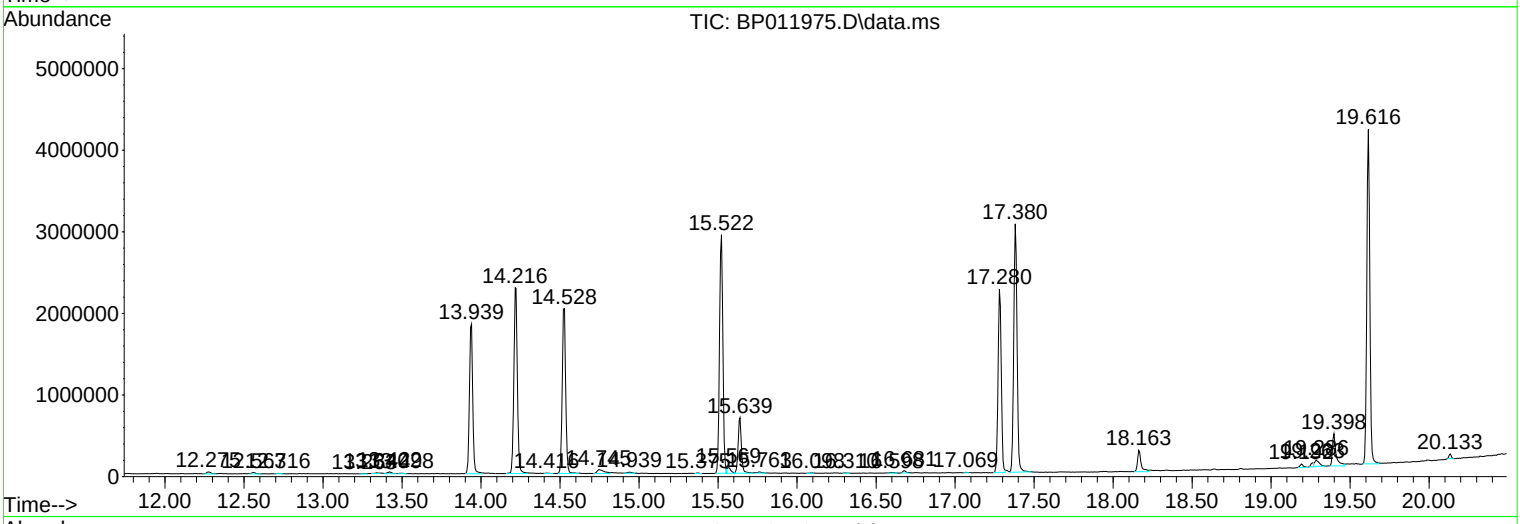
Misc :
ALS Vial : 63 Sample Multiplier: 1

