LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020044.D
Acq On : 23 Apr 2019 19:43
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\METHODS\8270-BM041519.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	5.104	355	360	385	rBV	1593870	2727387	49.57%	8.789%
2	6.687	623	629	655	rBV	1563102	2838564	51.59%	9.147%
3	7.028	680	687	708	rBV	1877193	3063463	55.68%	9.872%
4	7.492	760	766	780	rBV	319937	537275	9.76%	1.731%
5	7.804	812	819	840	rBV	1341482	2298118	41.77%	7.406%
6	8.669	960	966	988	rBV	688085	1605366	29.18%	5.173%
7	10.281	1233	1240	1262	rBV	238086	621790	11.30%	2.004%
8	12.763	1655	1662	1686	rBV	2201755	3754964	68.24%	12.100%
9	13.657	1809	1814	1827	rBV	82120	171661	3.12%	0.553%
10	14.169	1894	1901	1914	rBV2	404402	769432	13.98%	2.479%
11	15.674	2151	2157	2187	rBV	1561565	2879943	52.34%	9.281%
12	16.933	2365	2371	2389	rBV2	417039	868782	15.79%	2.800%
13	17.821	2516	2522	2534	rBV2	73450	163941	2.98%	0.528%
14	19.121	2738	2743	2754	rBV4	40122	98870	1.80%	0.319%
15	19.574	2814	2820	2834	rBV	4615195	5502237	100.00%	17.731%
16	20.368	2951	2955	2959	rBV	113200	121306	2.20%	0.391%
17	20.833	3030	3034	3045	rBV2	192472	319660	5.81%	1.030%
18	21.150	3083	3088	3099	rBV	634278	1056748	19.21%	3.405%
19	21.274	3105	3109	3113	rBV	133737	150914	2.74%	0.486%
20	21.692	3177	3180	3184	rBV	123113	133008	2.42%	0.429%
21	22.133	3252	3255	3262	rVB2	97024	113991	2.07%	0.367%
22	22.615	3334	3337	3343	rVB2	78685	102801	1.87%	0.331%
23	23.333	3453	3459	3472	rVB	502675	1131520	20.56%	3.646%

Sum of corrected areas: 31031741

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020044.D
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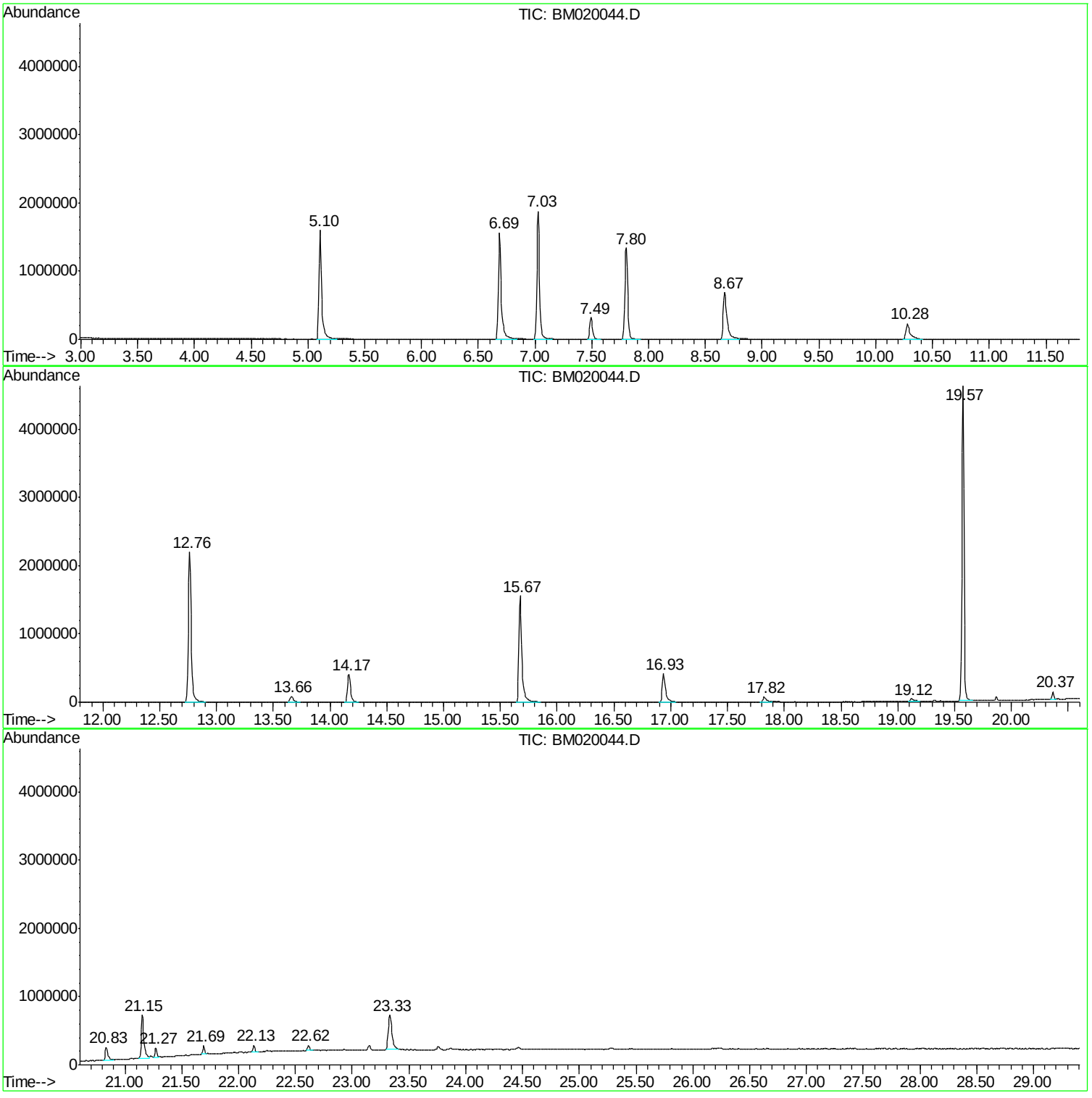
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020044.D
Acq On : 23 Apr 2019 19:43
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

