LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020221.D
Acq On : 09 May 2019 17:27
Operator : JU/SJ
Sample : K2790-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-0509-DH-4

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-BM043019.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	5.357	397	403	413	rBV	1783816	2591576	51.56%	7.969%
2	6.945	665	673	691	rBV	1636429	2733034	54.38%	8.404%
3	7.304	727	734	747	rBV	1707387	2858431	56.87%	8.790%
4	7.775	807	814	824	rBV	396112	638757	12.71%	1.964%
5	8.092	861	868	881	rBV	1265890	2086719	41.52%	6.417%
6	8.939	1005	1012	1026	rBV	984015	1718983	34.20%	5.286%
7	10.569	1282	1289	1300	rBV	453981	778340	15.49%	2.393%
8	13.039	1702	1709	1723	rBV	2146198	3270157	65.07%	10.056%
9	13.874	1846	1851	1859	rBV	260065	382950	7.62%	1.178%
10	14.421	1938	1944	1952	rBV2	656534	998510	19.87%	3.071%
11	15.909	2191	2197	2212	rBV	2054639	3086546	61.41%	9.491%
12	17.168	2405	2411	2416	rBV	886342	1242579	24.72%	3.821%
13	17.209	2416	2418	2425	rVB2	49354	64792	1.29%	0.199%
14	18.050	2555	2561	2573	rBV	235880	399600	7.95%	1.229%
15	19.227	2755	2761	2766	rBV	94413	130767	2.60%	0.402%
16	19.333	2775	2779	2783	rBV3	55097	80543	1.60%	0.248%
17	19.592	2819	2823	2830	rVB	78615	117283	2.33%	0.361%
18	19.792	2851	2857	2868	rBV	3986342	5025902	100.00%	15.455%
19	20.480	2970	2974	2980	rBV	192184	372458	7.41%	1.145%
20	21.050	3067	3071	3082	rBV	518899	677441	13.48%	2.083%
21	21.356	3118	3123	3127	rBV	1140172	1528075	30.40%	4.699%
22	22.397	3298	3300	3308	rVB2	143901	153705	3.06%	0.473%
23	23.644	3506	3512	3521	rVB2	817373	1582149	31.48%	4.865%