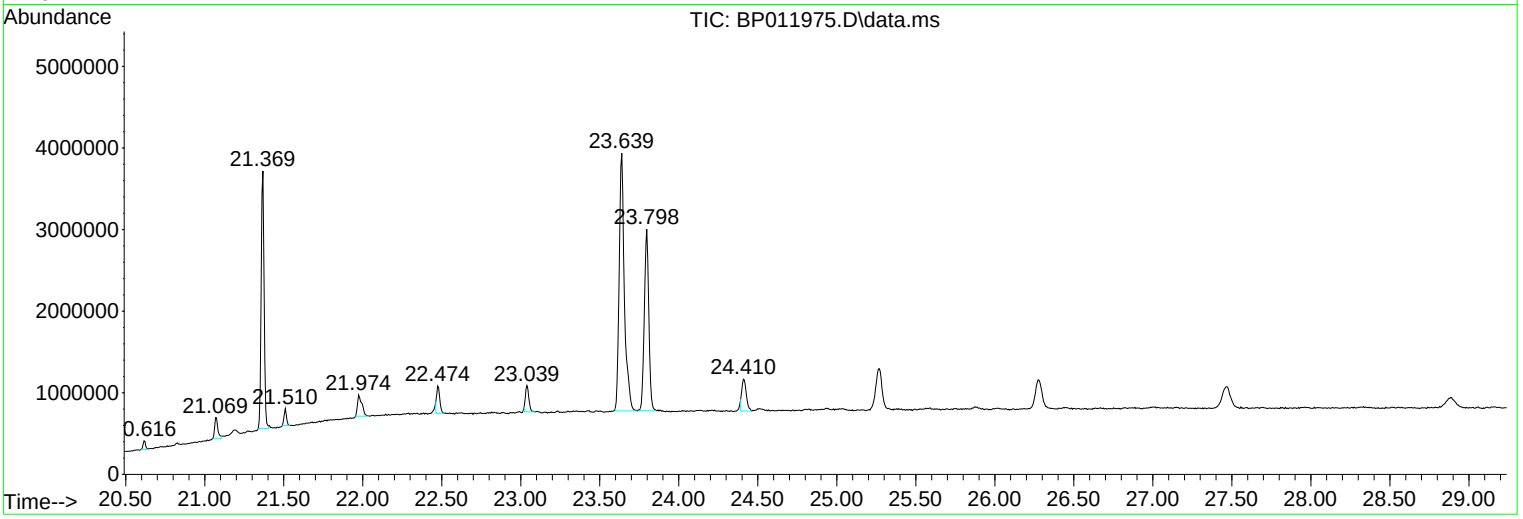
Instrument :
BNA_P
ClientSampleId :
E10016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

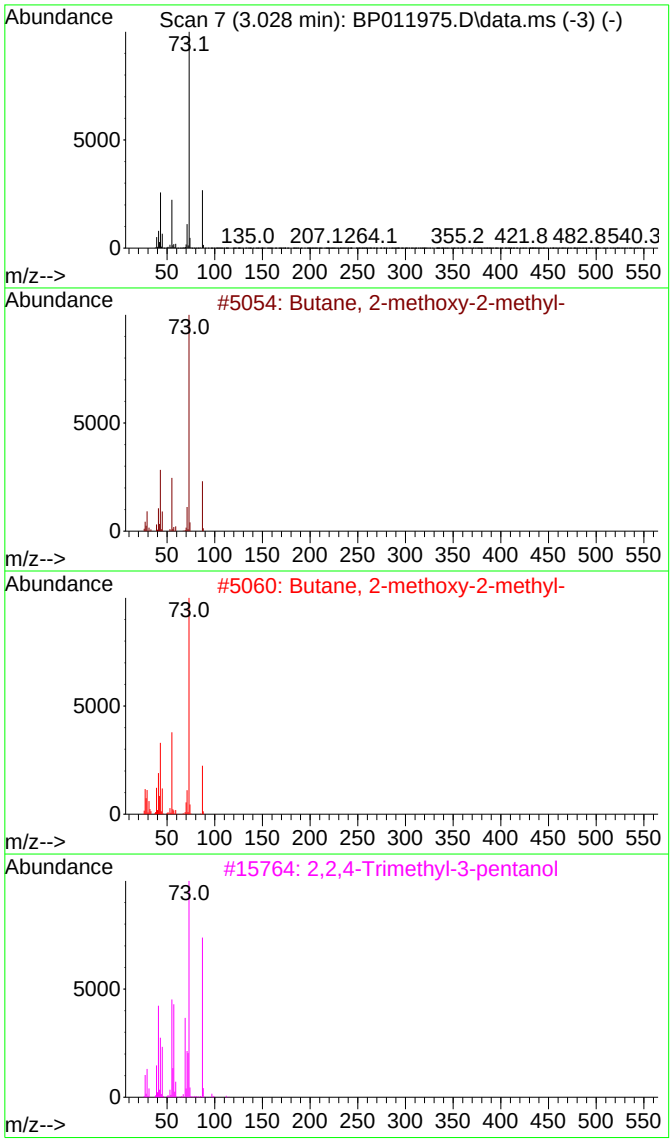
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