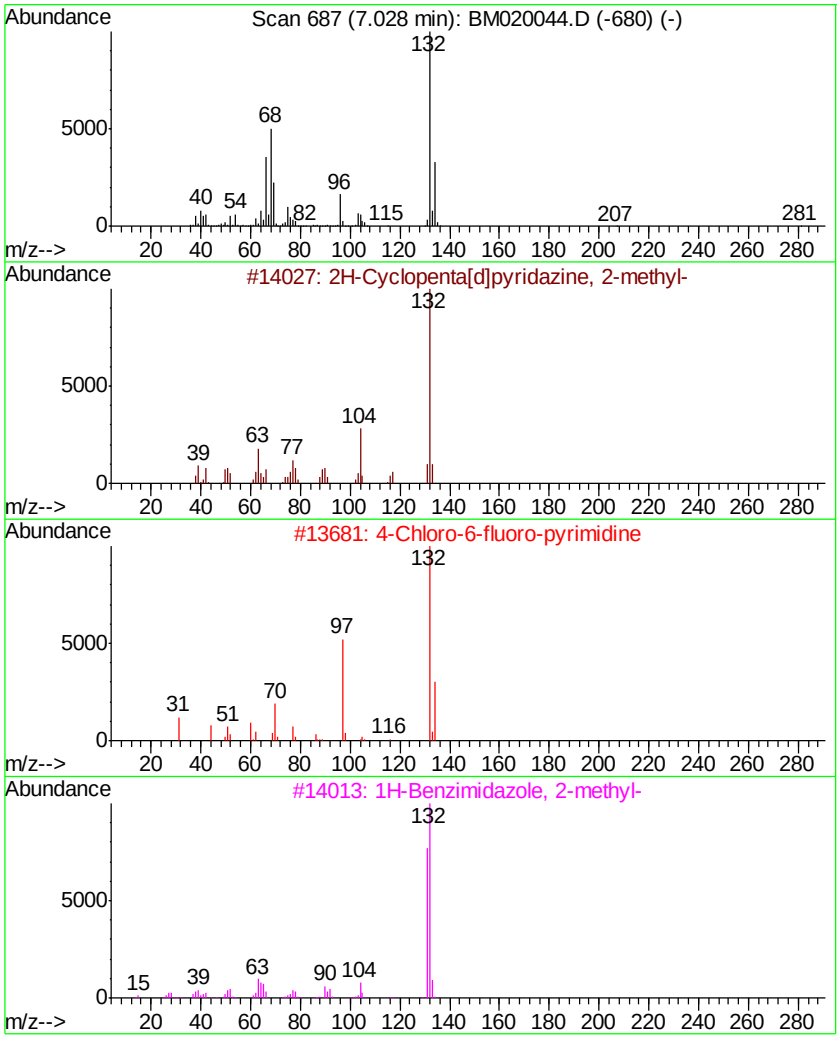
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

