LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

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:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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	1.395	25	27	37	rVB	19119	45496	1.22%	0.272%
2	3.784	232	236	250	rVB	50333	132824	3.55%	0.795%
3	4.744	317	320	334	rVB	361828	784205	20.96%	4.695%
4	7.133	526	529	533	rBV	452015	782514	20.91%	4.685%
5	7.213	533	536	541	rVB	508205	869583	23.24%	5.207%
6	7.728	578	581	585	rVB	92981	159248	4.26%	0.954%
7	8.048	605	609	612	rBV	365718	600772	16.06%	3.597%
8	9.031	691	695	700	rBV	305755	503262	13.45%	3.013%
9	10.631	832	835	838	rBV	140652	224478	6.00%	1.344%
10	13.282	1064	1067	1071	rBV	496551	868634	23.21%	5.201%
11	14.757	1192	1196	1200	rBV2	141546	234632	6.27%	1.405%
12	16.483	1344	1347	1350	rBV	422261	556618	14.88%	3.333%
13	17.603	1442	1445	1446	rBV	192834	241858	6.46%	1.448%
14	17.637	1446	1448	1450	rVV	157710	208978	5.58%	1.251%
15	17.706	1452	1454	1457	rVB	35769	50744	1.36%	0.304%
16	18.426	1514	1517	1519	rVB	798037	1032811	27.60%	6.184%
17	18.609	1531	1533	1537	rBV	34060	52676	1.41%	0.315%
18	19.317	1590	1595	1596	rBV2	2912750	3741958	100.00%	22.405%
19	19.352	1596	1598	1600	rVB	2284979	2297029	61.39%	13.754%
20	19.466	1605	1608	1611	rBV	395557	457577	12.23%	2.740%
21	19.569	1614	1617	1620	rVV	206942	238308	6.37%	1.427%
22	19.843	1638	1641	1644	rBV	679831	773620	20.67%	4.632%
23	20.026	1650	1657	1659	rBV	35936	63184	1.69%	0.378%
24	20.392	1685	1689	1693	rBV2	67215	117420	3.14%	0.703%
25	20.460	1693	1695	1700	rBV4	40483	86052	2.30%	0.515%
26	20.643	1708	1711	1715	rBV3	71482	98325	2.63%	0.589%
27	20.837	1725	1728	1730	rBV2	20540	40545	1.08%	0.243%
28	20.906	1730	1734	1739	rVV6	49456	119766	3.20%	0.717%
29	21.100	1747	1751	1753	rBV2	341209	599864	16.03%	3.592%
30	21.226	1760	1762	1765	rBV2	51487	69880	1.87%	0.418%
31	21.603	1792	1795	1797	rBV3	26960	50471	1.35%	0.302%
32	22.346	1857	1860	1865	rBV	98008	217379	5.81%	1.302%
33	22.632	1883	1885	1888	rVB	61174	69459	1.86%	0.416%
34	22.689	1888	1890	1893	rBV	90190	106467	2.85%	0.637%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

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:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.746	1893	1895	1898	rBV	127651	204745	5.47%	1.226%