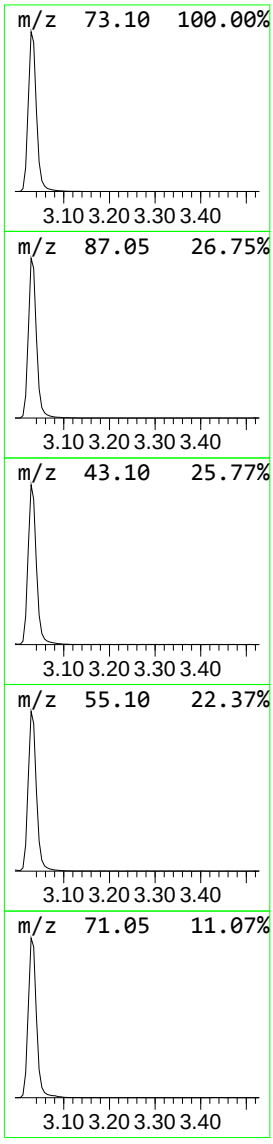
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	69.04 ng/ul	6743700	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

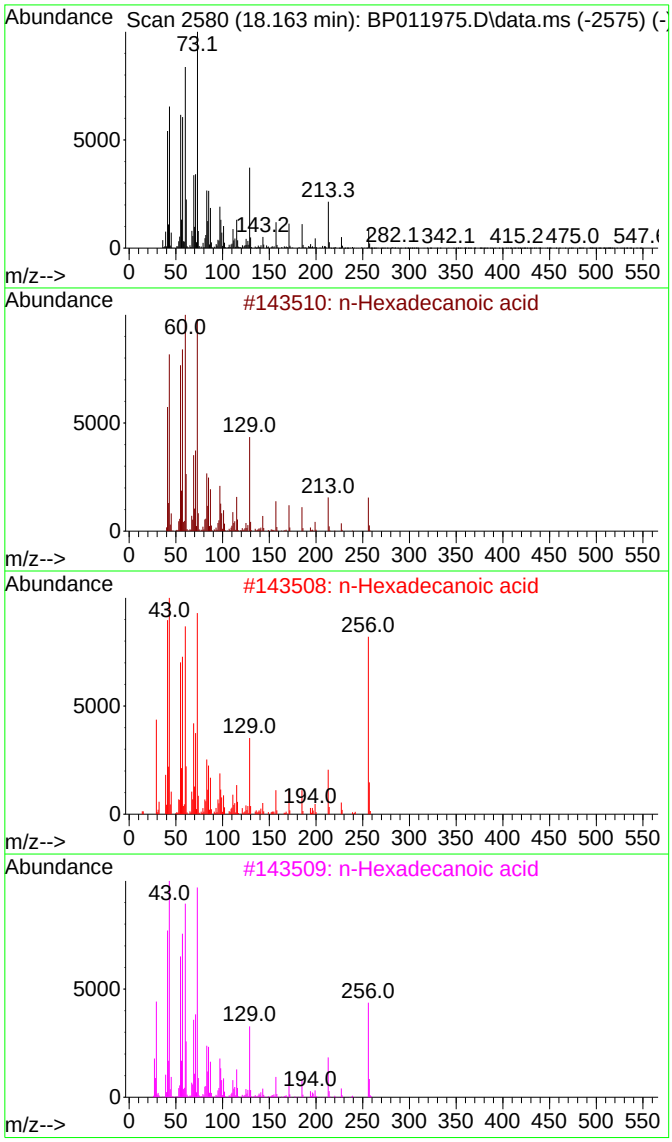
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

