LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101494.D
Acq On : 18 Dec 2017 21:24
Operator : SJ/JU
Sample : I6911-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SL-TRANSFORMERS

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-BF121417.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	3.498	235	240	254	rBV	130647	253772	3.22%	0.847%
2	4.422	388	397	400	rBV	4151994	7892350	100.00%	26.330%
3	5.051	495	504	507	rBV	3053930	5959385	75.51%	19.881%
4	5.445	568	571	590	rBV	132391	230634	2.92%	0.769%
5	6.445	738	741	761	rBV	924780	1281518	16.24%	4.275%
6	6.580	761	764	770	rVV	460713	420815	5.33%	1.404%
7	6.810	799	803	811	rBV	900051	823811	10.44%	2.748%
8	6.963	825	829	844	rBV	2256903	2117094	26.82%	7.063%
9	7.145	857	860	868	rBV	120382	147882	1.87%	0.493%
10	7.375	895	899	917	rBV	1490328	1604298	20.33%	5.352%
11	8.092	1017	1021	1033	rBV	1047793	1011956	12.82%	3.376%
12	9.163	1199	1203	1213	rBV	2716536	2710745	34.35%	9.043%
13	9.563	1266	1271	1278	rBV	164412	174283	2.21%	0.581%
14	9.845	1316	1319	1333	rVB	881301	908973	11.52%	3.032%
15	10.739	1467	1471	1480	rBV	75343	90295	1.14%	0.301%
16	11.339	1569	1573	1582	rBV	789737	769466	9.75%	2.567%
17	12.921	1838	1842	1850	rBV	2075369	1890503	23.95%	6.307%
18	13.809	1989	1993	1999	rBV	121234	176827	2.24%	0.590%
19	13.992	2020	2024	2033	rBV	754780	810996	10.28%	2.706%
20	15.462	2270	2274	2284	rVB	520687	699067	8.86%	2.332%