Sum of corrected areas: 32519297

LSC Report - Integrated Chromatogram

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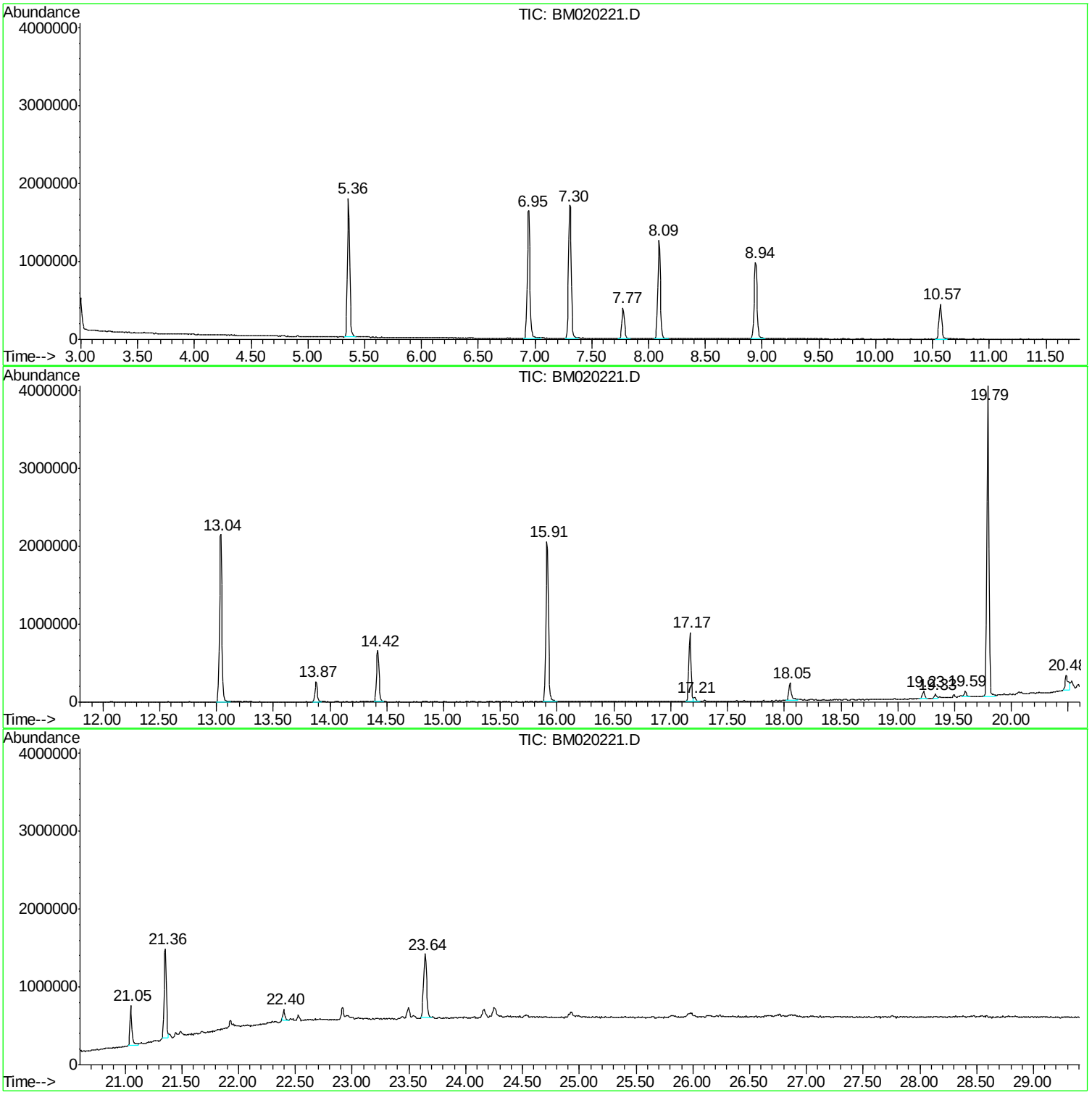
Sample : K2790-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-0509-DH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