LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002940.D
Acq On : 04 Oct 2018 19:37
Operator : MJ/SJ
Sample : J5184-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC23

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.793	301	307	320	rVB2	46245	80454	3.56%	0.293%
2	6.816	641	651	666	rBV	410233	779017	34.47%	2.834%
3	6.969	671	677	685	rBV	356656	565498	25.02%	2.057%
4	7.163	704	710	721	rVB	473020	767366	33.95%	2.791%
5	7.622	782	788	796	rBV	571594	942880	41.72%	3.430%
6	7.699	796	801	810	rVV2	48465	95748	4.24%	0.348%
7	8.334	903	909	923	rBV	515270	910730	40.30%	3.313%
8	8.775	977	984	999	rVB	426762	730021	32.30%	2.656%
9	9.487	1099	1105	1121	rVB	360337	618040	27.35%	2.248%
10	10.028	1191	1197	1216	rBV	485720	993105	43.94%	3.613%
11	10.392	1251	1259	1266	rBV	858516	1453418	64.31%	5.287%
12	10.540	1277	1284	1303	rBV	323373	662323	29.30%	2.409%
13	11.928	1514	1520	1528	rBV	57906	102619	4.54%	0.373%
14	13.675	1811	1817	1821	rBV	1062876	1444336	63.90%	5.254%
15	13.722	1821	1825	1833	rVB	593368	818326	36.21%	2.977%
16	13.916	1853	1858	1859	rBV	137257	165465	7.32%	0.602%
17	13.951	1859	1864	1875	rVB	1256703	1904267	84.25%	6.927%
18	14.263	1911	1917	1927	rVB2	1223047	1918437	84.88%	6.978%
19	14.504	1953	1958	1969	rBV	217723	504802	22.33%	1.836%
20	15.257	2080	2086	2093	rBV	1508797	2260141	100.00%	8.221%