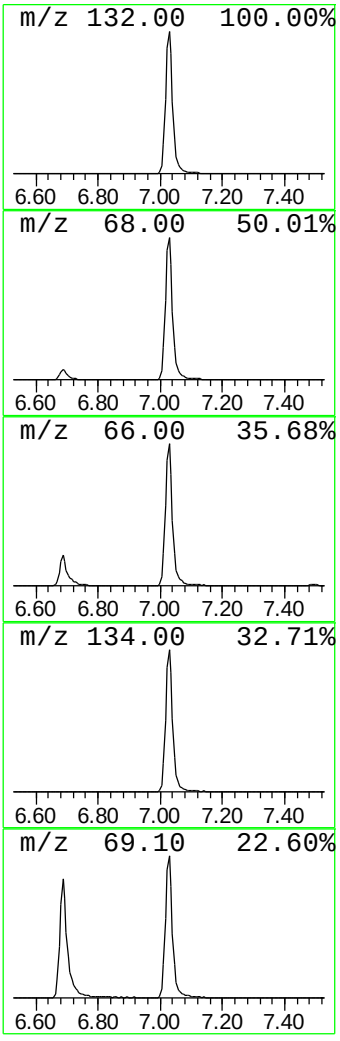
****

Peak Number 1 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	114.04 ng	3063460	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020044.D
Acq On : 23 Apr 2019 19:43
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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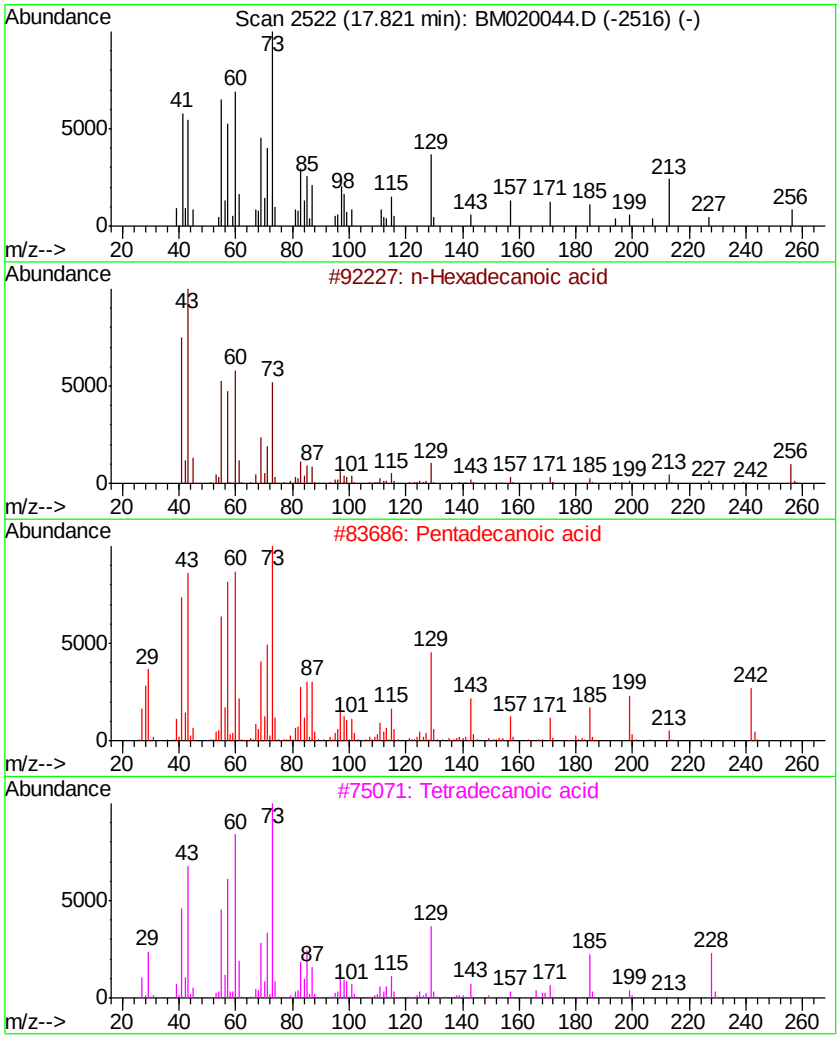
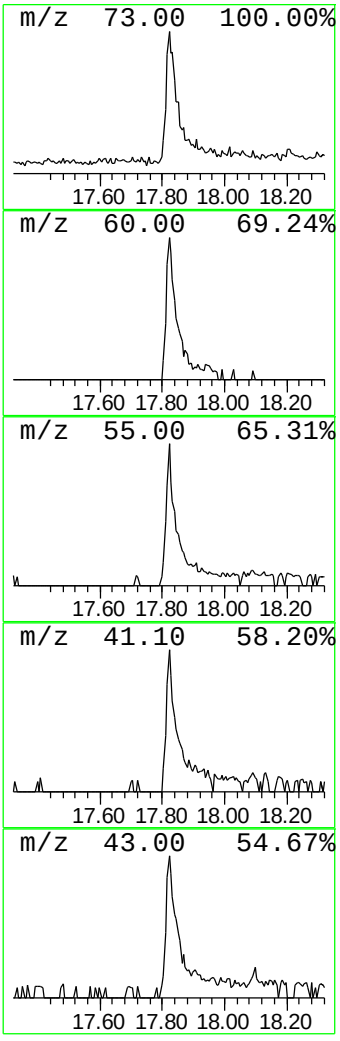
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.77 ng	163941	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020044.D