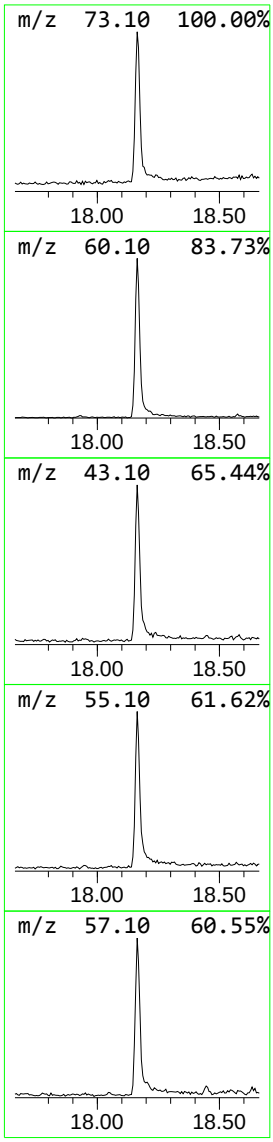
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.62 ng/ul	415727	Phenanthrene-d10	17.281

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

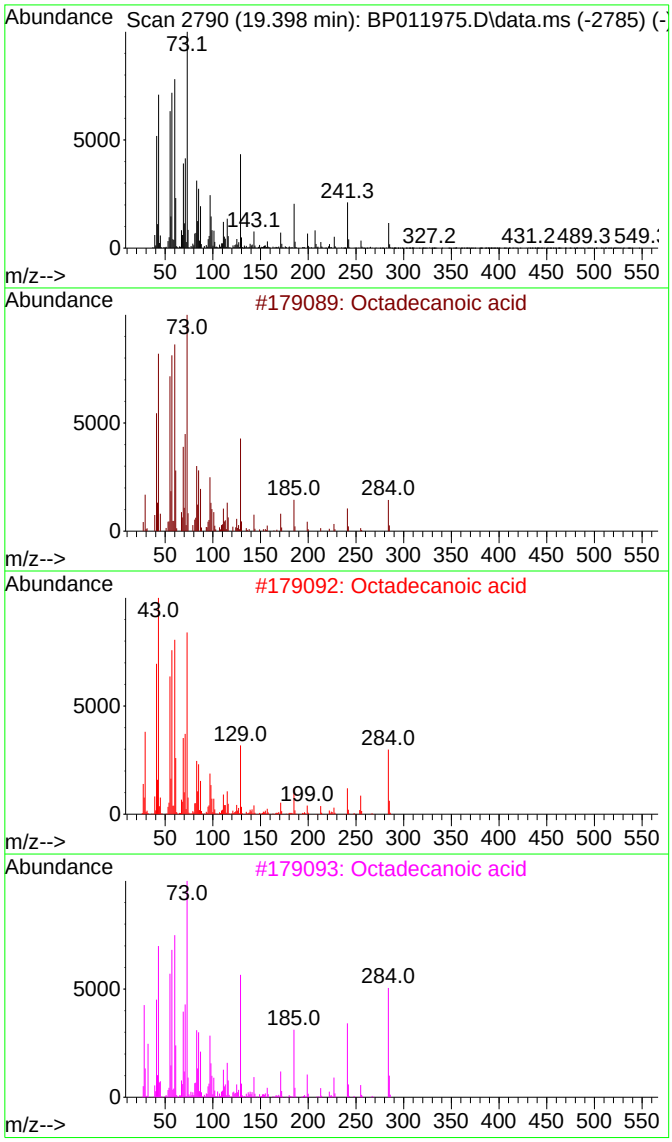
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

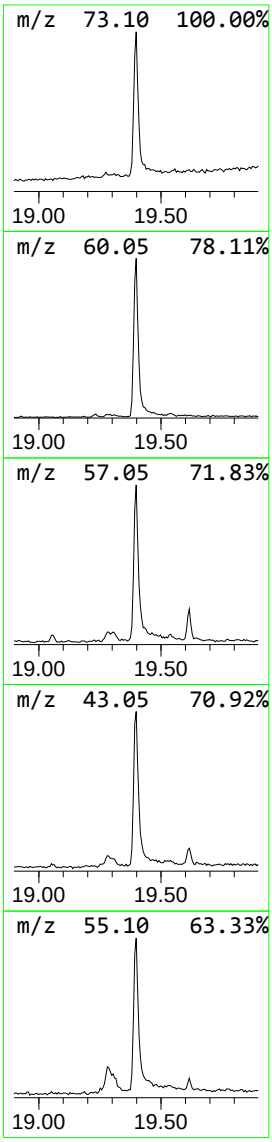
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	3.08 ng/ul	617635	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

