LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096019.D
Acq On : 19 Jun 2017 22:13
Operator : SJ/MA
Sample : I3695-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-061417

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-BF060517.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	1.557	10	12	62	rVB	1767999	3750626	100.00%	27.403%
2	5.228	633	636	664	rBV2	64928	267967	7.14%	1.958%
3	6.910	919	922	931	rBV	76039	201564	5.37%	1.473%
4	6.981	931	934	950	rVB	174129	440864	11.75%	3.221%
5	7.304	985	989	1003	rBV	311645	436998	11.65%	3.193%
6	7.545	1026	1030	1046	rBV	171456	284749	7.59%	2.080%
7	8.245	1146	1149	1169	rBV	62418	177990	4.75%	1.300%
8	9.333	1330	1334	1356	rBV	379249	584564	15.59%	4.271%
9	11.116	1633	1637	1649	rBV	321809	421344	11.23%	3.078%
10	11.821	1754	1757	1768	rBV	27121	41325	1.10%	0.302%
11	12.157	1809	1814	1826	rBV2	410884	589186	15.71%	4.305%
12	13.462	2033	2036	2050	rBV2	78503	142077	3.79%	1.038%
13	14.551	2217	2221	2234	rVB	315745	459692	12.26%	3.359%
14	15.351	2351	2357	2362	rBV	664075	752279	20.06%	5.496%
15	16.333	2516	2524	2526	rBV	1734307	2054543	54.78%	15.011%
16	16.362	2526	2529	2532	rVV	1227698	1349894	35.99%	9.862%
17	16.392	2532	2534	2540	rVB2	86052	87129	2.32%	0.637%
18	16.492	2546	2551	2555	rBV	333239	363218	9.68%	2.654%
19	16.927	2621	2625	2633	rVB	259777	273634	7.30%	1.999%
20	17.286	2681	2686	2689	rVV4	30020	47331	1.26%	0.346%
21	17.350	2692	2697	2703	rVB4	36368	63377	1.69%	0.463%
22	17.592	2734	2738	2743	rBV2	55515	66910	1.78%	0.489%
23	18.274	2850	2854	2860	rBV	314399	421159	11.23%	3.077%
24	19.950	3135	3139	3147	rBV	283928	369666	9.86%	2.701%
25	20.380	3210	3212	3216	rVB2	37718	39067	1.04%	0.285%

Sum of corrected areas: 13687153

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096019.D
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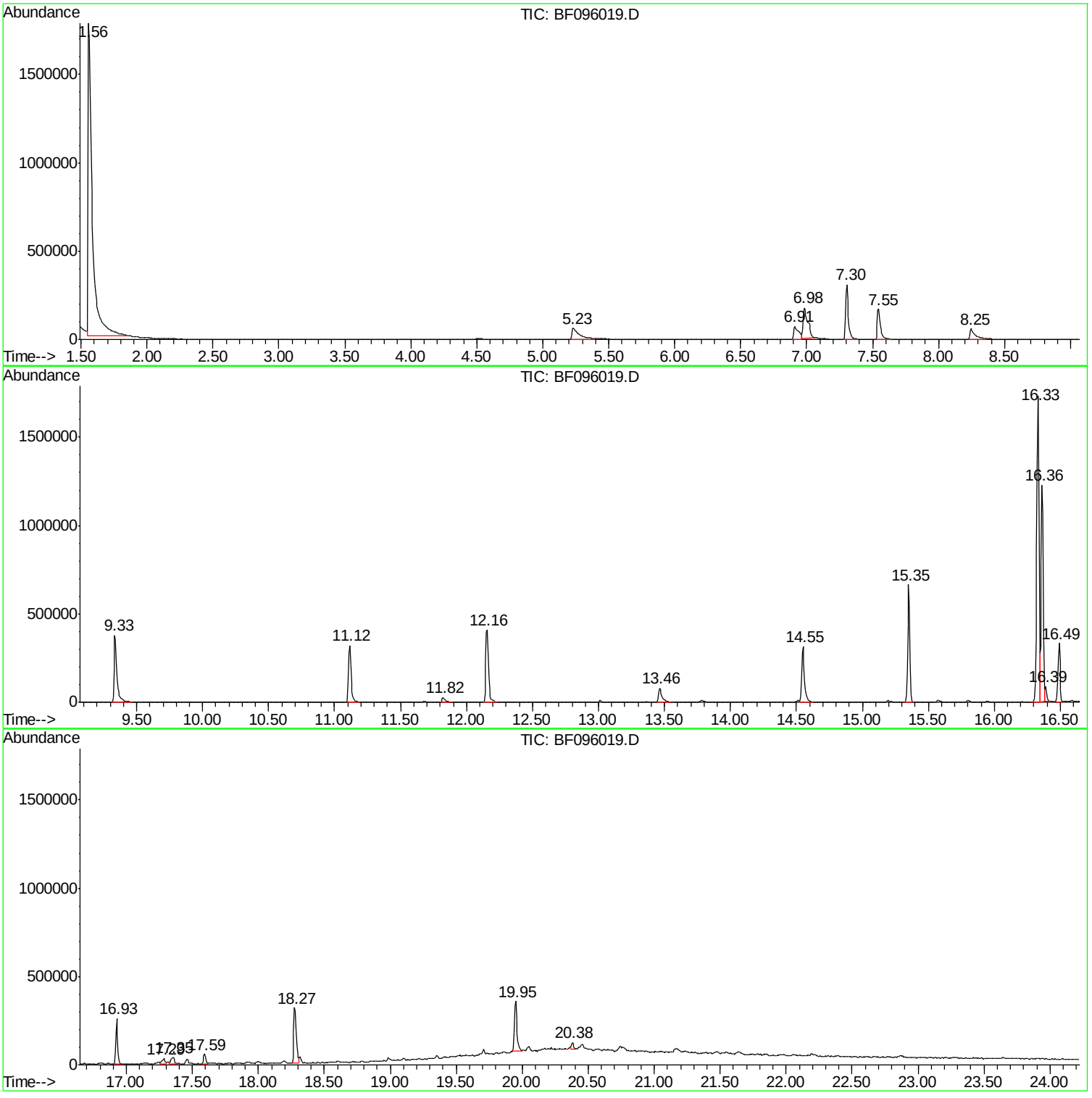
Operator : SJ/MA
Sample : I3695-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-061417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
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Sample : I3695-01 5X
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TIC Library : C:\DATABASE\NIST11.L
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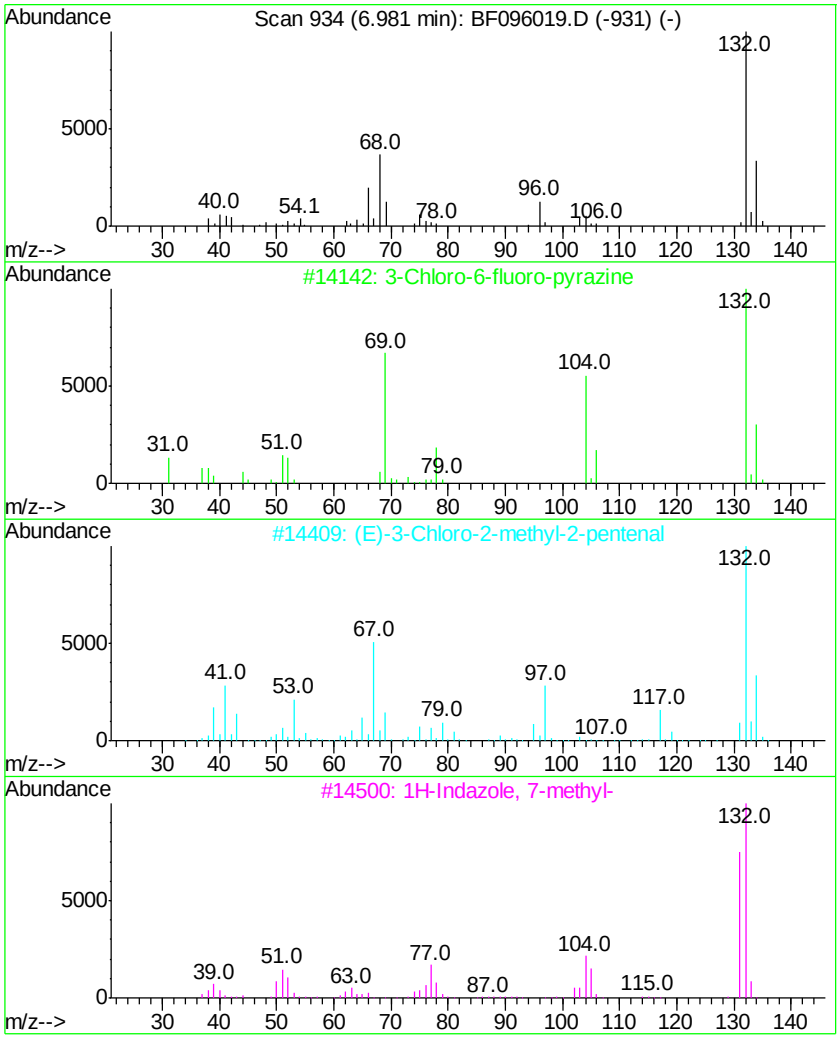
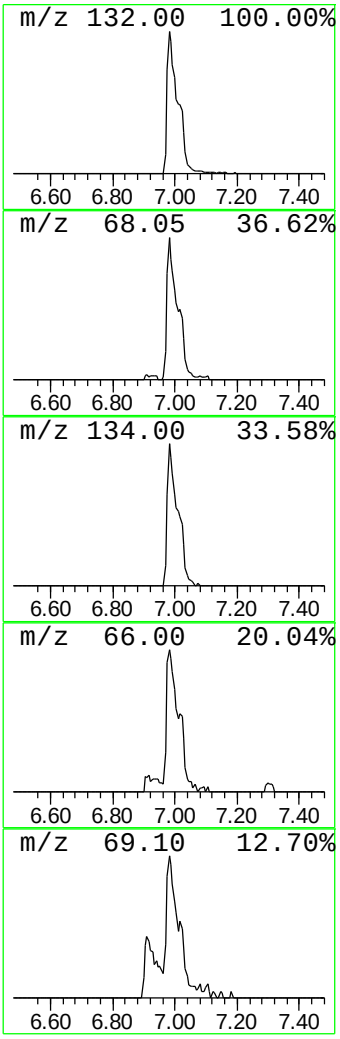
****