Acq On : 23 Apr 2019 19:43
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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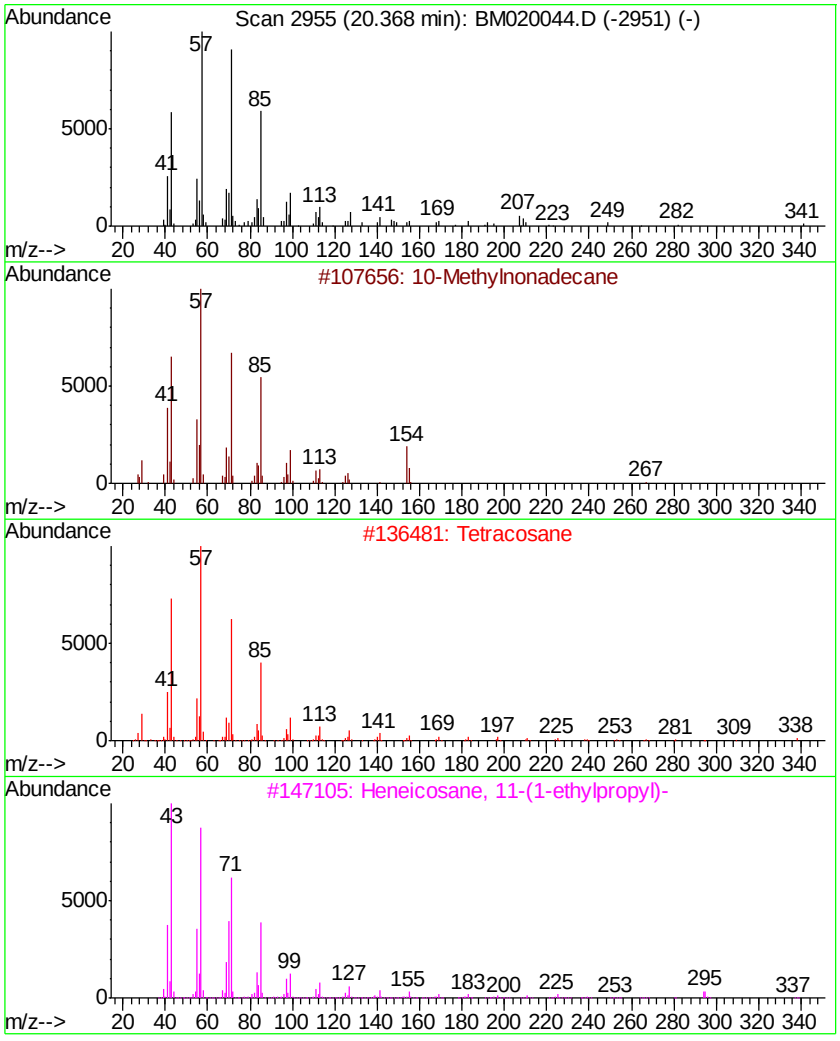
TIC Integration Parameters: LSCINT.P

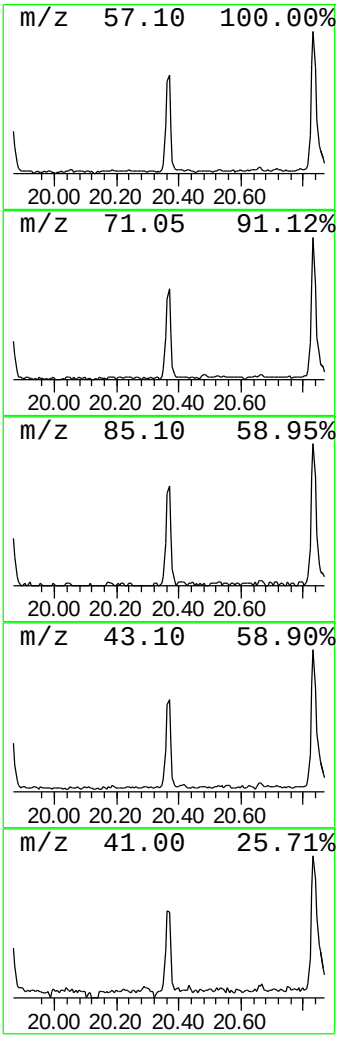
****

Peak Number 4 10-Methylnonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.30 ng	121306	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020044.D
Acq On : 23 Apr 2019 19:43
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