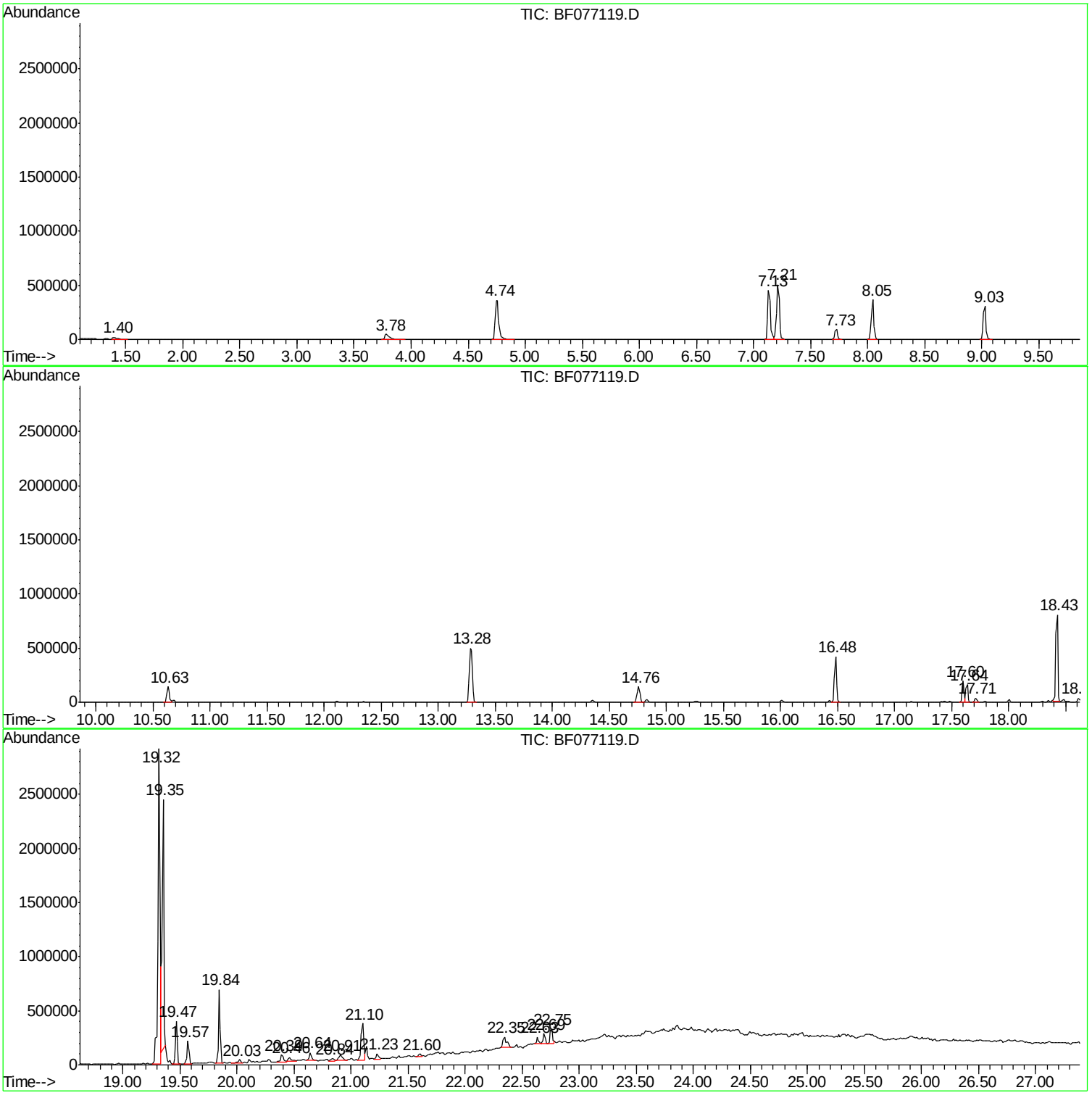
Sum of corrected areas: 16701382

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

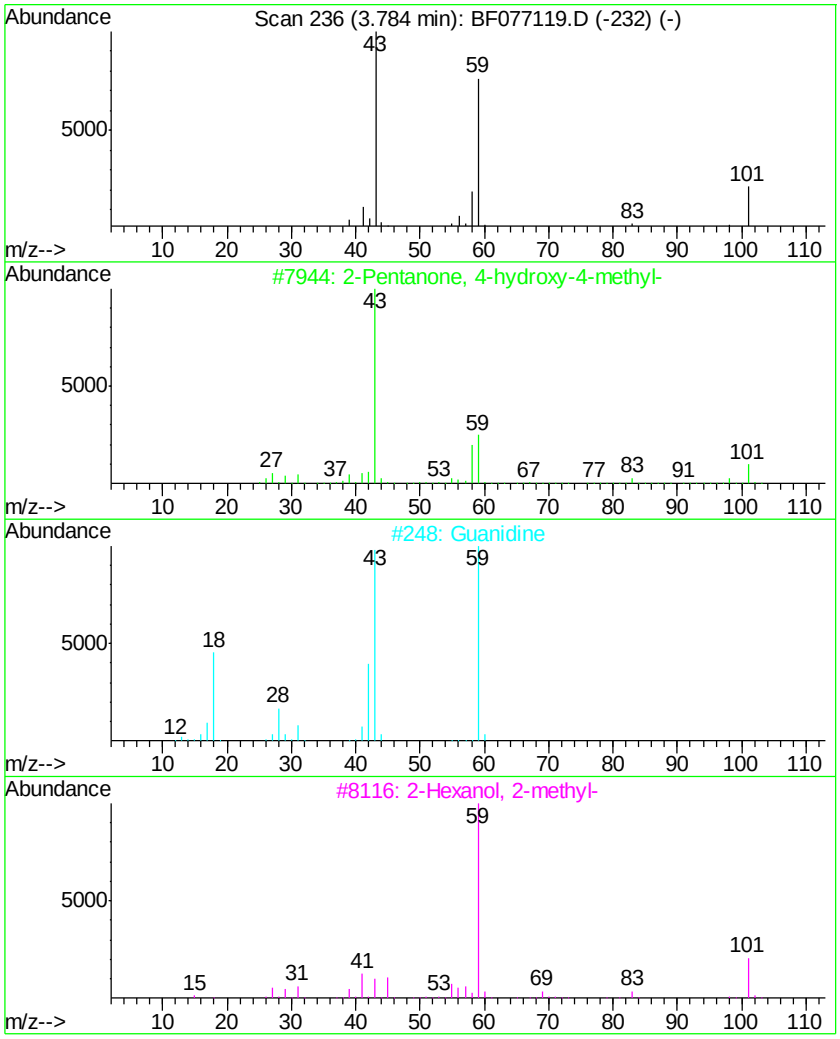
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

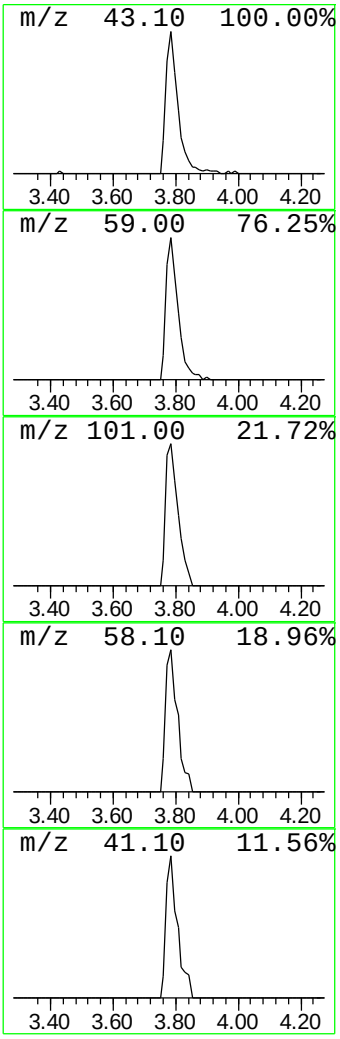
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	16.68 ng	132824	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Guanidine	59	CH5N3	000113-00-8	50
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	36
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

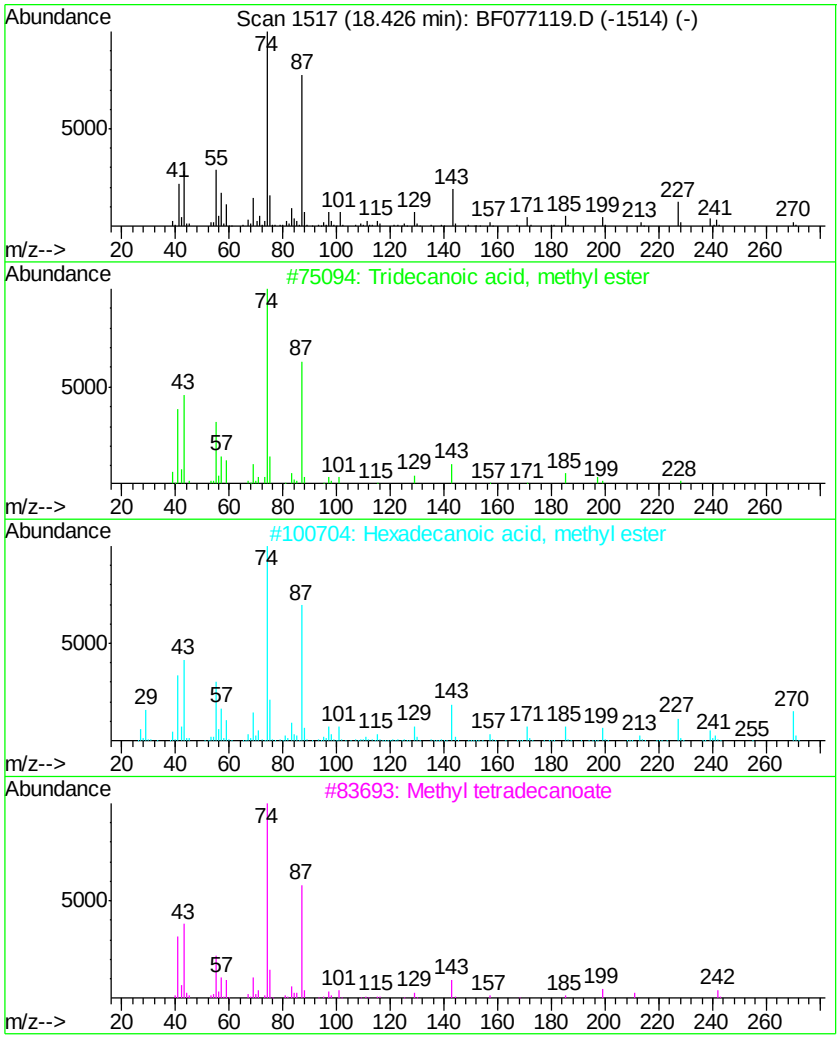
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