Peak Number 2 unknown6.98 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	20.18 ng	440864	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Instrument : BNA_F
ClientSampleId : BU-02-061417

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TIC Integration Parameters: LSCINT.P

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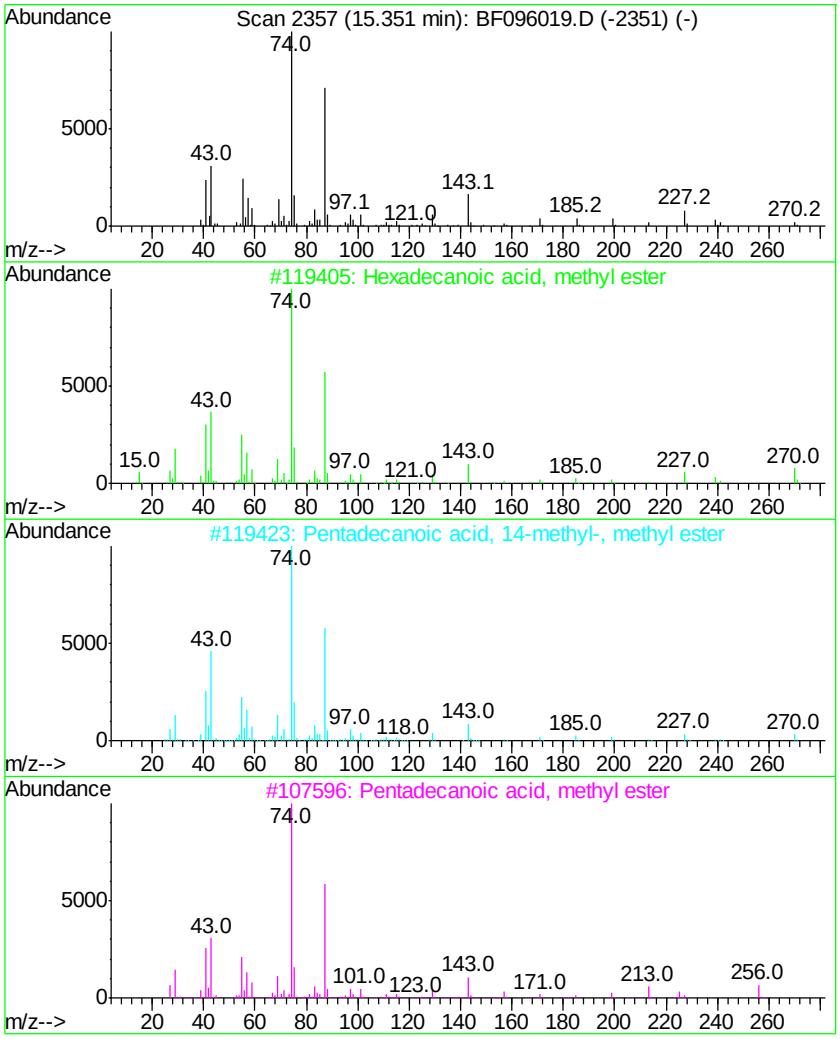
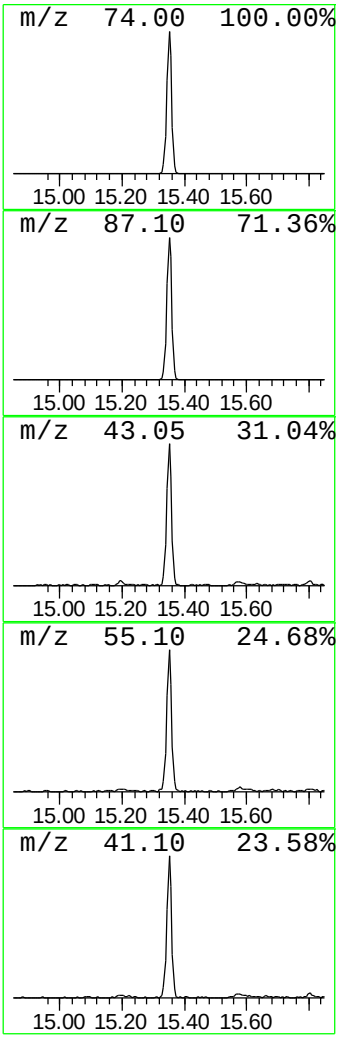
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	32.73 ng	752279	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096019.D
Acq On : 19 Jun 2017 22:13
Operator : SJ/MA
Sample : I3695-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-061417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