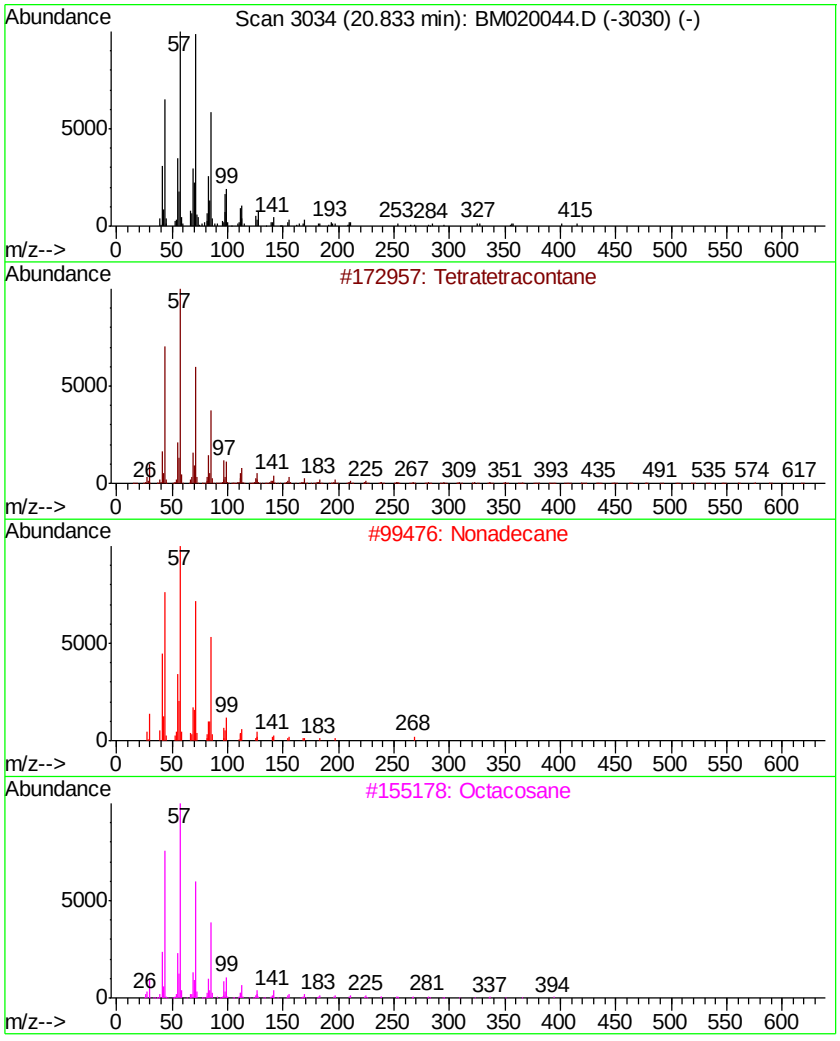
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