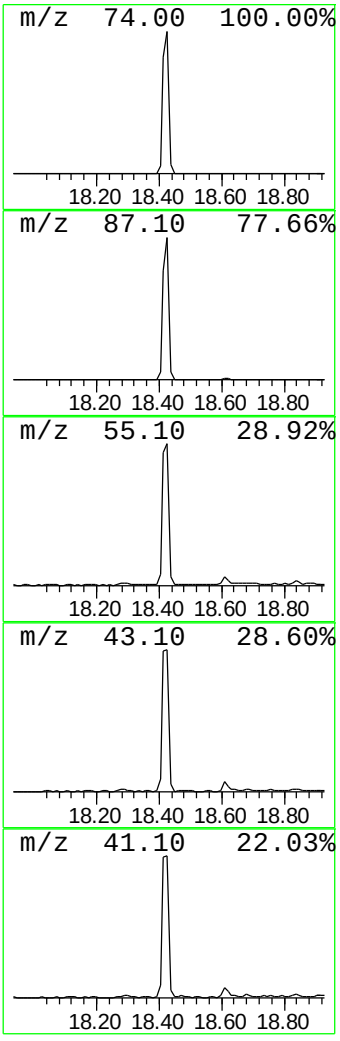
****

Peak Number 4 Tridecanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	85.41 ng	1032810	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

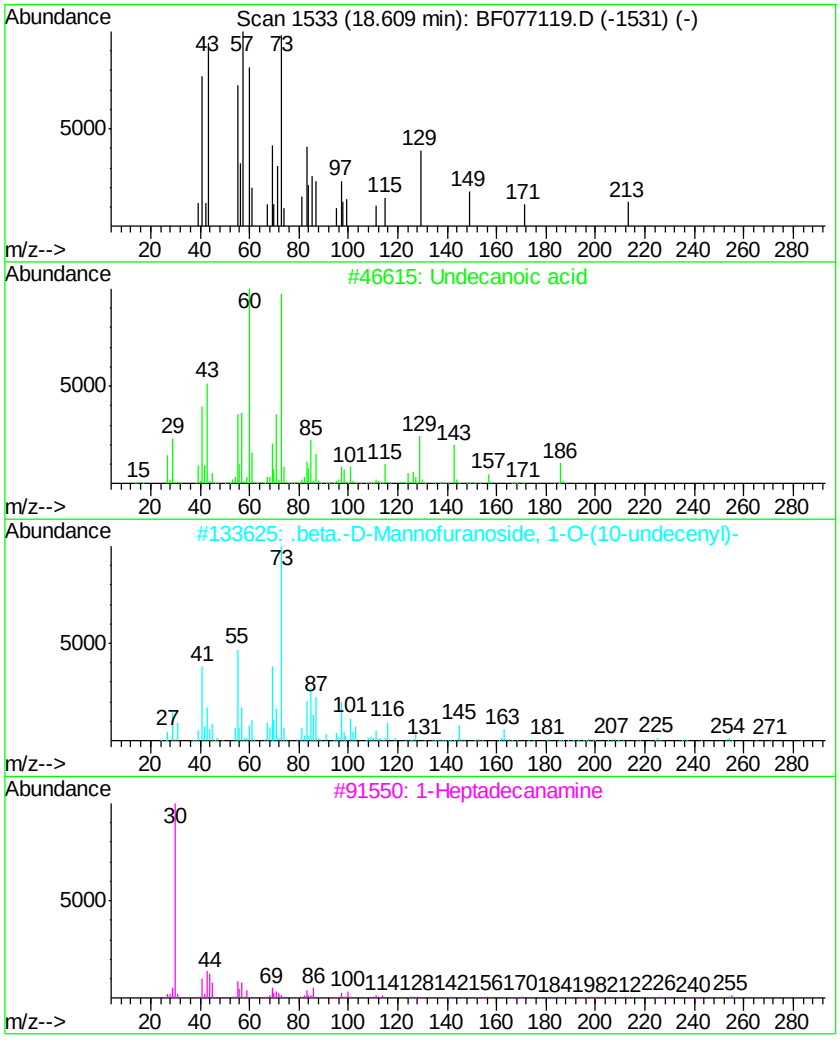
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

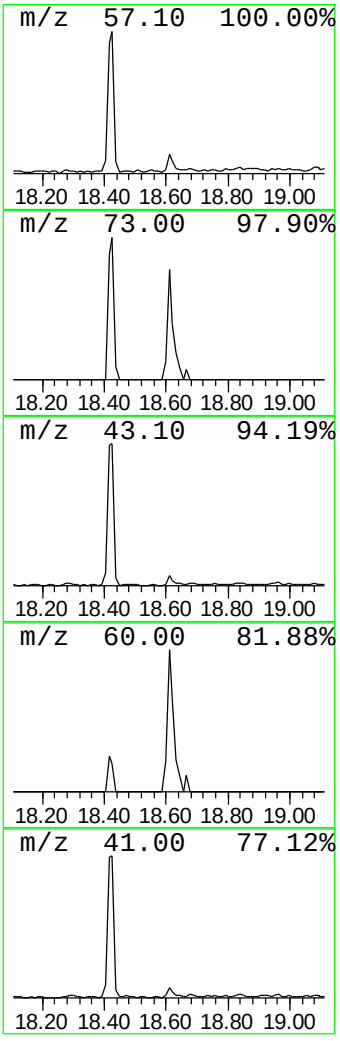
****

Peak Number 5 Undecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	4.36 ng	52676	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	43
2	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	22
3	1-Heptadecanamine	255	C17H37N	004200-95-7	14
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	14
5	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