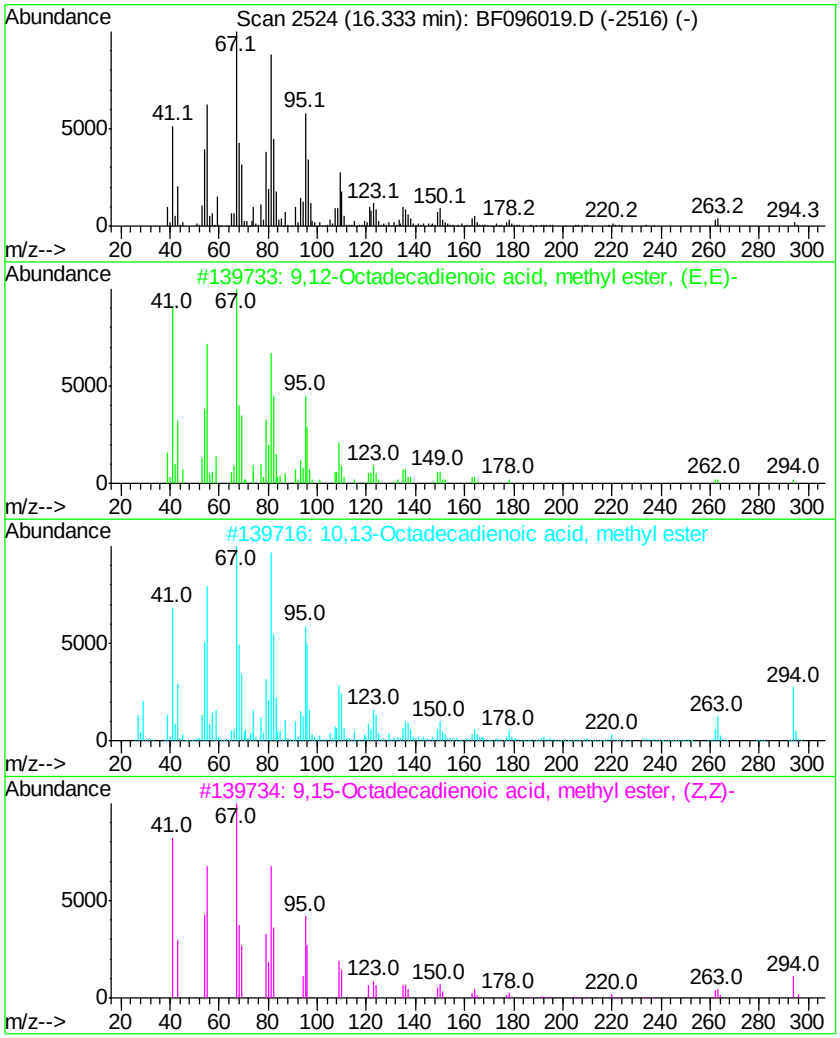
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

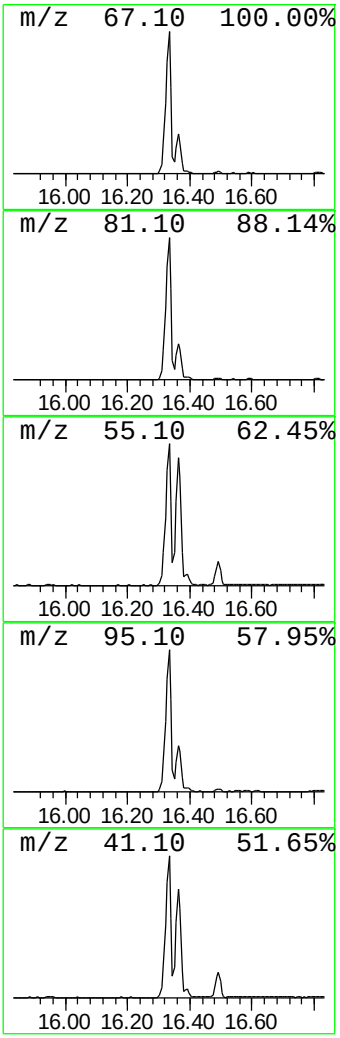
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	89.39 ng	2054540	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





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Sample : I3695-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-061417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