Sum of corrected areas: 29974670

LSC Report - Integrated Chromatogram

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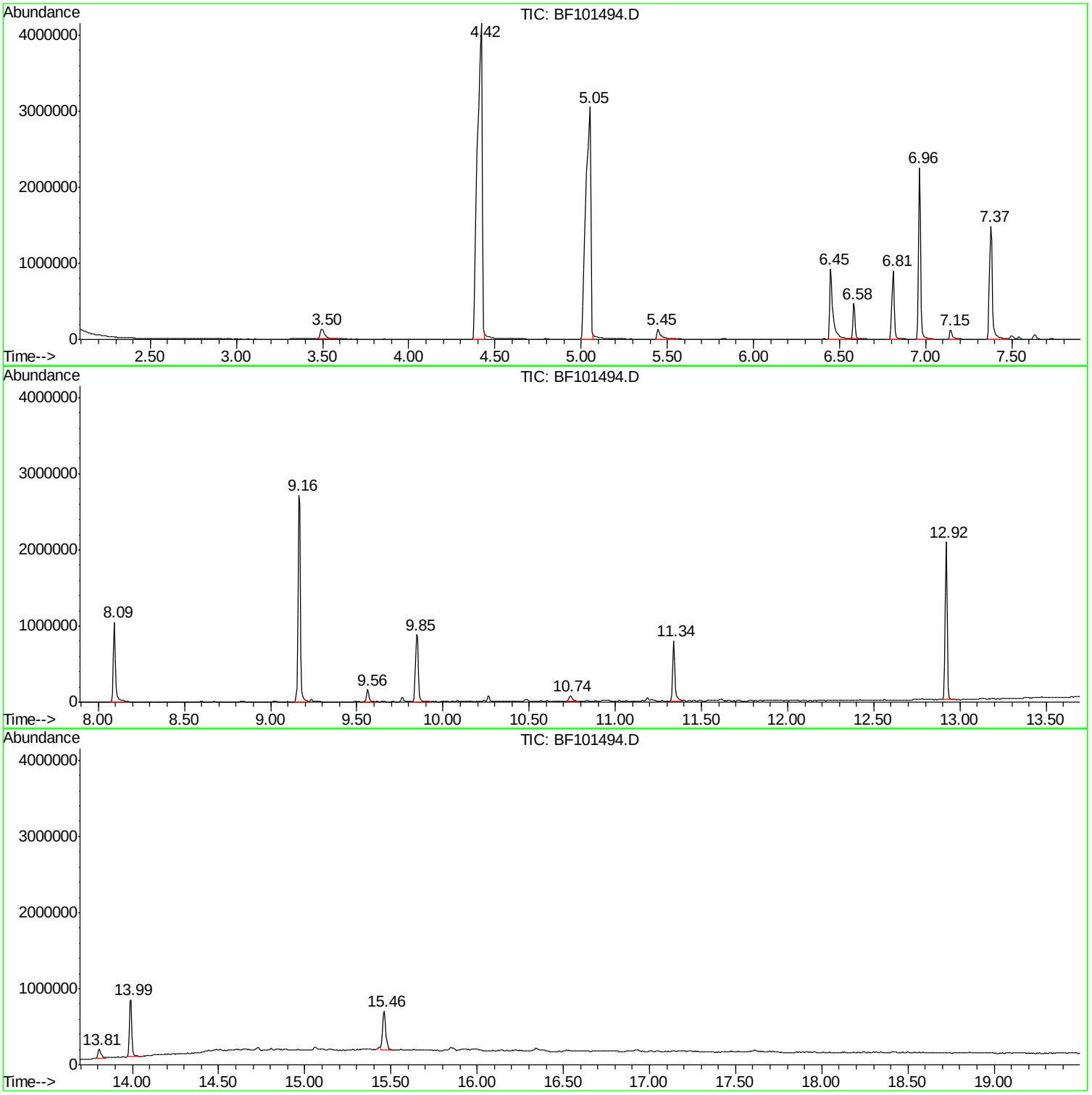
BNA_F
ClientSampleId :
SL-TRANSFORMERS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BF101494.D
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Operator : SJ/JU
Sample : I6911-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

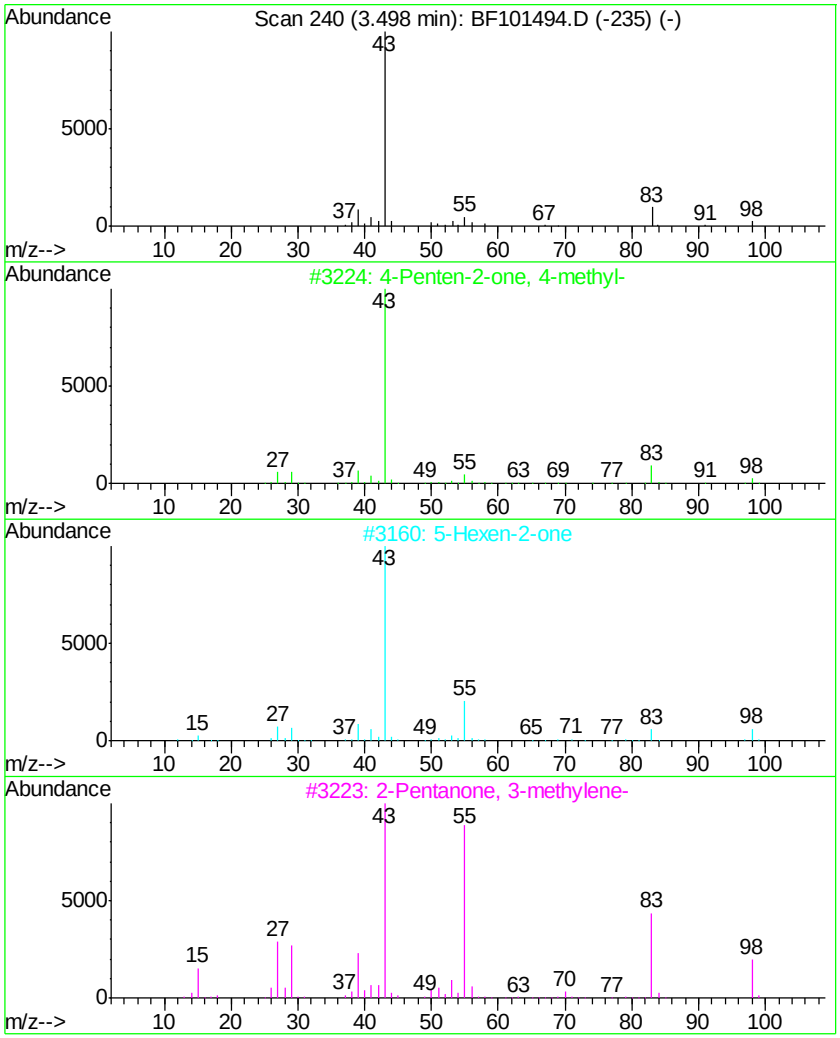
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