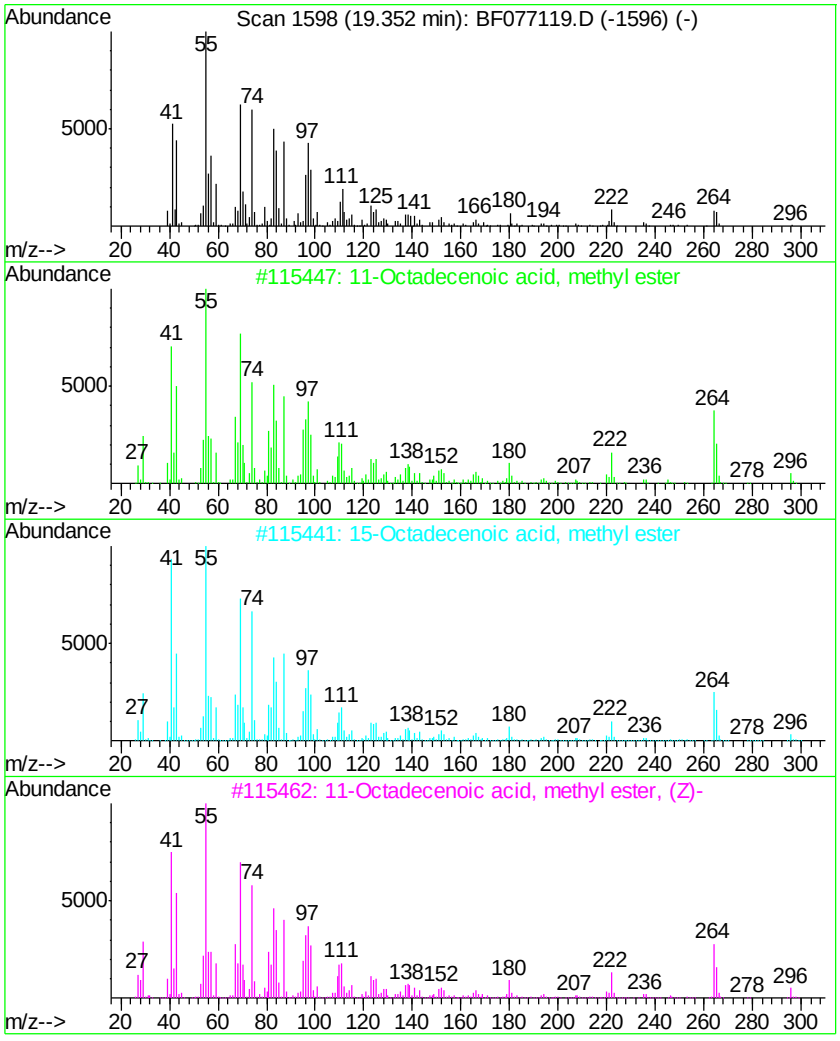
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

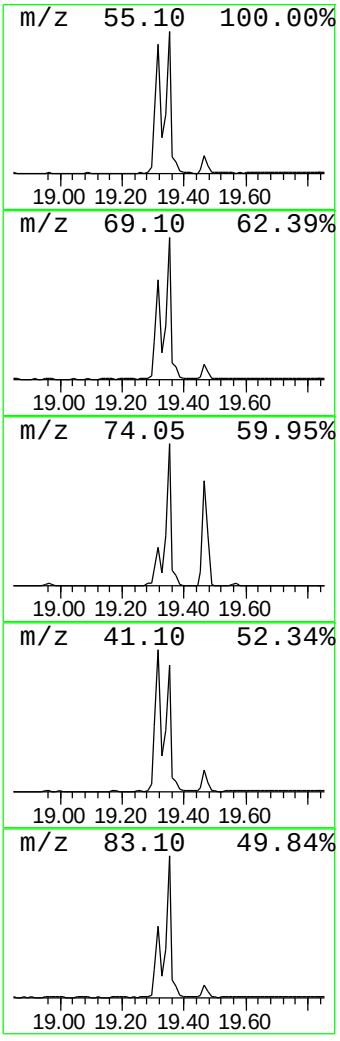
****

Peak Number 6 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	76.59 ng	2297030	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	93
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

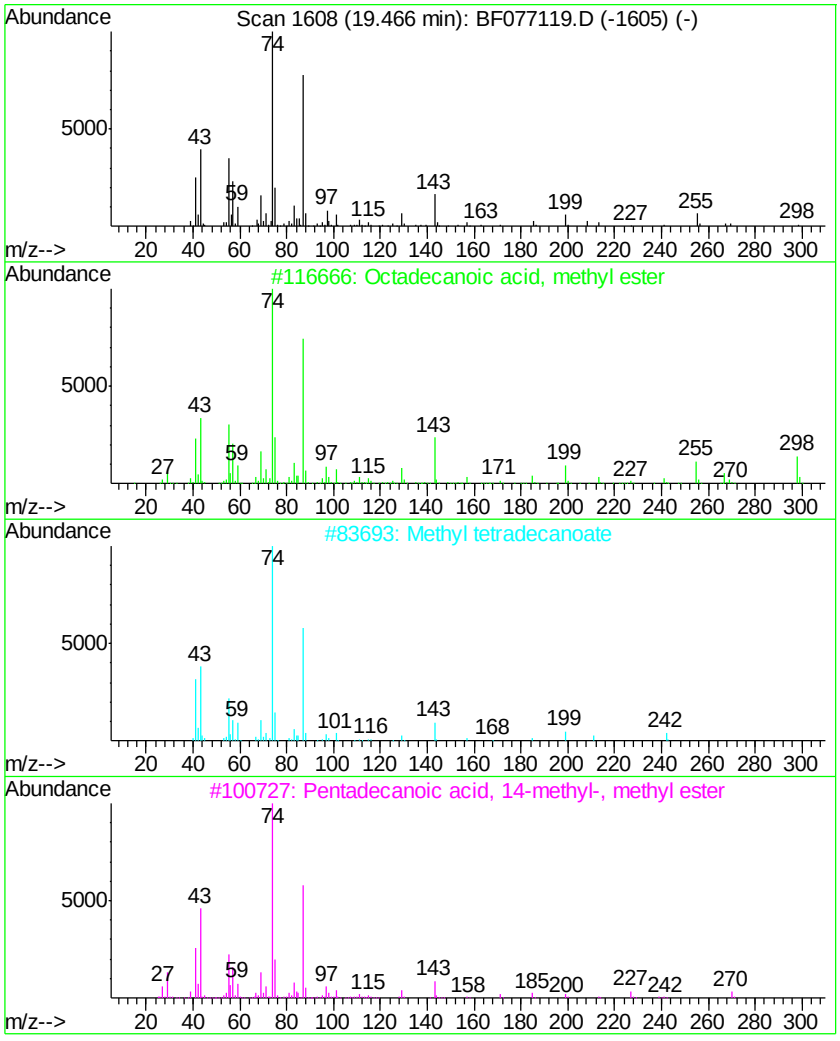
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