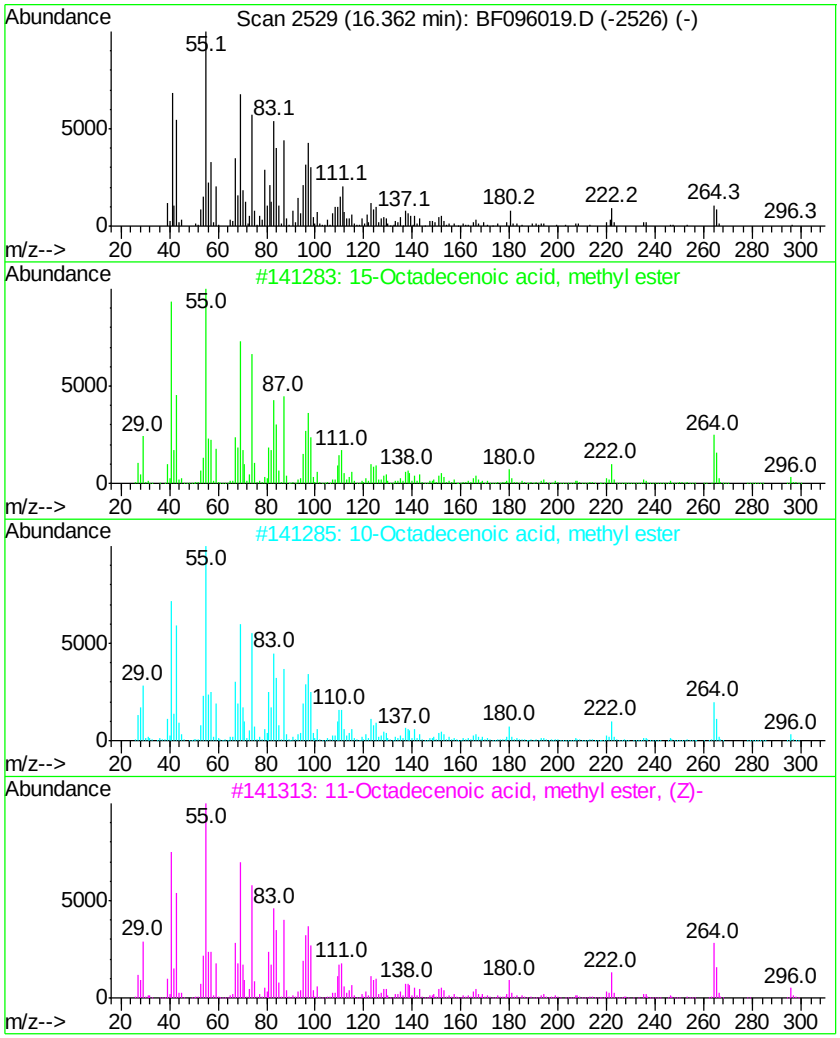
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

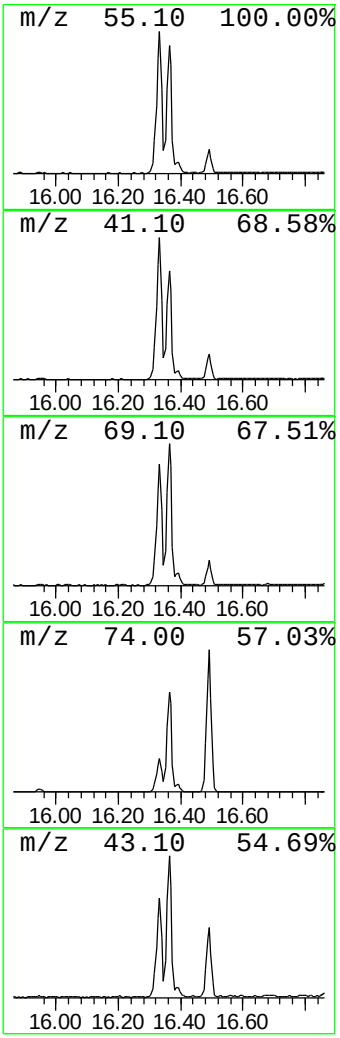
****

Peak Number 6 15-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	58.73 ng	1349890	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	98
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	98





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
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Acq On : 19 Jun 2017 22:13
Operator : SJ/MA
Sample : I3695-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : BU-02-061417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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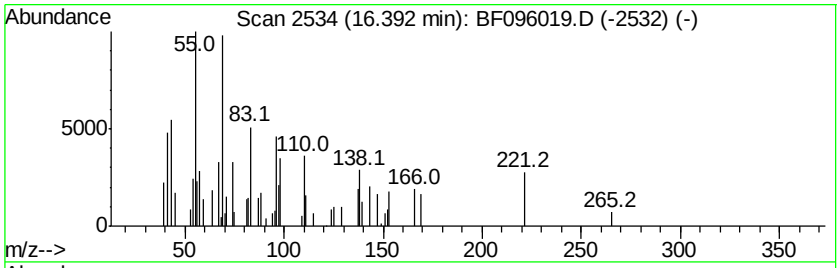
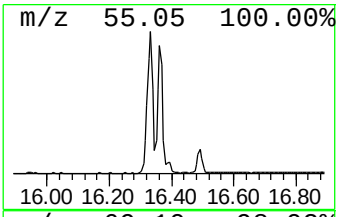
****

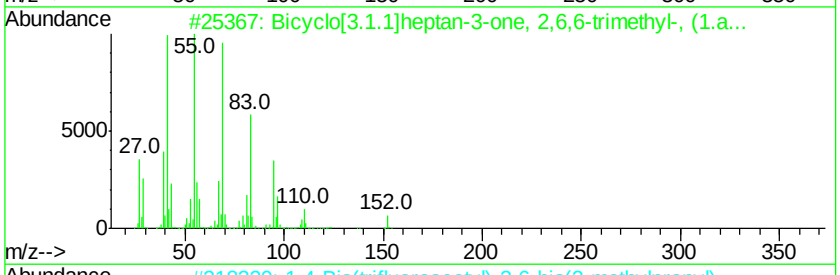
Peak Number 7 unknown16.39 Concentration Rank 8

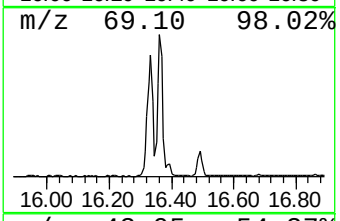
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	3.79 ng	87129	Phenanthrene-d10	14.55