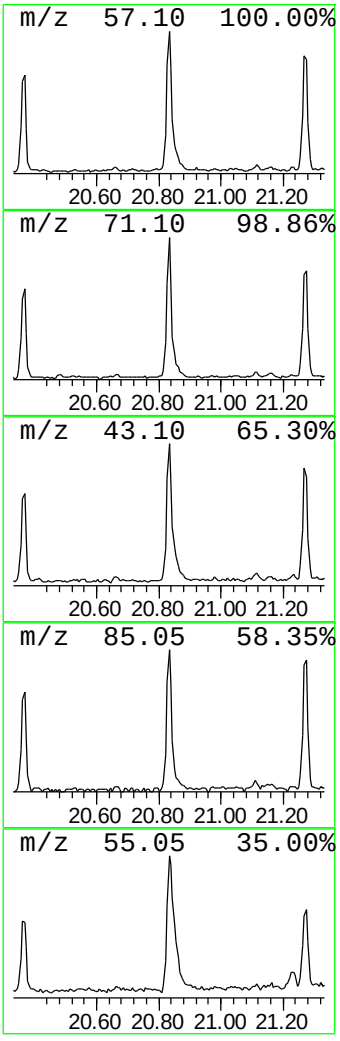
****

Peak Number 5 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.05 ng	319660	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Nonadecane	268	C19H40	000629-92-5	80
3	Octacosane	394	C28H58	000630-02-4	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Heptadecane	240	C17H36	000629-78-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
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Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
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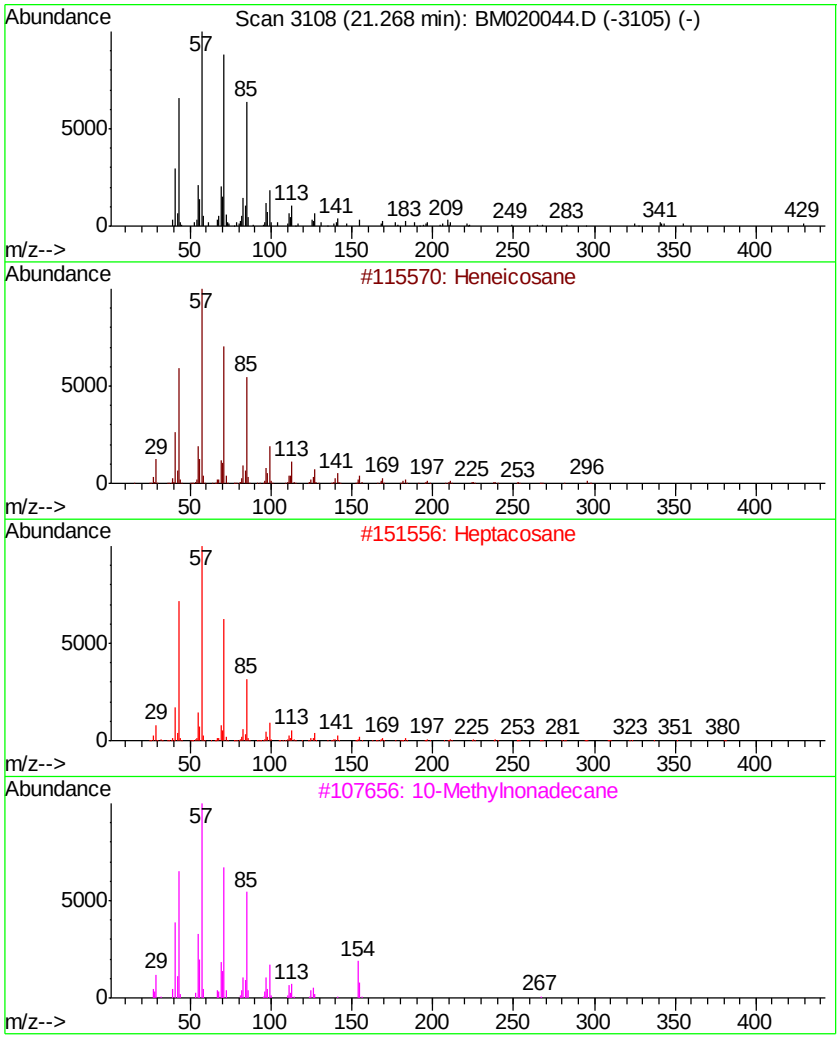
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

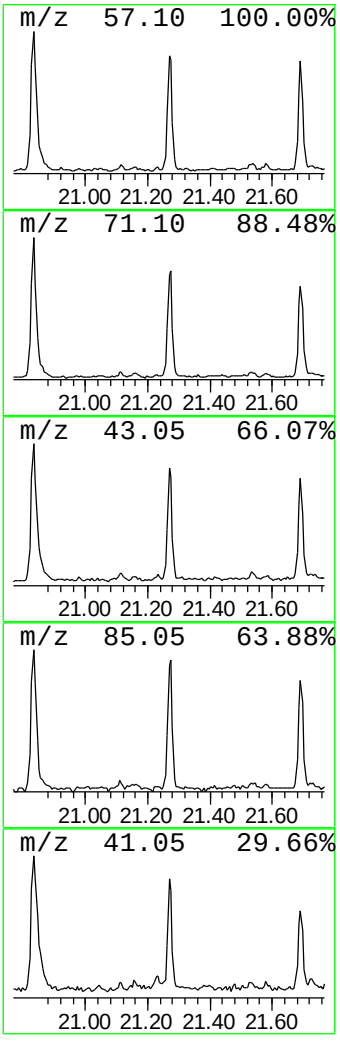
****

Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.86 ng	150914	Chrysene-d12	21.15

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	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