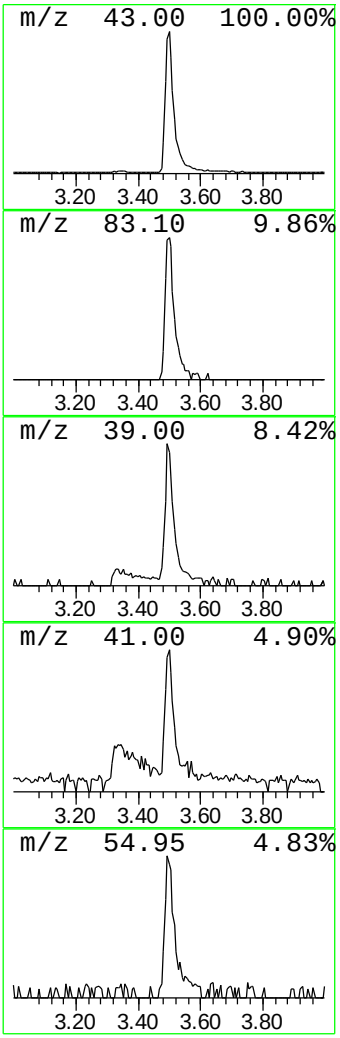
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	6.16 ng	253772	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	38
3	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	9
4	4-Hexen-2-one	98	C6H10O	025659-22-7	9
5	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9





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Sample : I6911-01
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

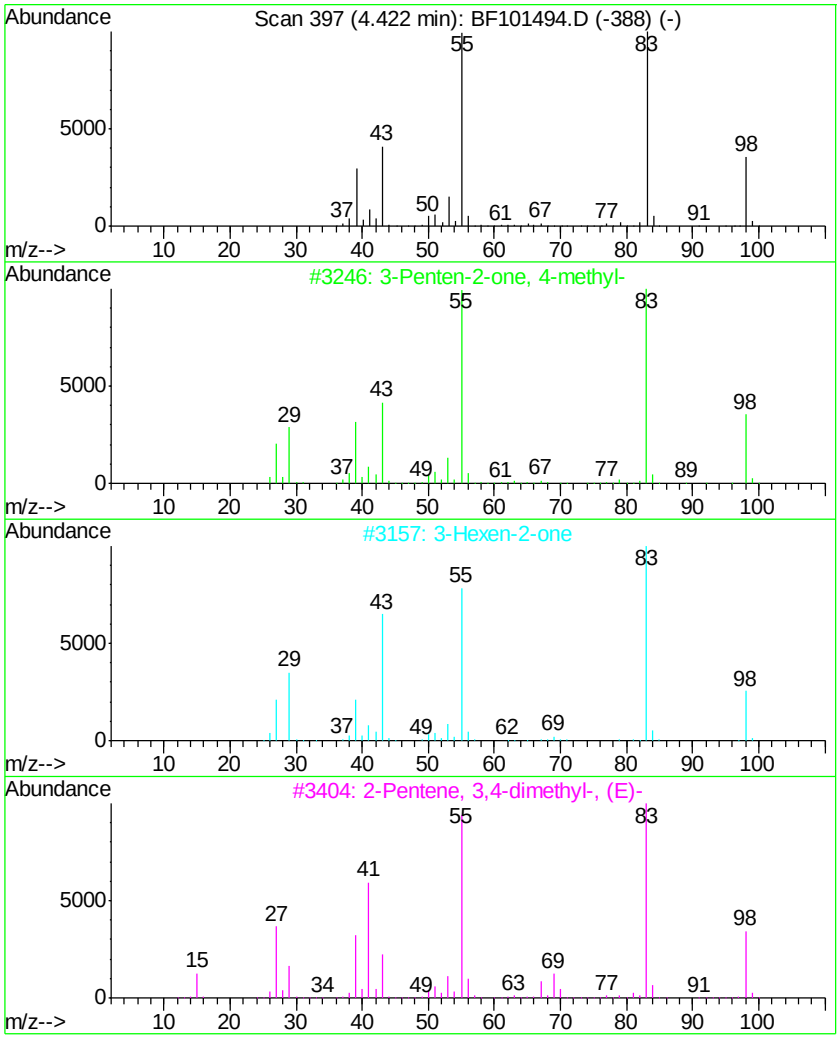
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