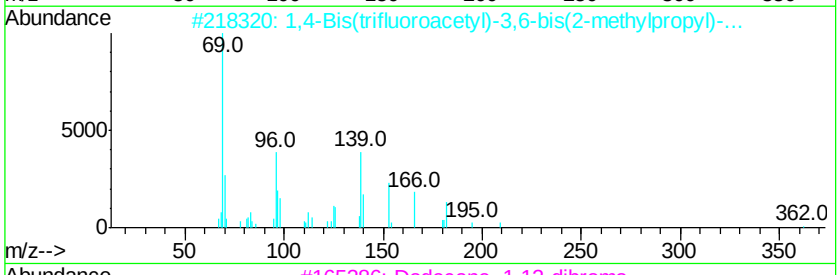
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
2	1,4-Bis(trifluoroacetyl)-3,6-bis...	418	C16H20F6N2O4	1000281-06-5	38
3	Dodecane, 1,12-dibromo-	326	C12H24Br2	003344-70-5	35
4	4,8-Dimethyl-nona-3,8-dien-2-one	166	C11H18O	1000190-70-5	35
5	1,2,3-Undecanetriol	204	C11H24O3	100537-15-3	35

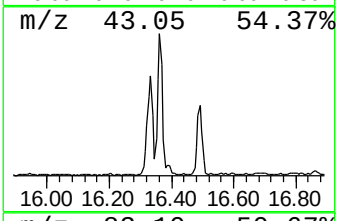


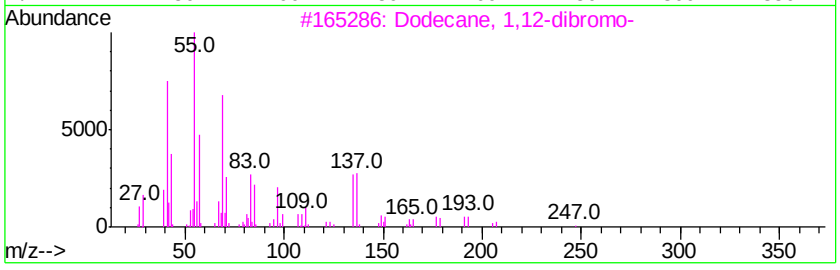


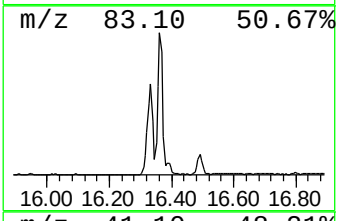


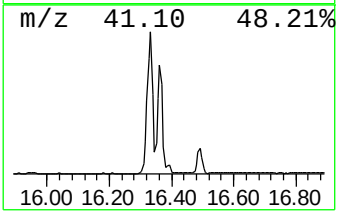












Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : BU-02-061417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

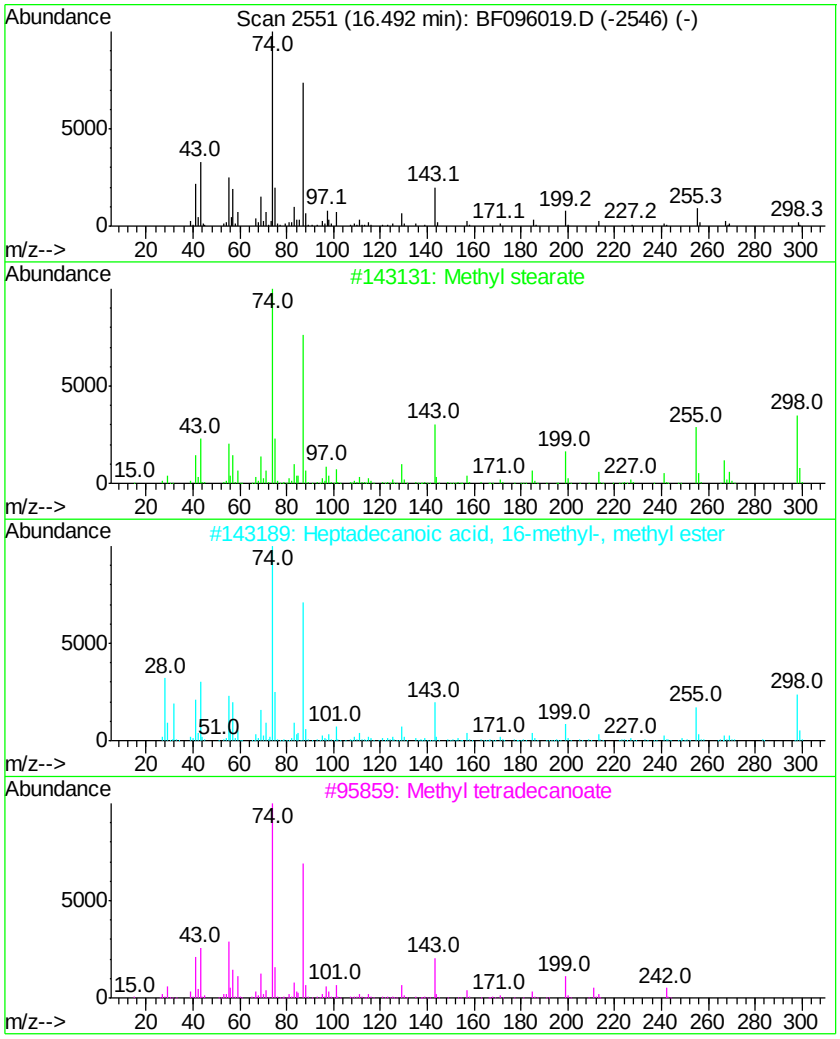
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

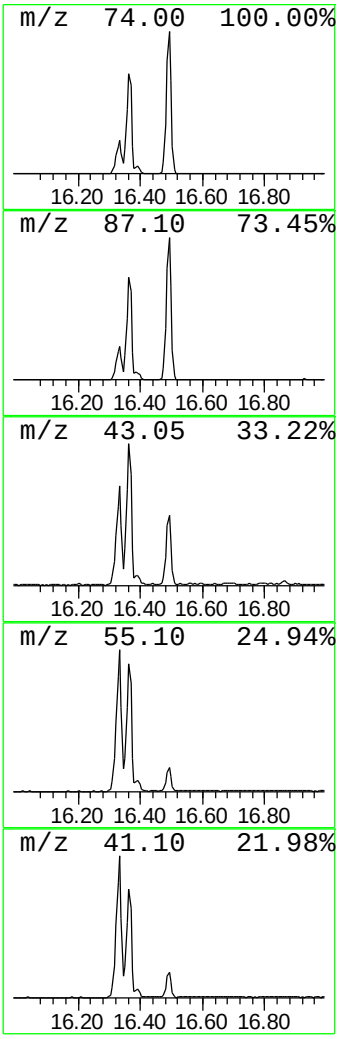
****

Peak Number 8 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	17.25 ng	363218	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91