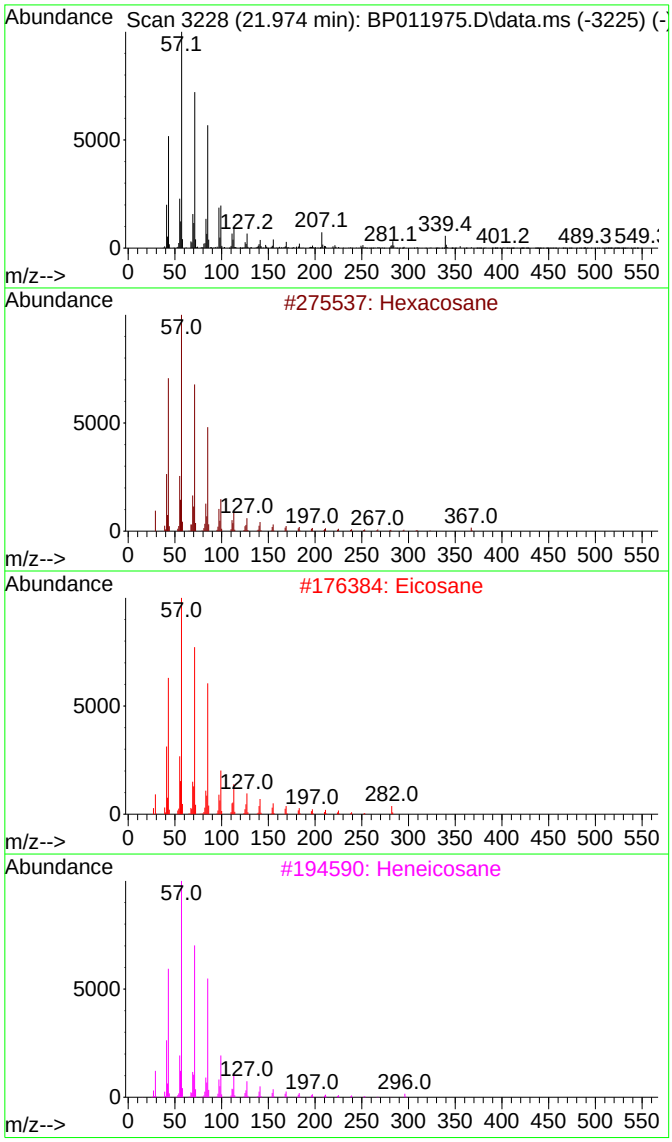
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

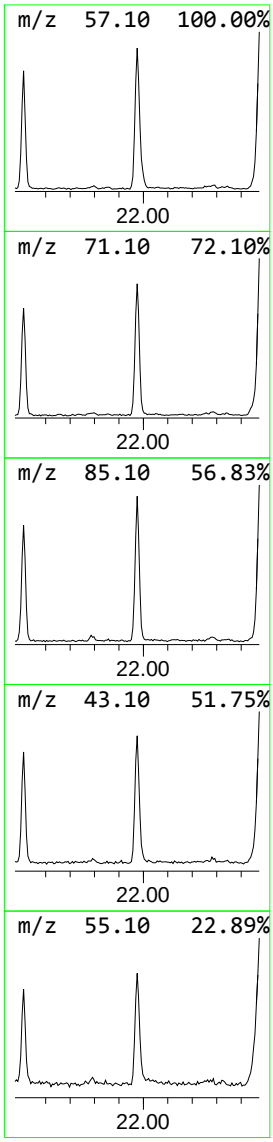
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.974	2.48 ng/ul	497953	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