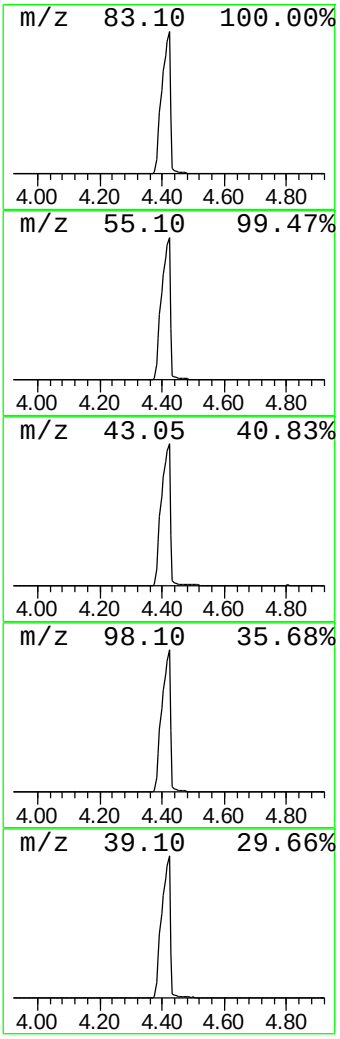
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	191.61 ng	7892350	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Library Search Compound Report

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Data File : BF101494.D
Acq On : 18 Dec 2017 21:24
Operator : SJ/JU
Sample : I6911-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SL-TRANSFORMERS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