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\BM050919\
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Operator : JU/SJ
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

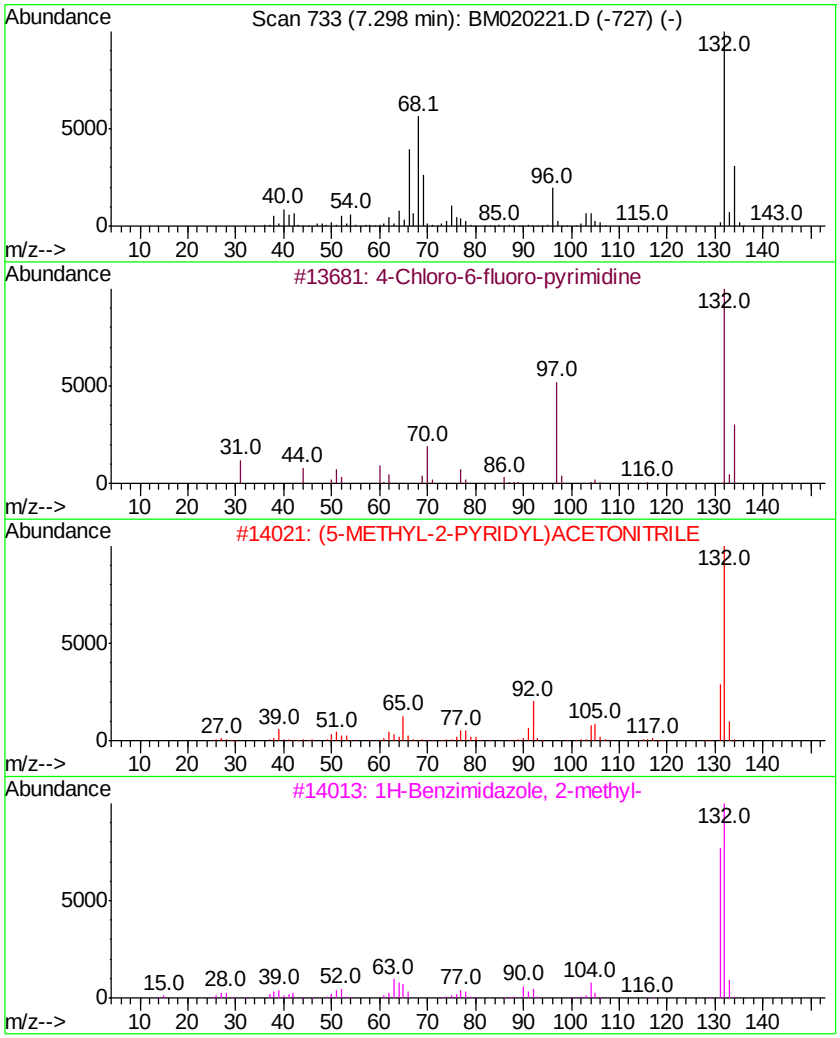
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