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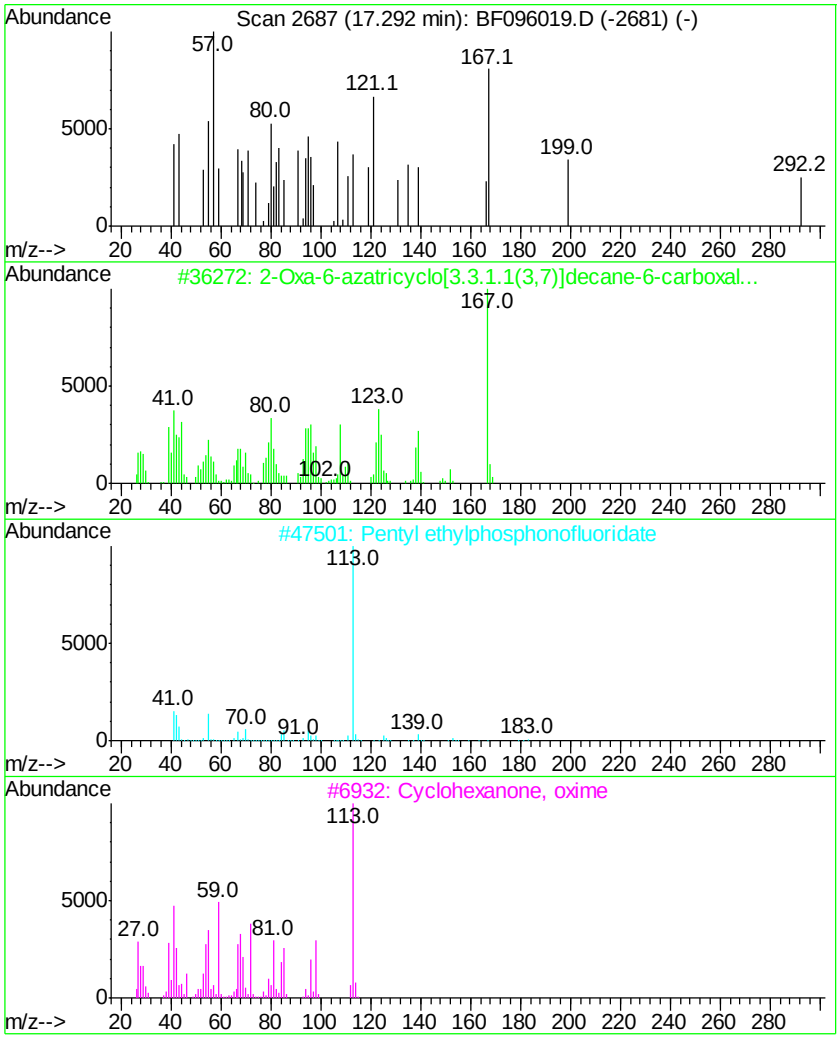
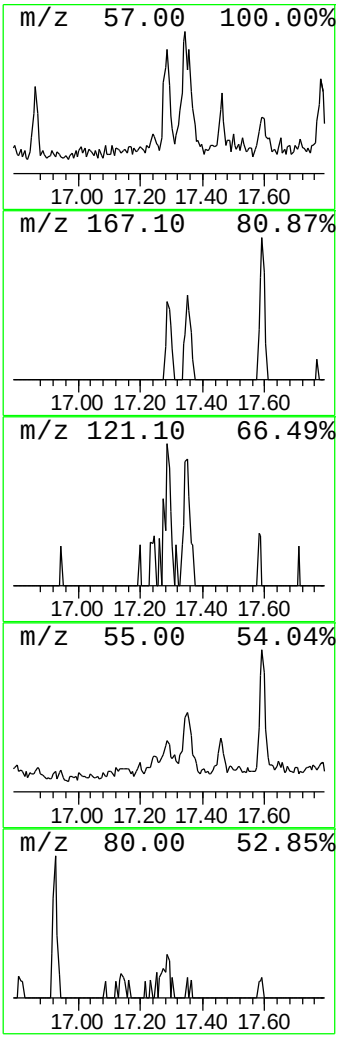
****

Peak Number 9 unknown17.29 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.25 ng	47331	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxa-6-azatricyclo[3.3.1.1(3,7)...	167	C9H13NO2	050267-24-8	18
2	Pentyl ethylphosphonofluoridate	182	C7H16FO2P	162085-84-9	14
3	Cyclohexanone, oxime	113	C6H11NO	000100-64-1	11
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	167	C10H17NO	002792-42-9	10
5	1,3-Benzenediamine, 2-methyl-5-n...	167	C7H9N3O2	059229-75-3	10





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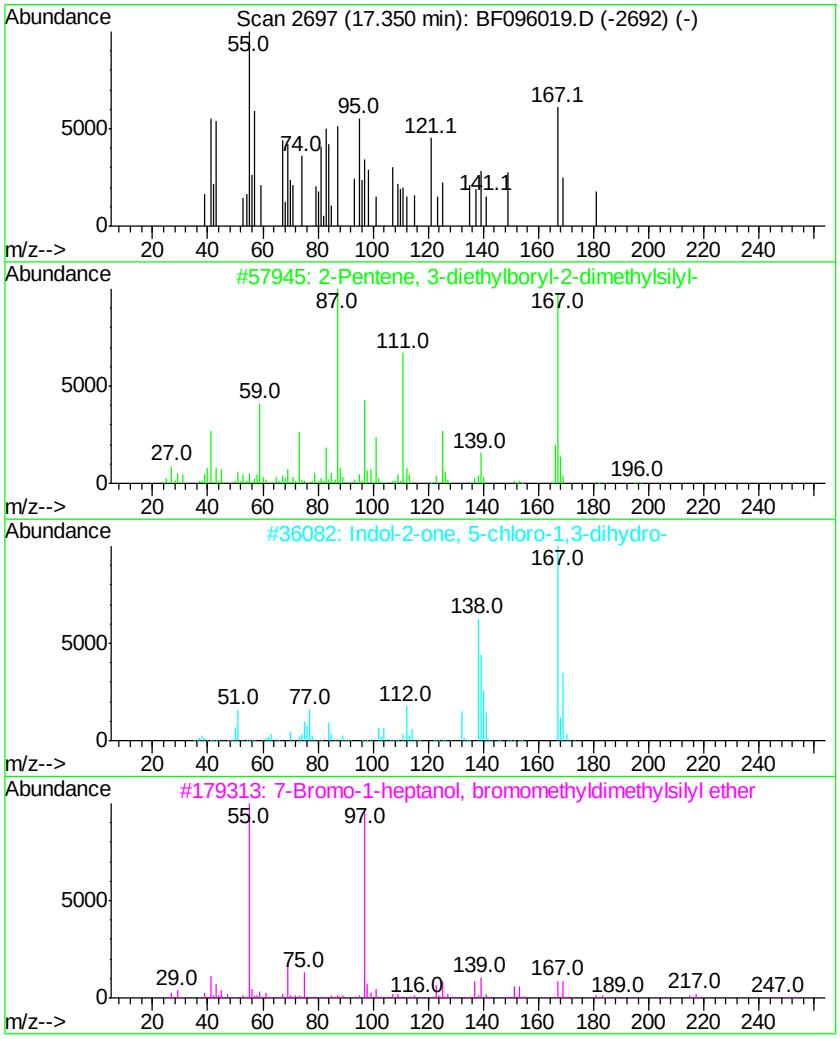
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