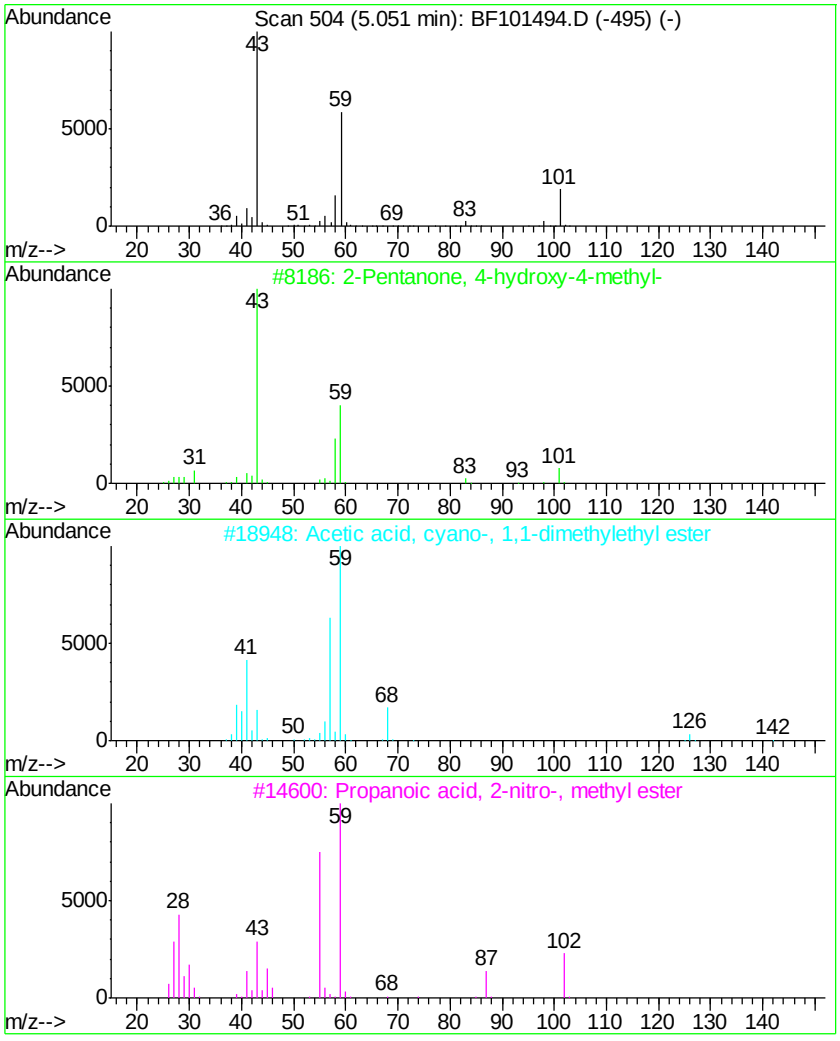
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

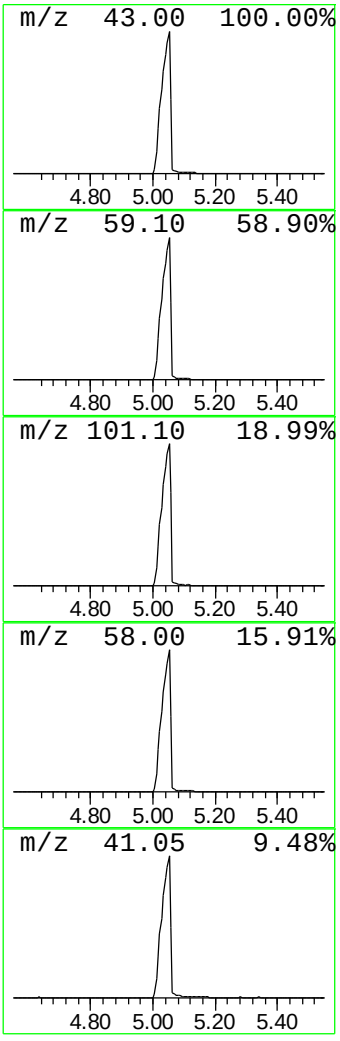
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	144.68 ng	5959390	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