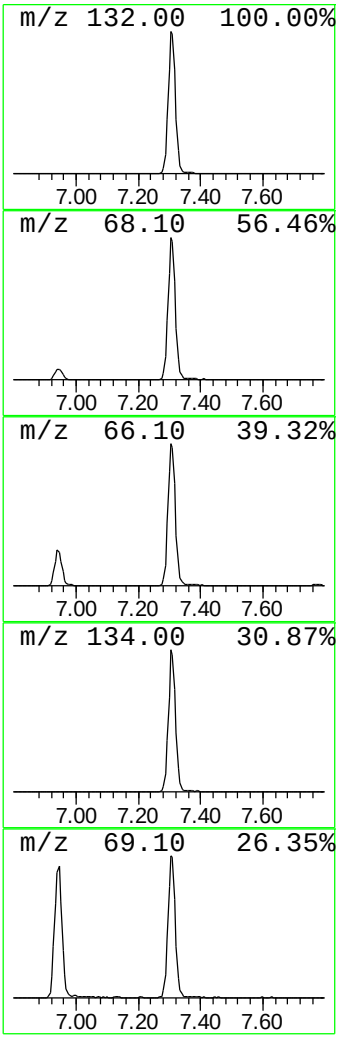
****

Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	89.50 ng	2858430	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : SSSI-0509-DH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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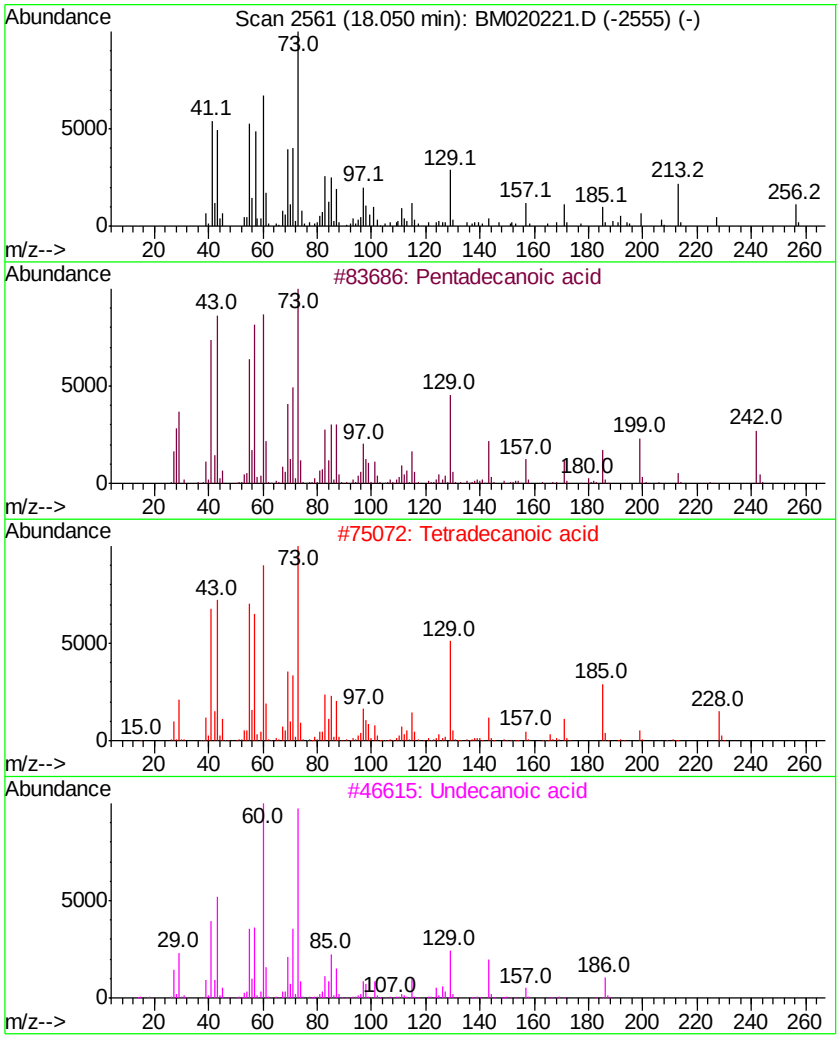
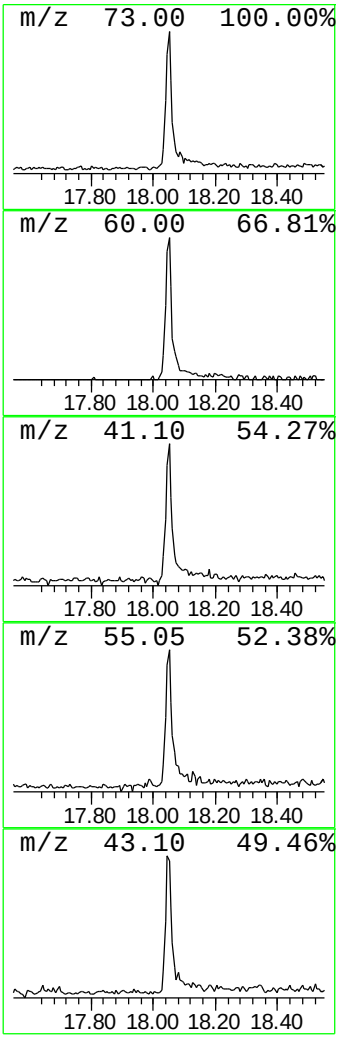
Peak Number 3 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	6.43 ng	399600	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3	Undecanoic acid	186	C11H22O2	000112-37-8	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	Tridecanoic acid	214	C13H26O2	000638-53-9	37