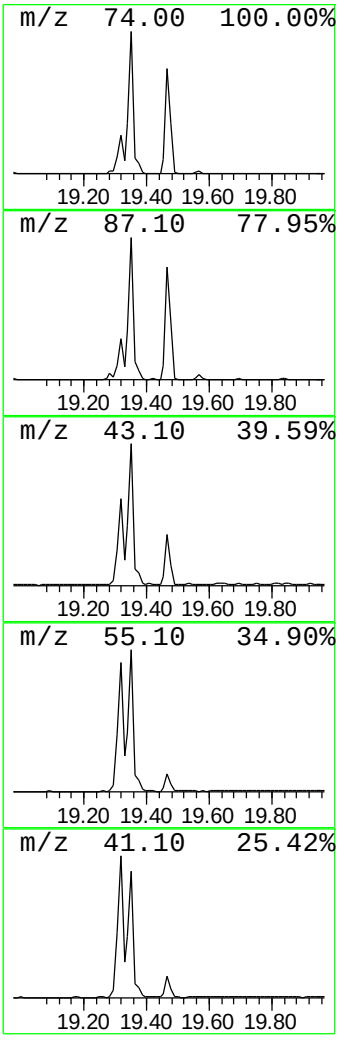
****

Peak Number 7 Octadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	15.26 ng	457577	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	91
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

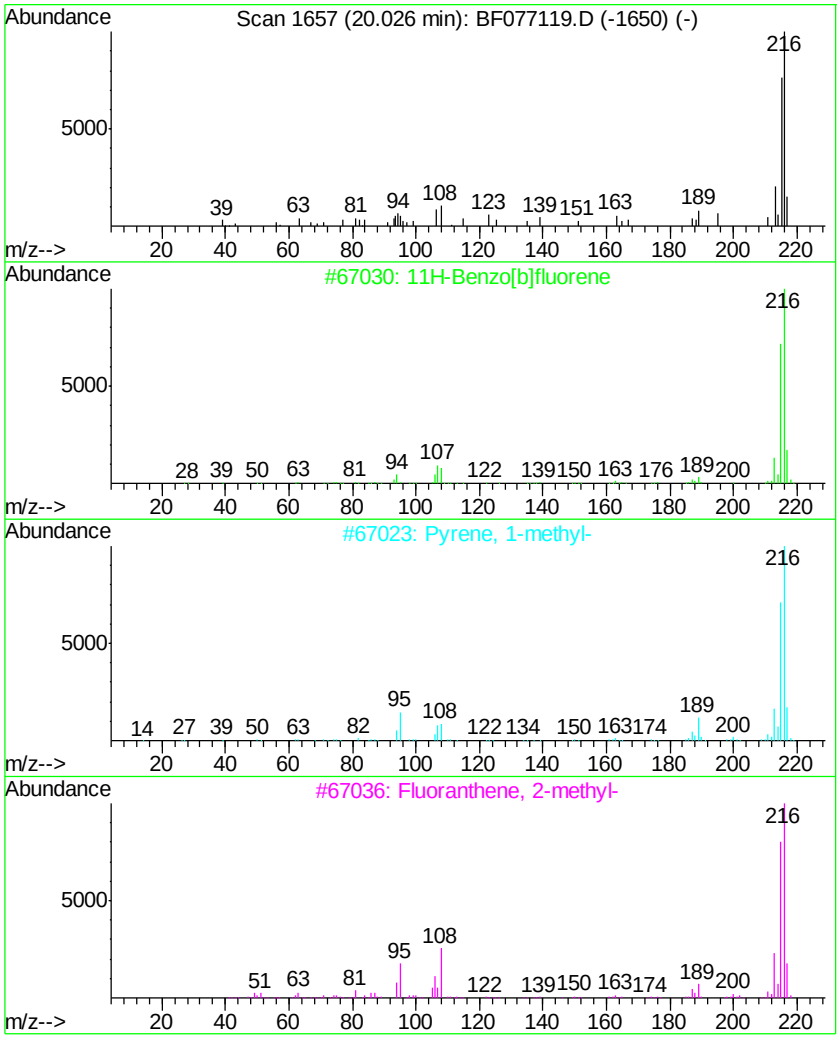
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

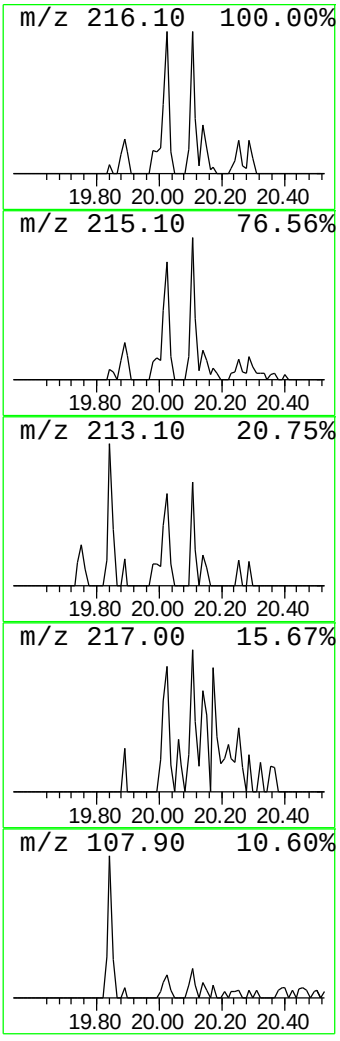
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.11 ng	63184	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