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Sample : I6911-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
SL-TRANSFORMERS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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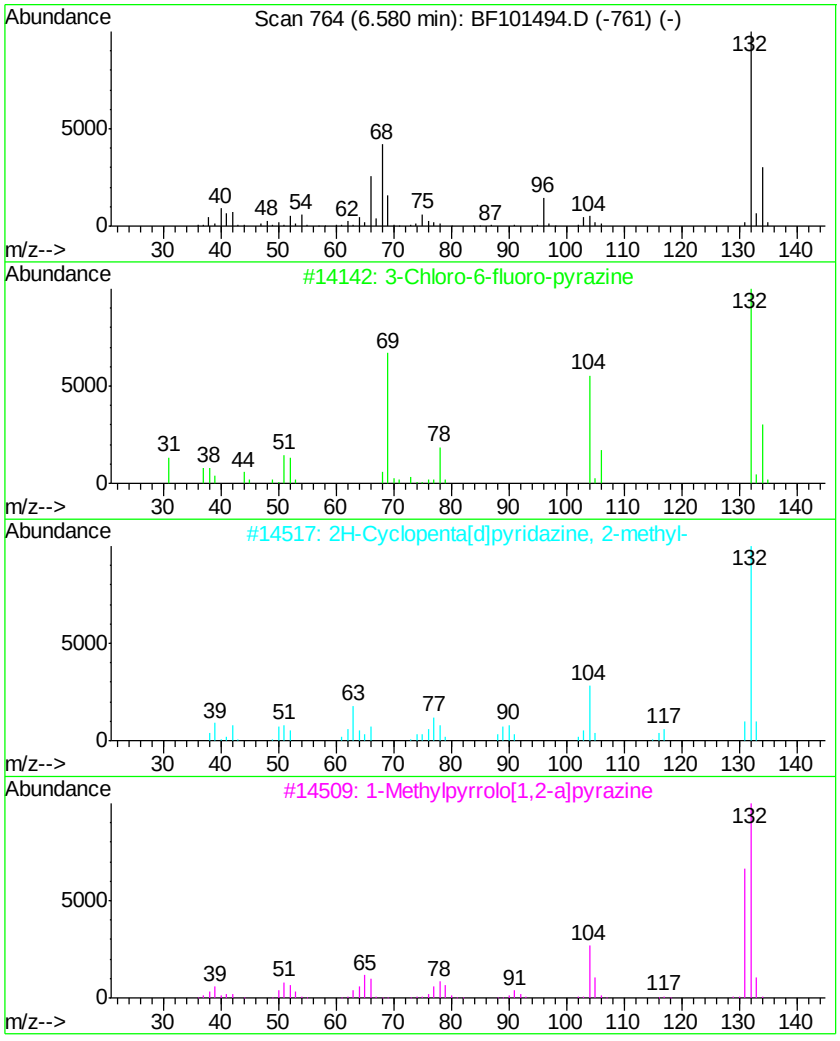
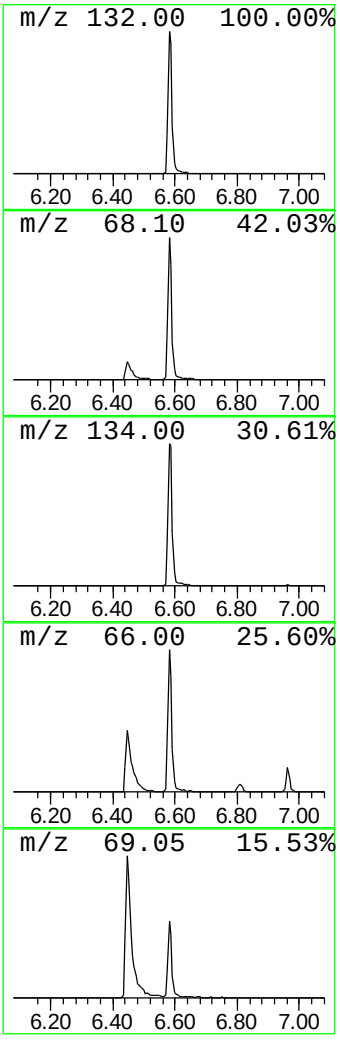
****