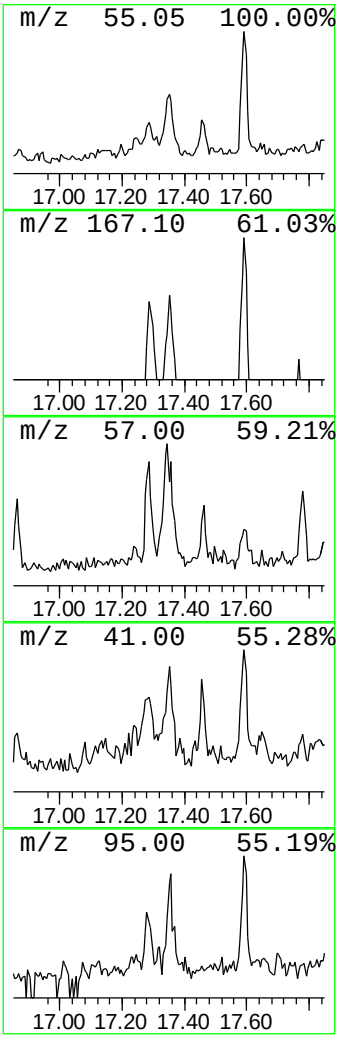
****

Peak Number 10 unknown17.35 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	3.01 ng	63377	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-diethylborvl-2-dime...	196	C11H25BSi	1000156-34-7	16
2	Indol-2-one, 5-chloro-1,3-dihydro-	167	C8H6ClNO	017630-75-0	14
3	7-Bromo-1-heptanol, bromomethyld...	344	C10H22Br2OSi	1000376-04-8	12
4	10-Undecenoyl chloride	202	C11H19ClO	038460-95-6	12
5	3-Formyl-1-ethyl-2(1H)-pyridinet...	167	C8H9NOS	1000306-47-4	11





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Sample : I3695-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-061417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

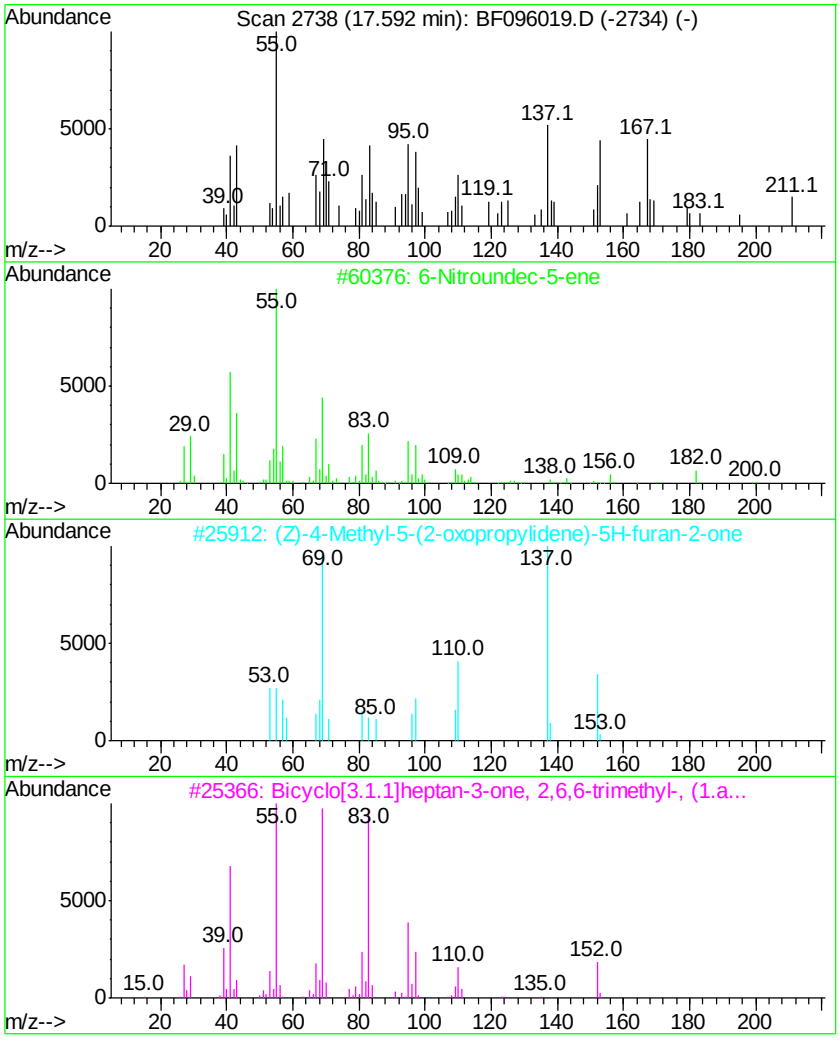
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