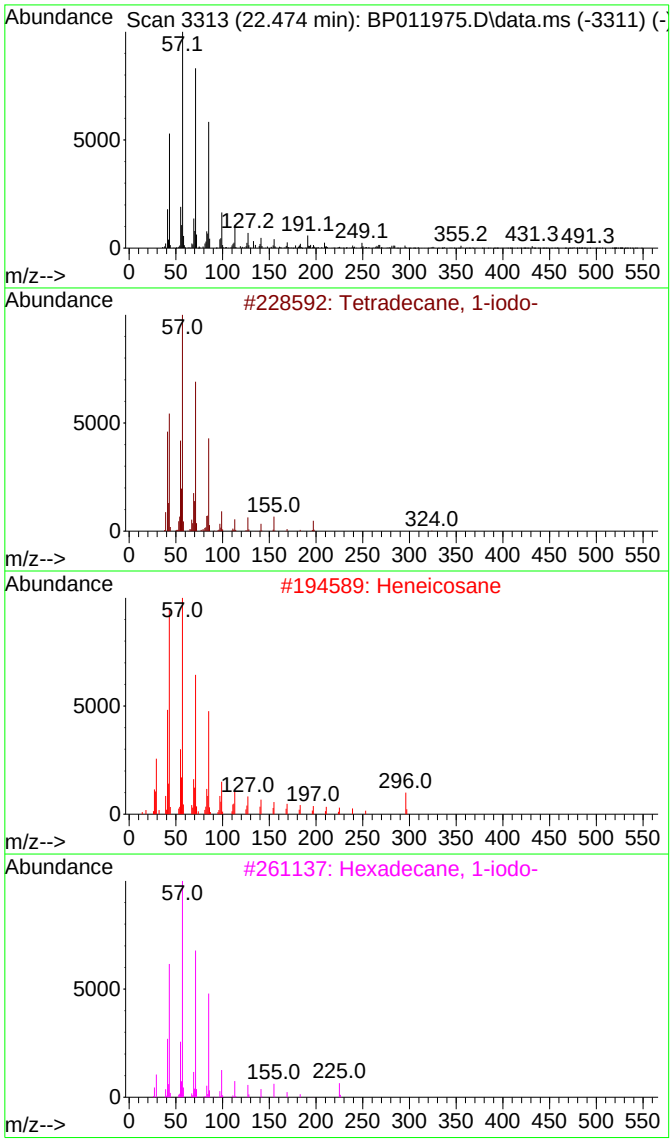
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

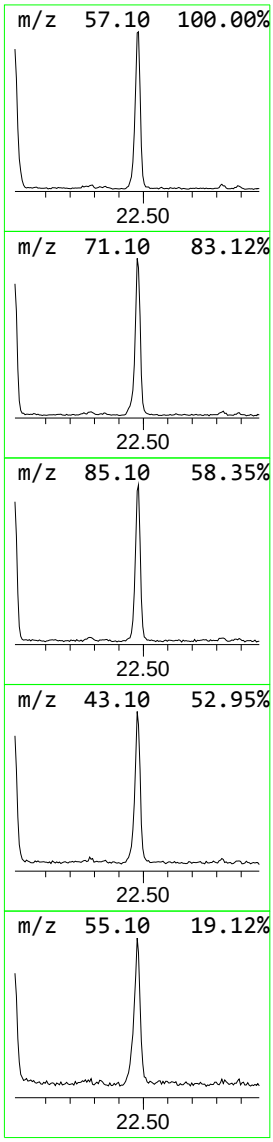
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Tetradecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.474	2.20 ng/ul	440839	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	93
2	Heneicosane	296	C21H44	000629-94-7	93
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
5	Tricosane	324	C23H48	000638-67-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