Peak Number 4 unknown6.58 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	10.22 ng	420815	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : I6911-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
SL-TRANSFORMERS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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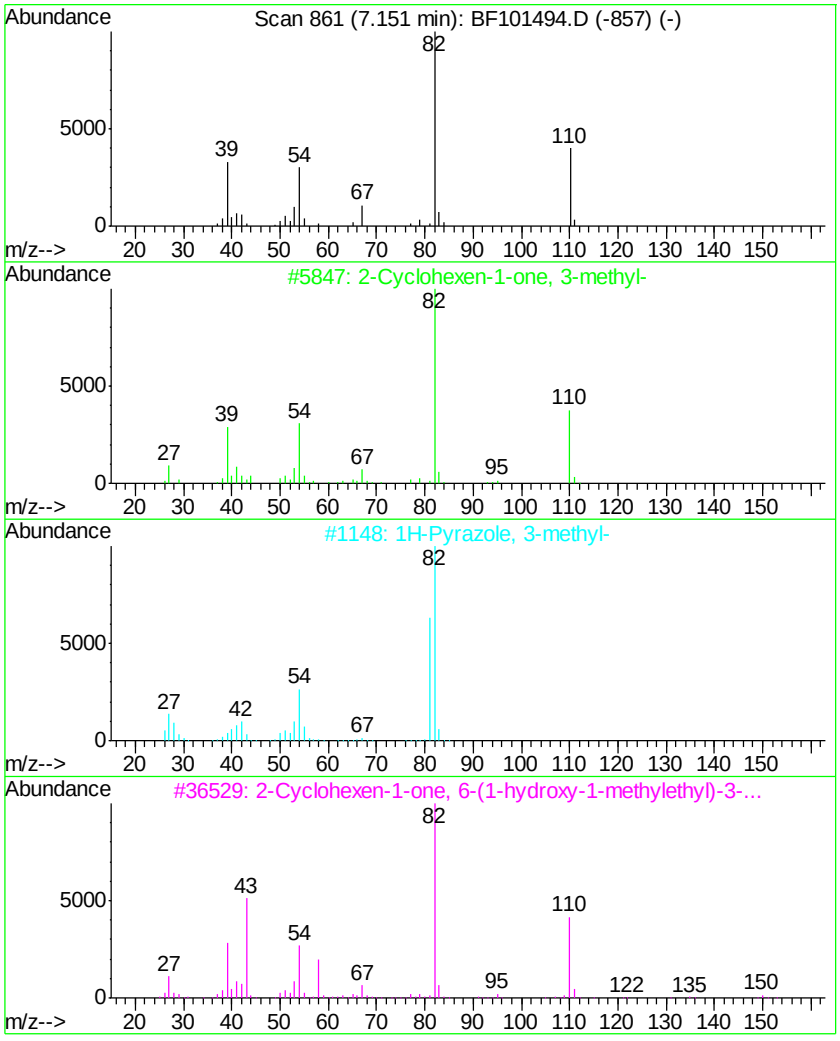
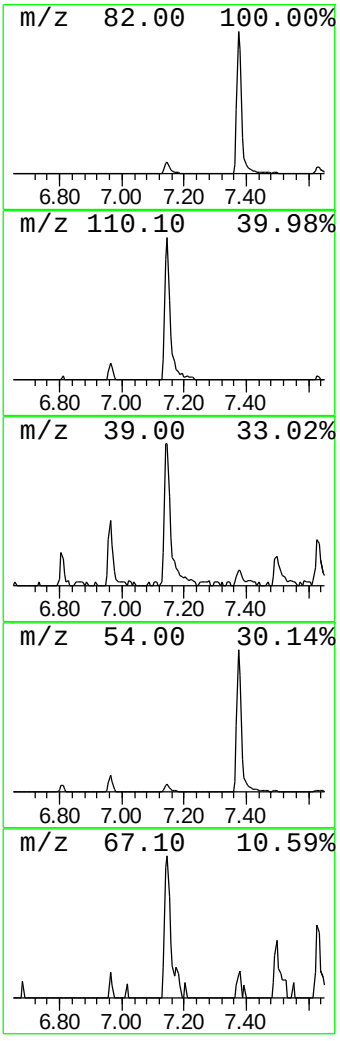
****

Peak Number 6 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	3.59 ng	147882	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	50
3	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	43
4	2-Cyclopenten-1-one	82	C5H6O	000930-30-3	38
5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38