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Acq On : 09 May 2019 17:27
Operator : JU/SJ
Sample : K2790-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-0509-DH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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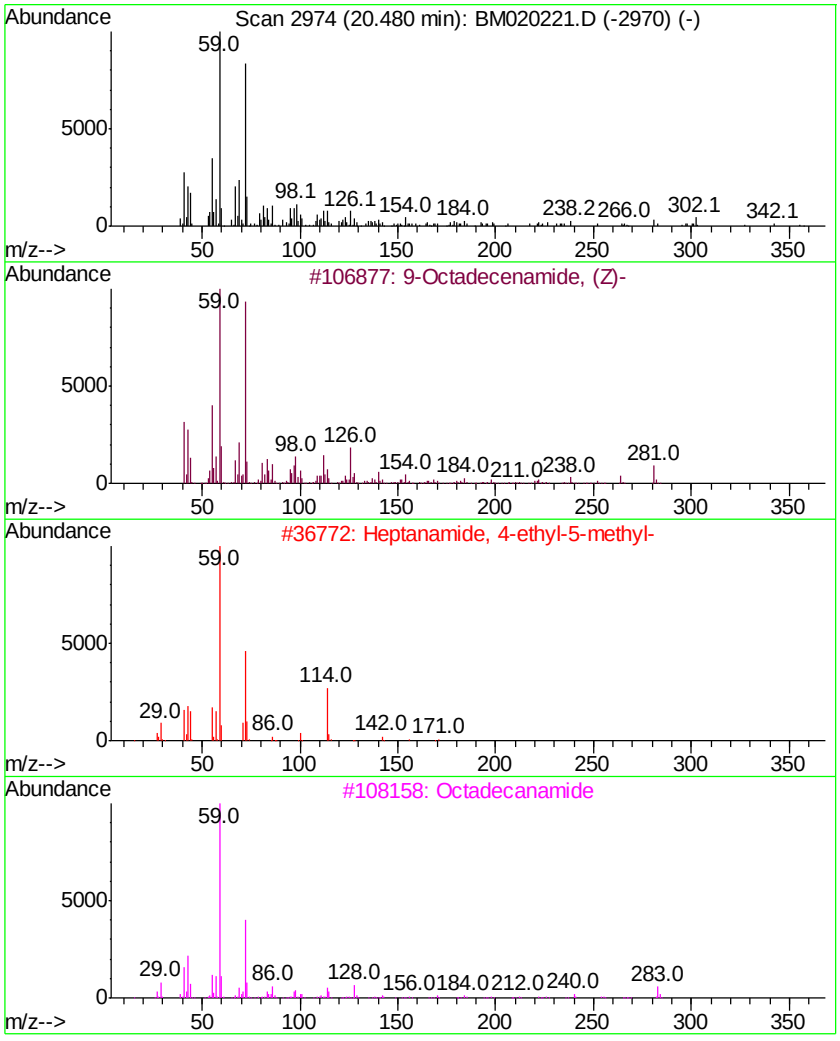
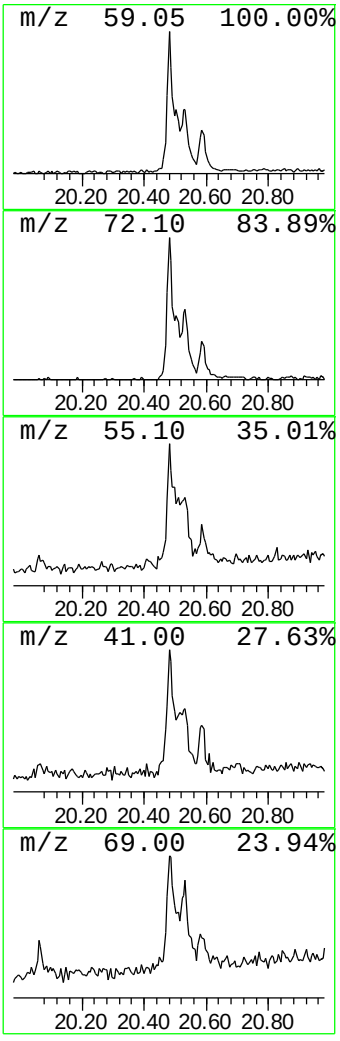
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	4.87 ng	372458	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
3	Octadecanamide	283	C18H37NO	000124-26-5	47
4	Dodecanamide	199	C12H25NO	001120-16-7	45
5	Nonanamide	157	C9H19NO	001120-07-6	43