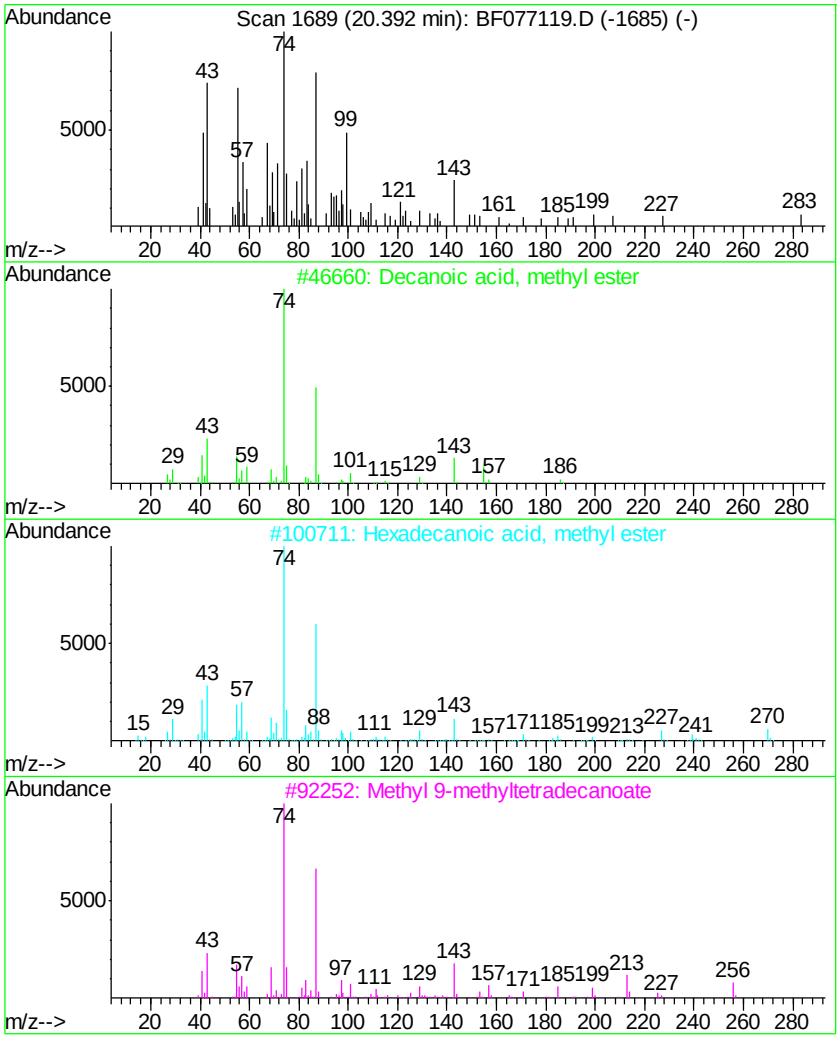
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

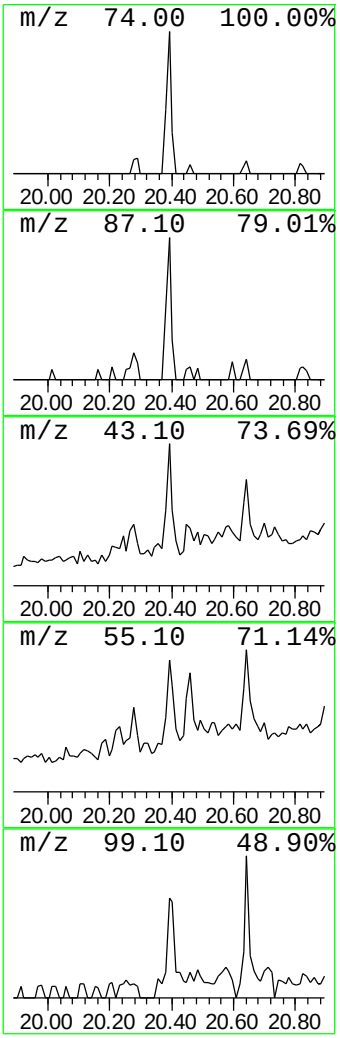
****

Peak Number 9 Decanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	3.91 ng	117420	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	47
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	47
3	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	47
4	9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	47
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

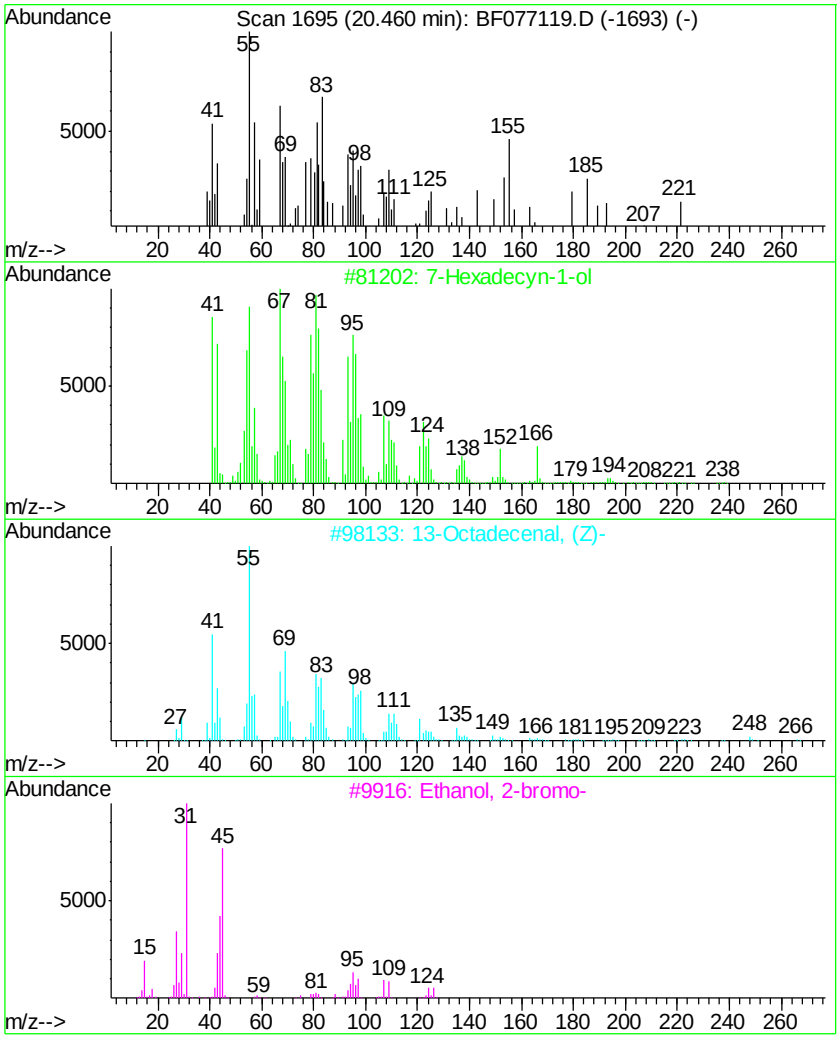
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