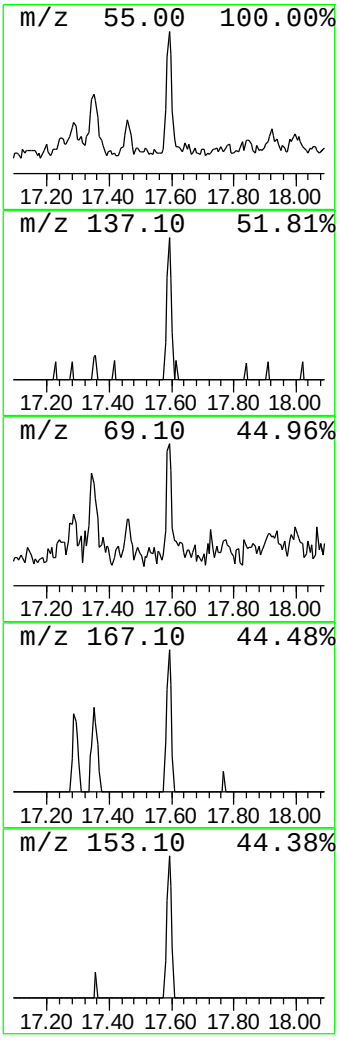
****

Peak Number 11 unknown17.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	3.18 ng	66910	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	22
2	(Z)-4-Methyl-5-(2-oxopropylidene...	152	C8H8O3	026474-45-3	18
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	14
4	3-Hexen-2-one, 3-cyclohexyl-4-et...	208	C14H24O	1000150-19-1	14
5	4(1H)-Oxopyridine-1-carboxylic a...	167	C8H9NO3	057330-83-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096019.D
Acq On : 19 Jun 2017 22:13
Operator : SJ/MA
Sample : I3695-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-061417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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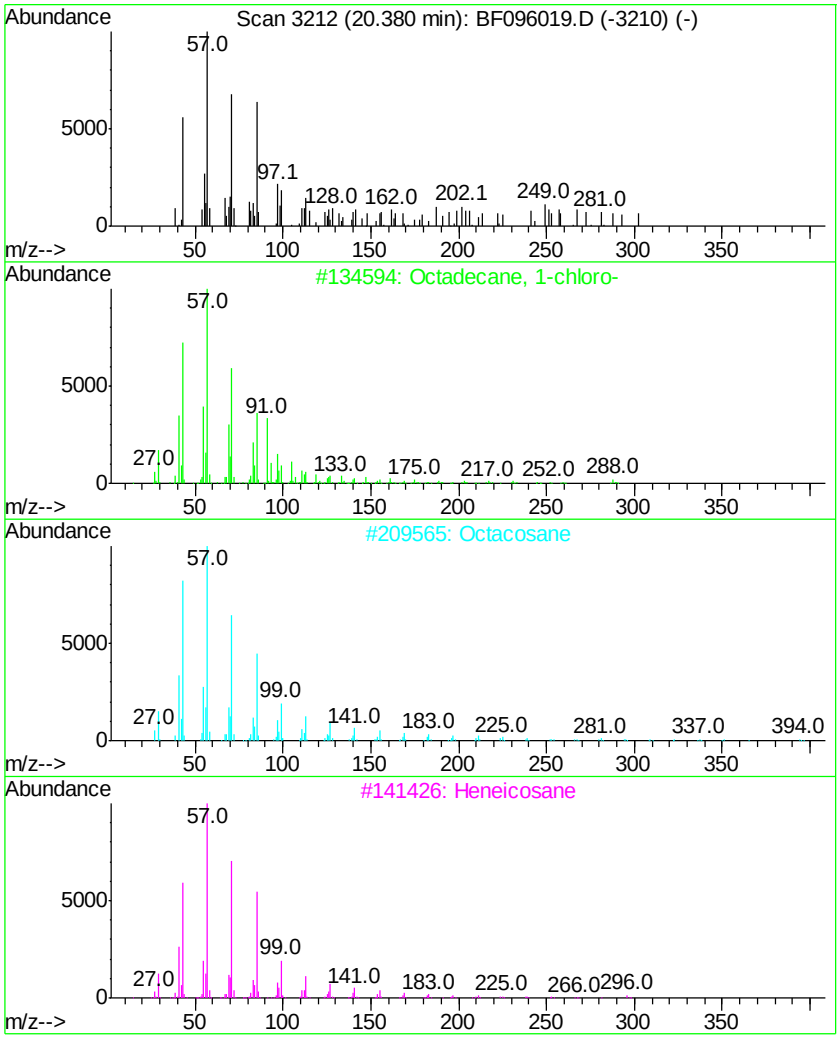
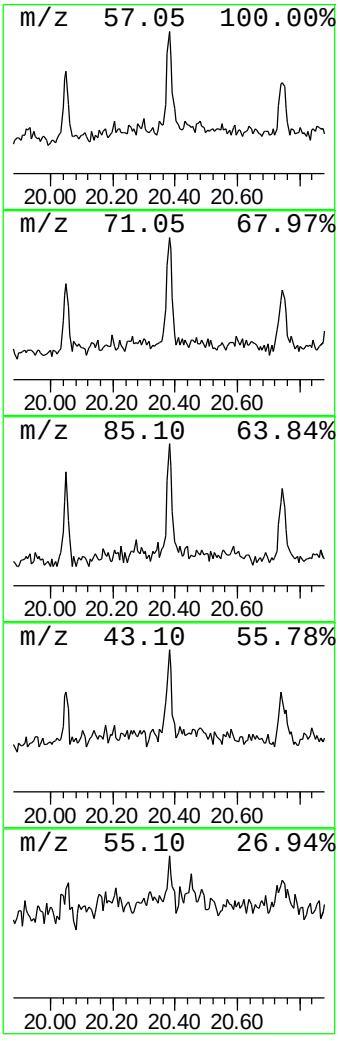
Peak Number 12 Octadecane, 1-chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.11 ng	39067	Perylene-d12	19.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	68
2	Octacosane	394	C28H58	000630-02-4	50
3	Heneicosane	296	C21H44	000629-94-7	49
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	49
5	9-methylheptadecane	254	C18H38	026741-18-4	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096019.D
Acq On : 19 Jun 2017 22:13
Operator : SJ/MA
Sample : I3695-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-061417

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown6.98	6.98	20.2	ng	440864	1	7.30	436998	20.0
Hexadecanoic acid...	15.35	32.7	ng	752279	4	14.55	459692	20.0
9,12-Octadecadien...	16.33	89.4	ng	2054540	4	14.55	459692	20.0
15-Octadecenoic a...	16.36	58.7	ng	1349890	4	14.55	459692	20.0
unknown16.39	16.39	3.8	ng	87129	4	14.55	459692	20.0
Methyl stearate	16.49	17.3	ng	363218	5	18.27	421159	20.0
unknown17.29	17.29	2.3	ng	47331	5	18.27	421159	20.0
unknown17.35	17.35	3.0	ng	63377	5	18.27	421159	20.0
unknown17.59	17.59	3.2	ng	66910	5	18.27	421159	20.0
Octadecane, 1-chl...	20.38	2.1	ng	39067	6	19.95	369666	20.0