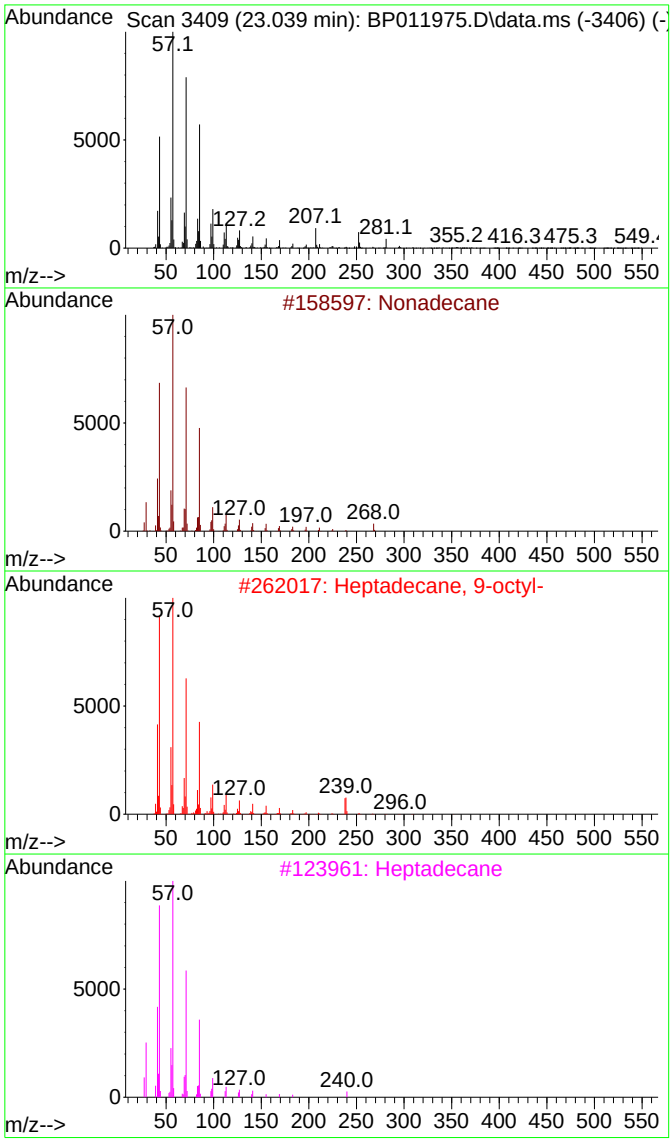
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

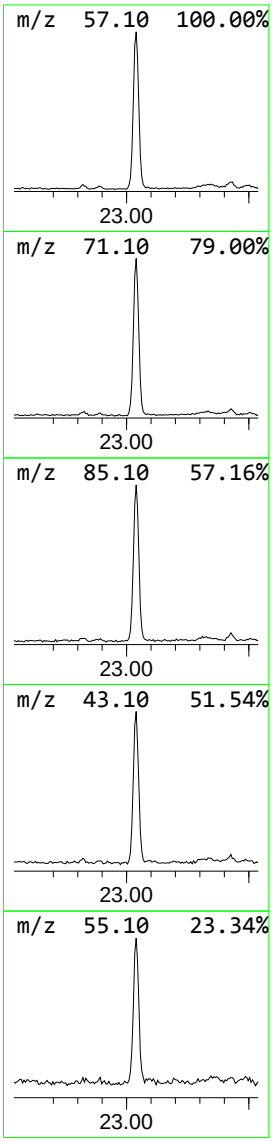
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.039	2.18 ng/ul	475372	Perylene-d12	23.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Heptadecane	240	C17H36	000629-78-7	90
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
5	Pentacosane	352	C25H52	000629-99-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