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Data File : BM020221.D
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Misc :
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Instrument : BNA_M
ClientSampleId : SSSI-0509-DH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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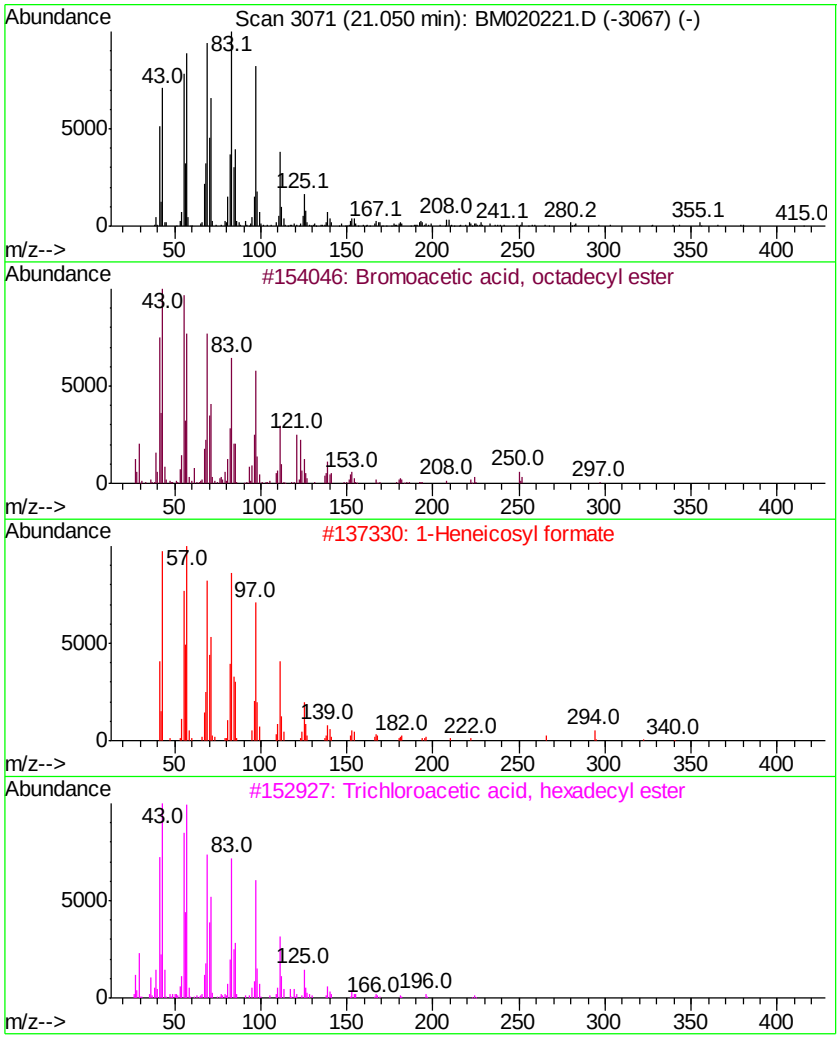
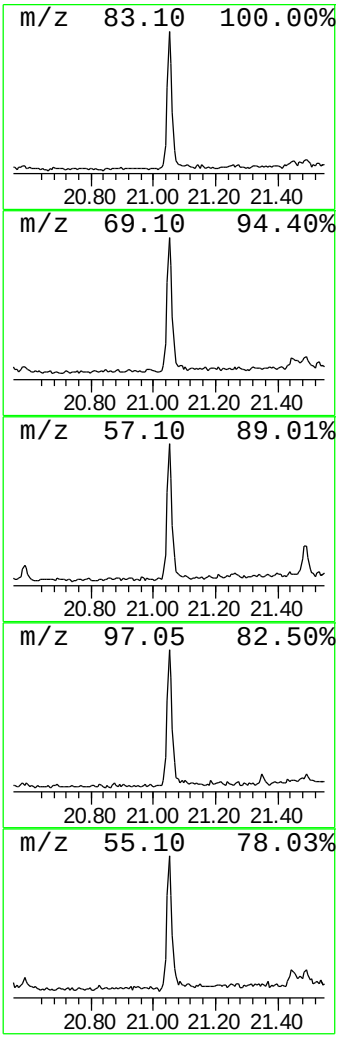
Peak Number 6 Bromoacetic acid, octadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	8.87 ng	677441	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	Cyclohexadecane	224	C16H32	000295-65-8	83





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Data File : BM020221.D
Acq On : 09 May 2019 17:27
Operator : JU/SJ
Sample : K2790-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-0509-DH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

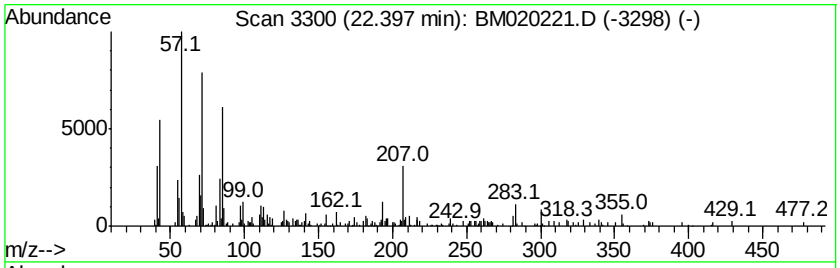
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