21	15.404	2106	2111	2120	rBV	223571	366373	16.21%	1.333%
22	17.016	2379	2385	2390	rBV	1333156	1993681	88.21%	7.252%
23	17.110	2396	2401	2410	rBV	1476457	2087376	92.36%	7.593%
24	17.927	2536	2540	2549	rBV3	311937	589867	26.10%	2.146%
25	19.421	2789	2794	2800	rBV	1397871	2118556	93.74%	7.706%
26	21.227	3098	3101	3104	rVB	1075165	1291583	57.15%	4.698%
27	21.862	3207	3209	3213	rVB	1218962	1326301	58.68%	4.825%

Sum of corrected areas: 27490730

LSC Report - Integrated Chromatogram

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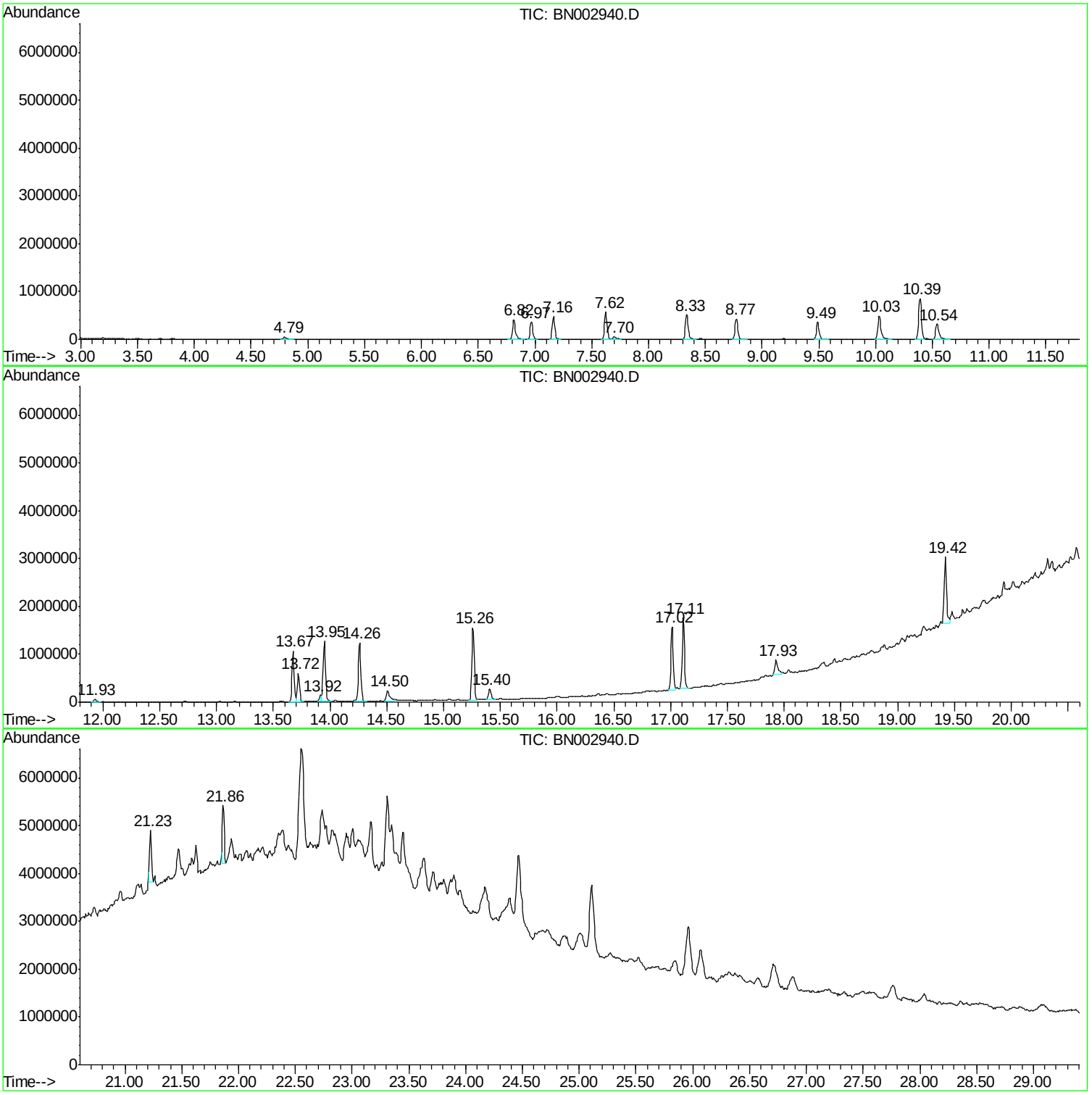
Instrument : BNA_N
ClientSampleId : JLC23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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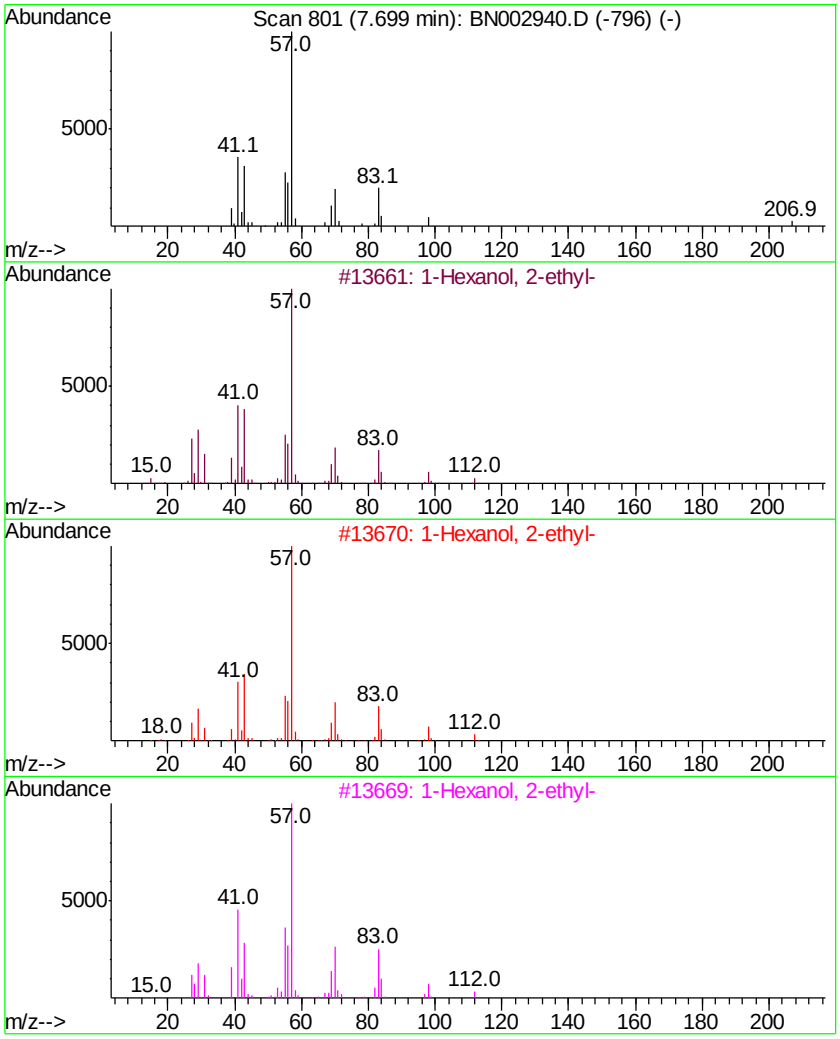