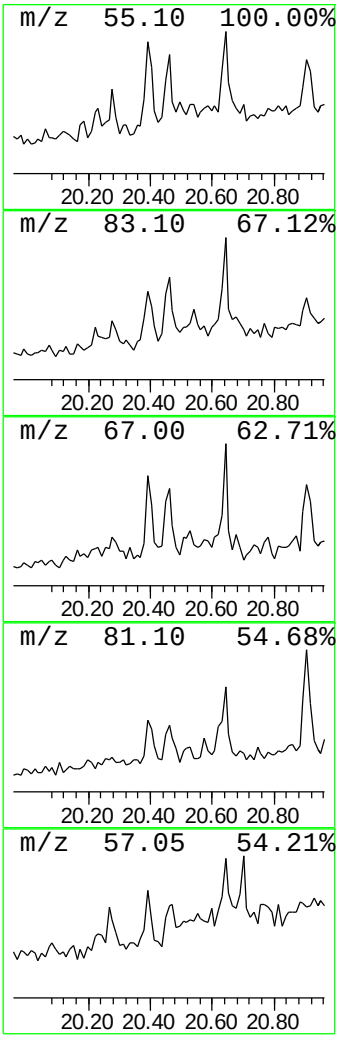
****

Peak Number 10 7-Hexadecyn-1-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	2.87 ng	86052	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecyn-1-ol	238	C16H30O	000822-21-9	14
2	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	14
3	Ethanol, 2-bromo-	124	C2H5BrO	000540-51-2	14
4	9-Azabicyclo[3.3.1]nonan-3-one, ...	155	C8H13NO2	019918-88-8	11
5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	11





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

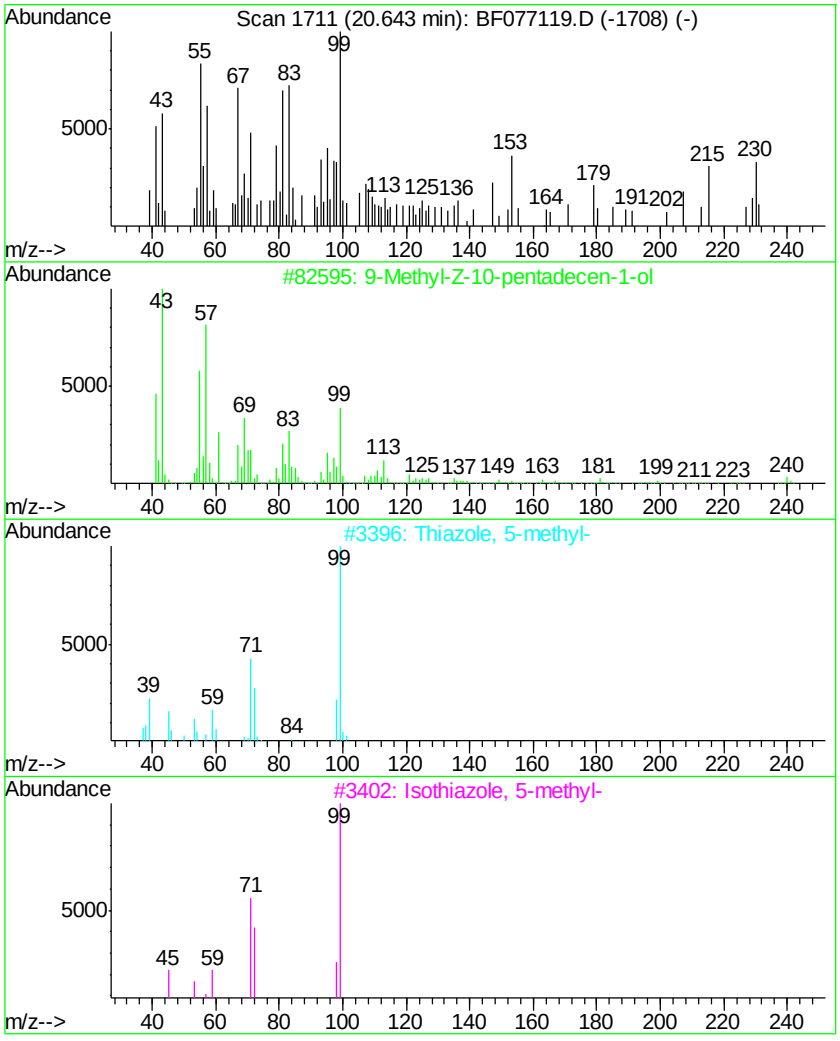
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