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Sample : K2515-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

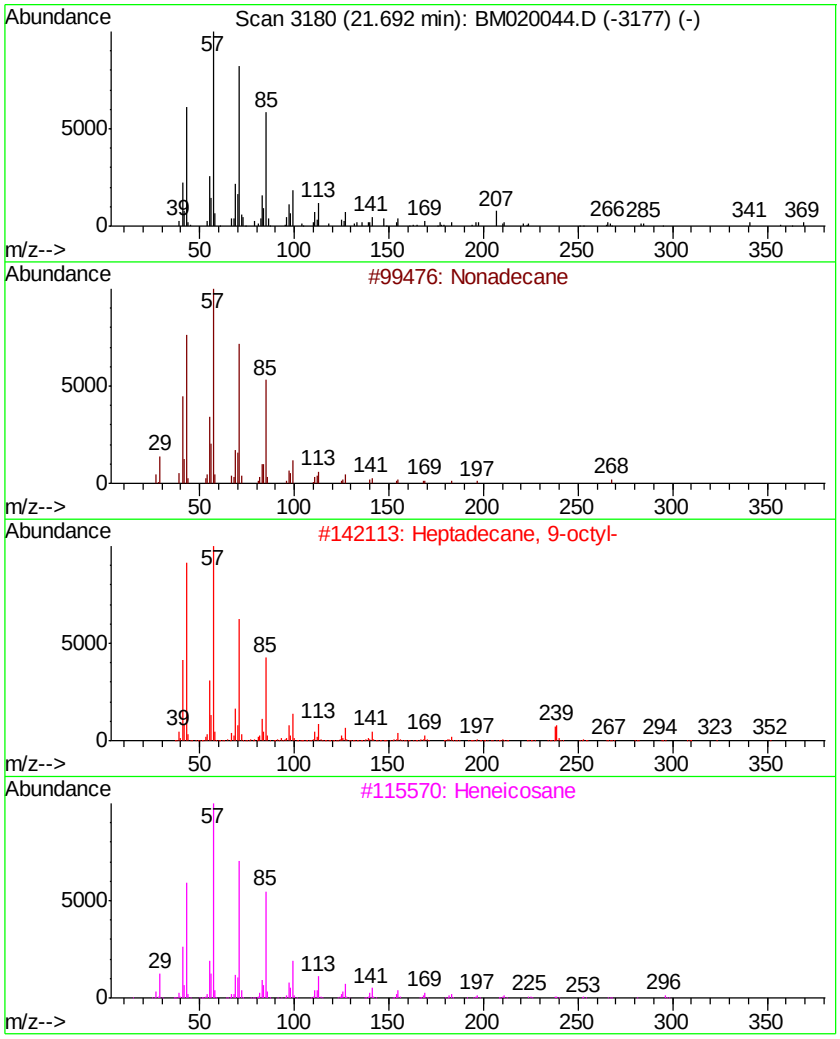
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

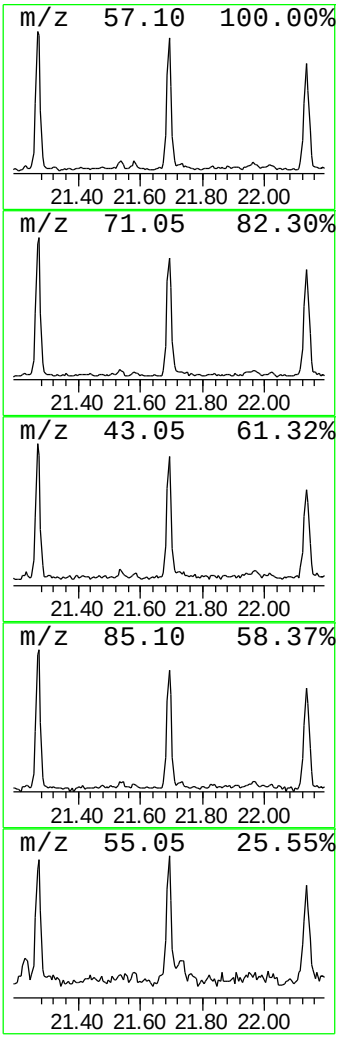
****

Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.52 ng	133008	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Sample : K2515-07
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Instrument : BNA_M
ClientSampleId : TP-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