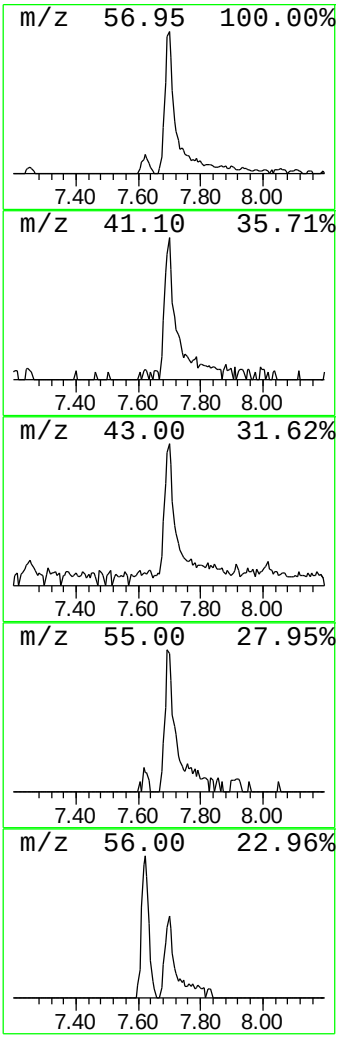
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	2.03 ng/ul	95748	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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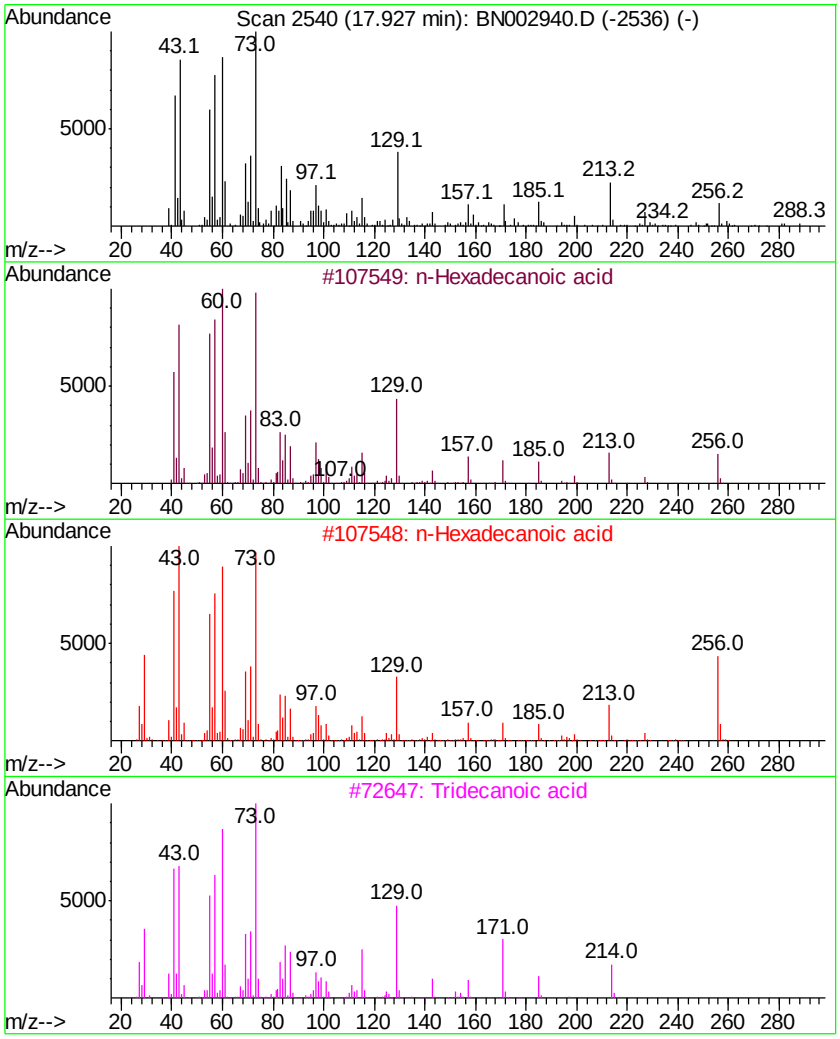
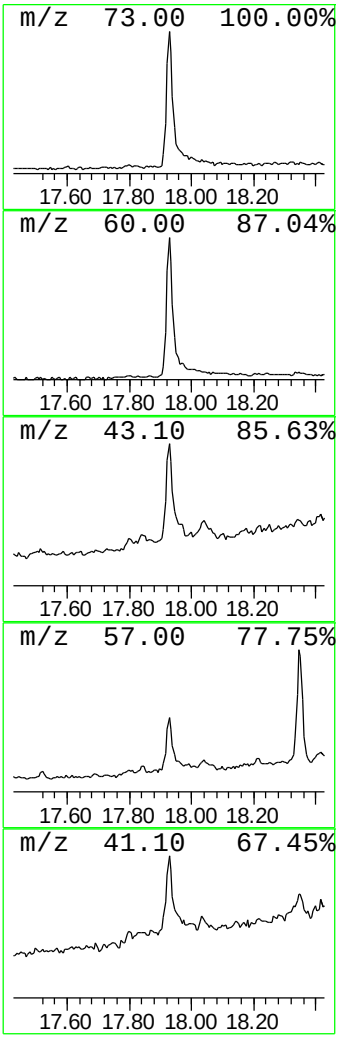
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	5.92 ng/ul	589867	Phenanthrene-d10	17.02

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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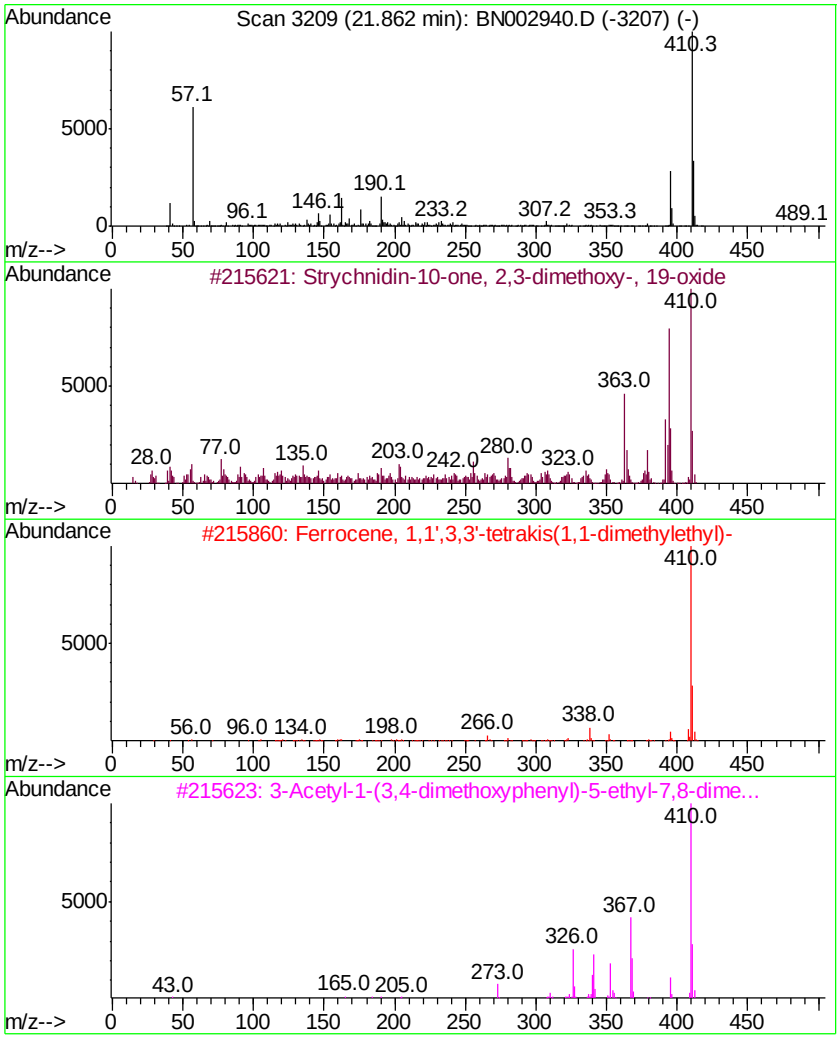
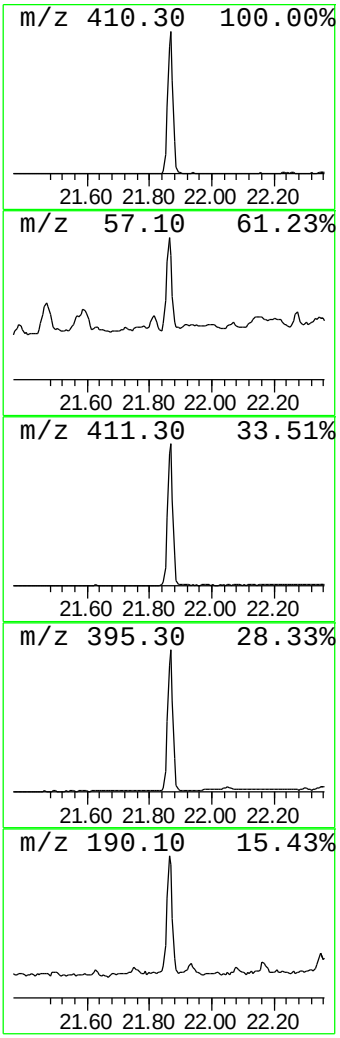
Peak Number 3 Strychnidin-10-one, 2,3-dim... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	20.54 ng/ul	1326300	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Strychnidin-10-one, 2,3-dimethox...	410	C23H26N2O5	017301-81-4	72
2	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	62
3	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	53
4	6,9-Methanobenzo[h]pentaphene-5,...	410	C27H22O4	057427-50-6	33
5	Pregnane-3,17,20-triol, cyclic 1...	428	C27H45BO3	030882-57-6	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.70	2.0	ng/ul	95748	1	7.62	942880	20.0
n-Hexadecanoic acid	17.93	5.9	ng/ul	589867	4	17.02	1993680	20.0
Strychnidin-10-on...	21.86	20.5	ng/ul	1326300	5	21.22	1291580	20.0