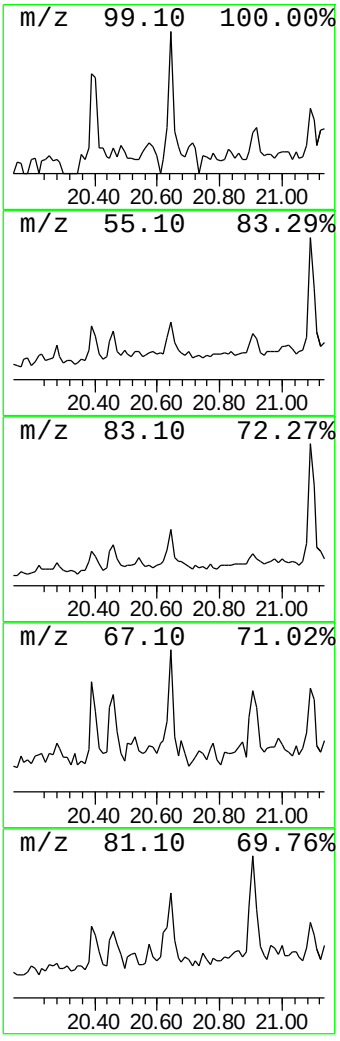
****

Peak Number 11 9-Methyl-Z-10-pentadecen-1-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	3.28 ng	98325	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-Z-10-pentadecen-1-ol	240	C16H32O	1000131-00-7	43
2	Thiazole, 5-methyl-	99	C4H5NS	003581-89-3	25
3	Isothiazole, 5-methyl-	99	C4H5NS	000693-97-0	25
4	Succinimide, N-methoxy-	129	C5H7NO3	005904-50-7	18
5	Spiro[1,3-dioxolane-2,1'(2'H)-na...	226	C13H22O3	073284-93-2	14





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

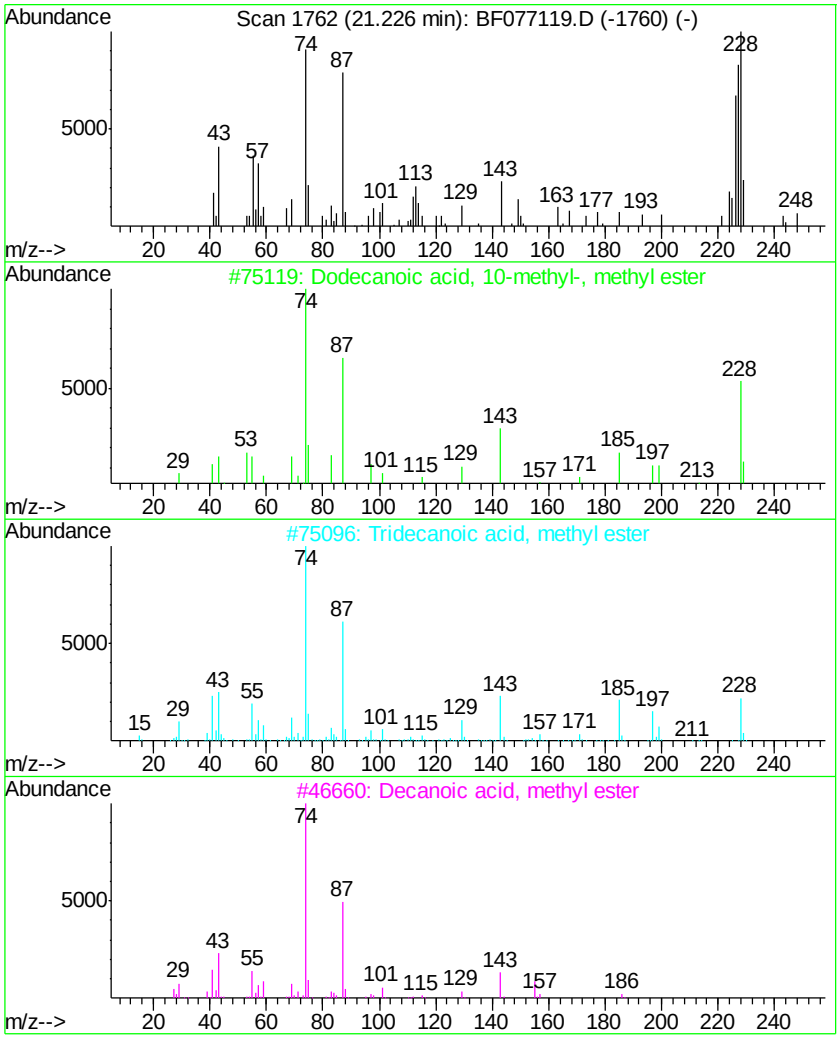
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

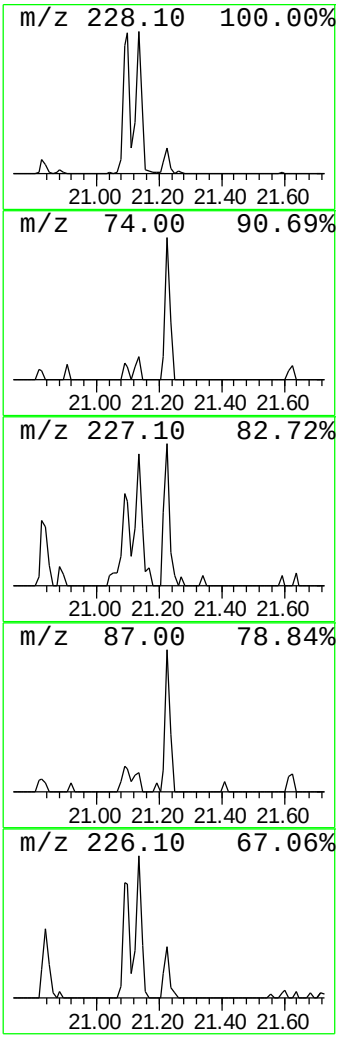
****

Peak Number 13 Dodecanoic acid, 10-methyl-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.33 ng	69880	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	53
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	35
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	27
4	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	27
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077119.D
Acq On : 29 Jan 2015 4:26
Operator : TP/IZ
Sample : G1159-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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
2-Pentanone, 4-hy...	3.78	16.7	ng	132824	1	7.73	159248	20.0
Tridecanoic acid,...	18.43	85.4	ng	1032810	4	17.60	241858	20.0
Undecanoic acid	18.61	4.4	ng	52676	4	17.60	241858	20.0
11-Octadecenoic a...	19.35	76.6	ng	2297030	5	21.10	599864	20.0
Octadecanoic acid...	19.47	15.3	ng	457577	5	21.10	599864	20.0
11H-Benzo[b]fluorene	20.03	2.1	ng	63184	5	21.10	599864	20.0
Decanoic acid, me...	20.39	3.9	ng	117420	5	21.10	599864	20.0
7-Hexadecyn-1-ol	20.46	2.9	ng	86052	5	21.10	599864	20.0
9-Methyl-Z-10-pen...	20.64	3.3	ng	98325	5	21.10	599864	20.0
Dodecanoic acid, ...	21.23	2.3	ng	69880	5	21.10	599864	20.0