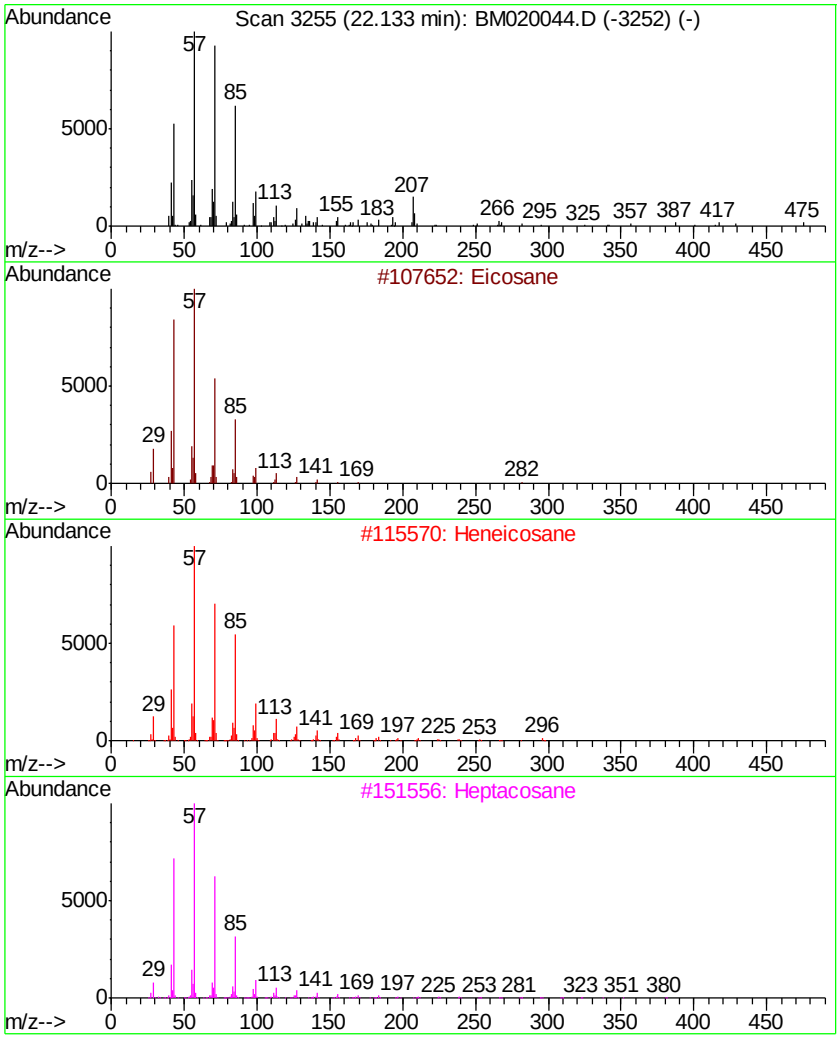
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

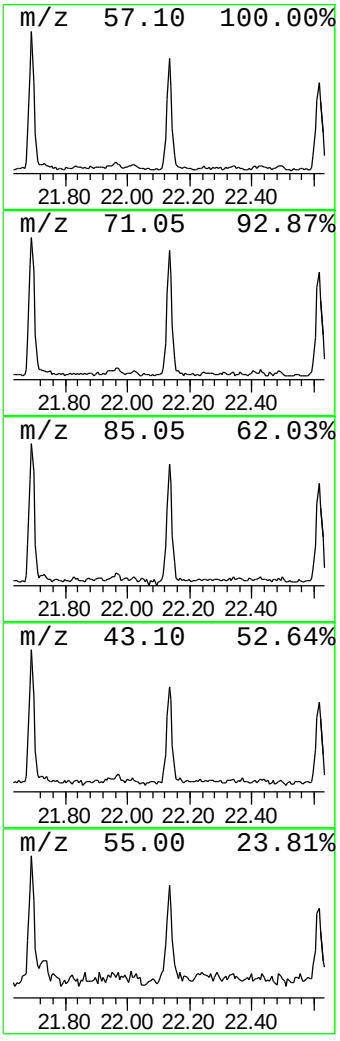
****

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.16 ng	113991	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042319\
Data File : BM020044.D
Acq On : 23 Apr 2019 19:43
Operator : JU/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.03	7.03	114.0	ng	3063460	1	7.49	537275	20.0
n-Hexadecanoic acid	17.82	3.8	ng	163941	4	16.93	868782	20.0
10-Methylnonadecane	20.37	2.3	ng	121306	5	21.15	1056750	20.0
Tetratetracontane	20.83	6.0	ng	319660	5	21.15	1056750	20.0
Heneicosane	21.27	2.9	ng	150914	5	21.15	1056750	20.0
Nonadecane	21.69	2.5	ng	133008	5	21.15	1056750	20.0
Eicosane	22.13	2.2	ng	113991	5	21.15	1056750	20.0