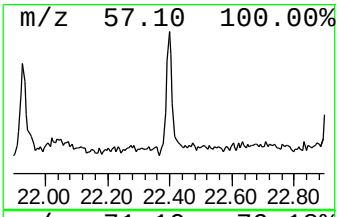
****

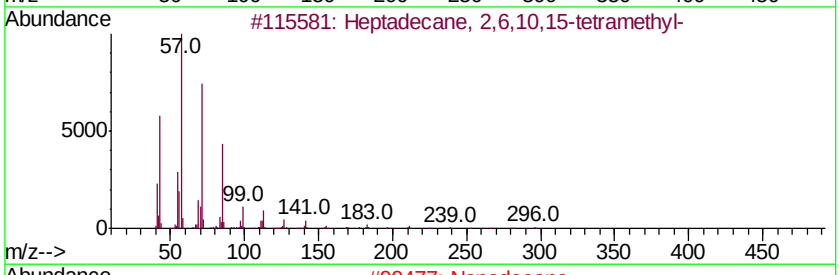
Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

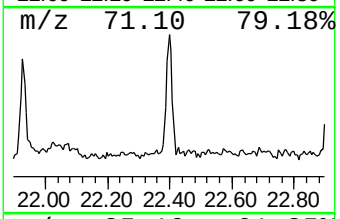
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.01 ng	153705	Chrysene-d12	21.36

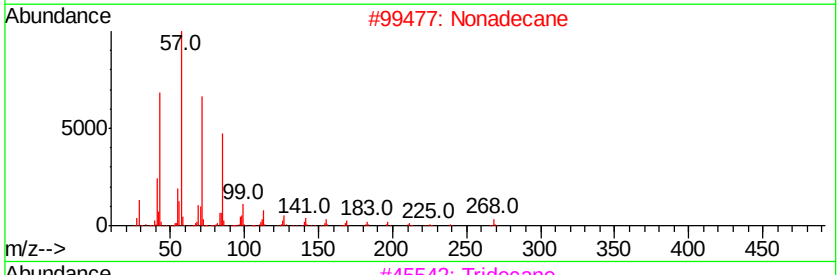
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Nonadecane	268	C19H40	000629-92-5	70
3	Tridecane	184	C13H28	000629-50-5	70
4	Dodecane	170	C12H26	000112-40-3	62
5	Hexadecane	226	C16H34	000544-76-3	62

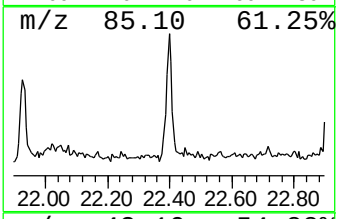


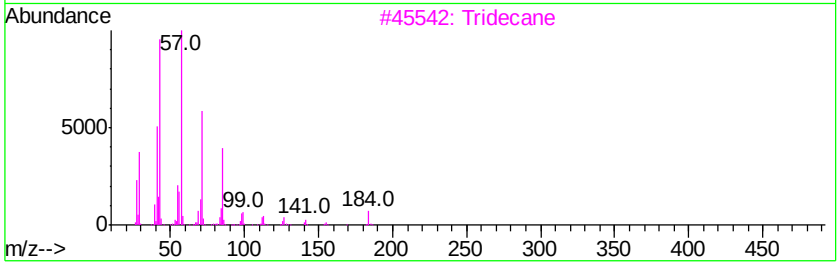


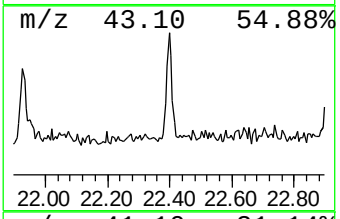


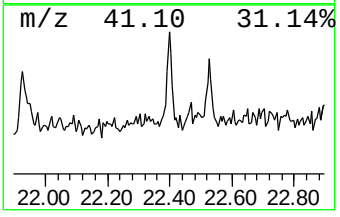












Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.30	7.30	89.5	ng	2858430	1	7.77	638757	20.0
Pentadecanoic acid	18.05	6.4	ng	399600	4	17.17	1242580	20.0
9-Octadecenamide,...	20.48	4.9	ng	372458	5	21.36	1528080	20.0
Bromoacetic acid,...	21.05	8.9	ng	677441	5	21.36	1528080	20.0
Heptadecane, 2,6,...	22.40	2.0	ng	153705	5	21.36	1528080	20.0