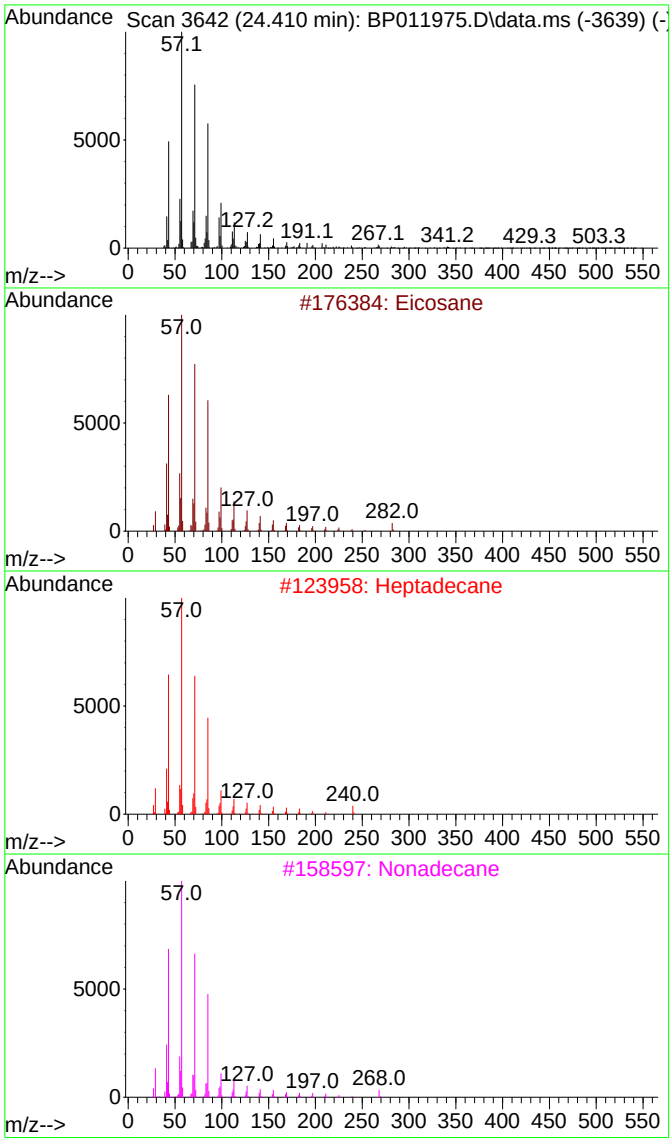
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

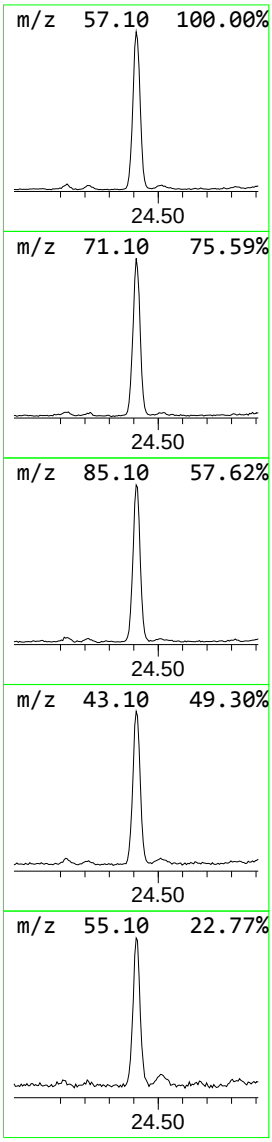
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.410	3.47 ng/ul	754595	Perylene-d12	23.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane	240	C17H36	000629-78-7	94
3	Nonadecane	268	C19H40	000629-92-5	93
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011975.D
Acq On : 06 Oct 2022 18:00
Operator : CG/JU
Sample : N4923-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.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...	3.028	69.0	ng/ul	6743700	1	7.881	1953490	20.0
n-Hexadecanoic ...	18.163	2.6	ng/ul	415727	4	17.281	3178870	20.0
Octadecanoic acid	19.398	3.1	ng/ul	617635	5	21.369	4008470	20.0
(DEL) Alkane: S...	21.974	2.5	ng/ul	497953	5	21.369	4008470	20.0
Tetradecane, 1-...	22.474	2.2	ng/ul	440839	5	21.369	4008470	20.0
(DEL) Alkane: S...	23.039	2.2	ng/ul	475372	6	23.798	4354130	20.0
(DEL) Alkane: S...	24.410	3.5	ng/ul	754595	6	23.798	4354130	20.0