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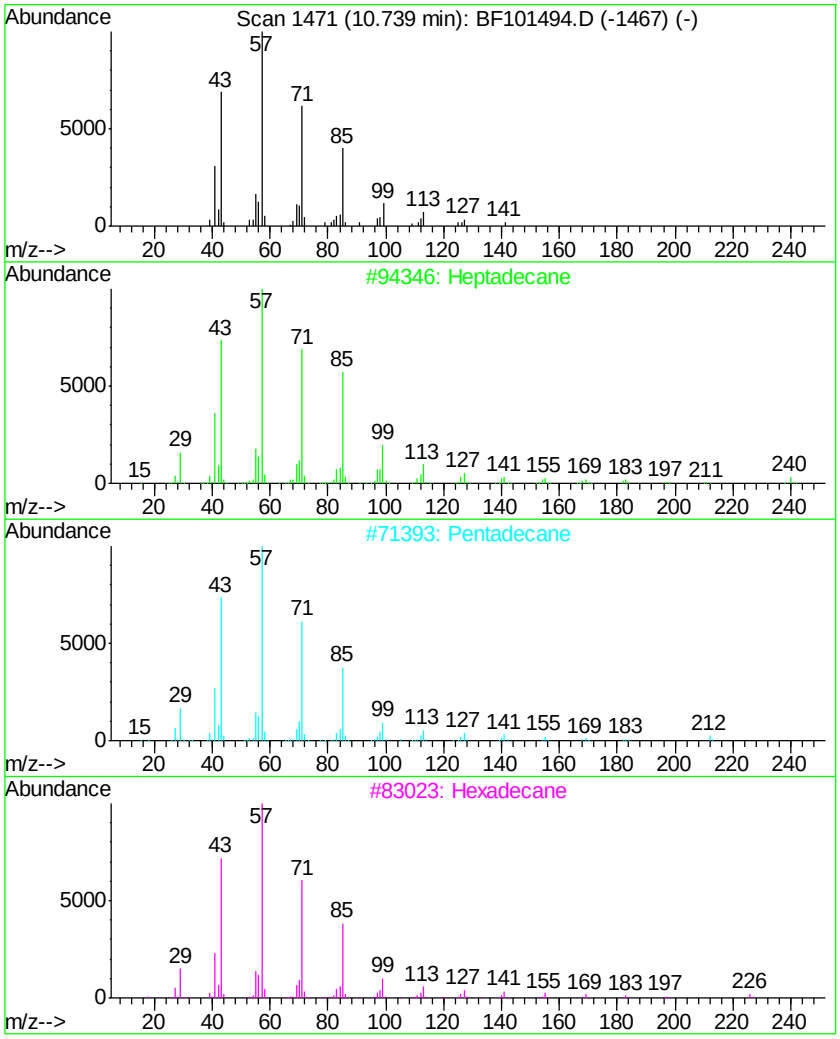
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

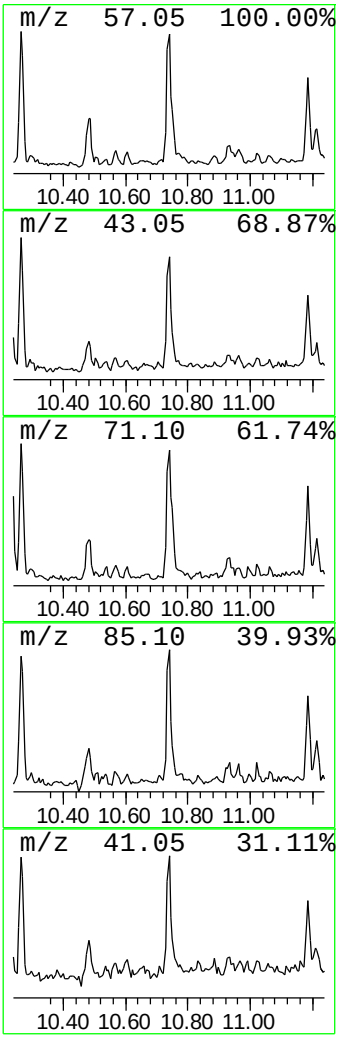
****

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.35 ng	90295	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Tetradecane	198	C14H30	000629-59-4	86





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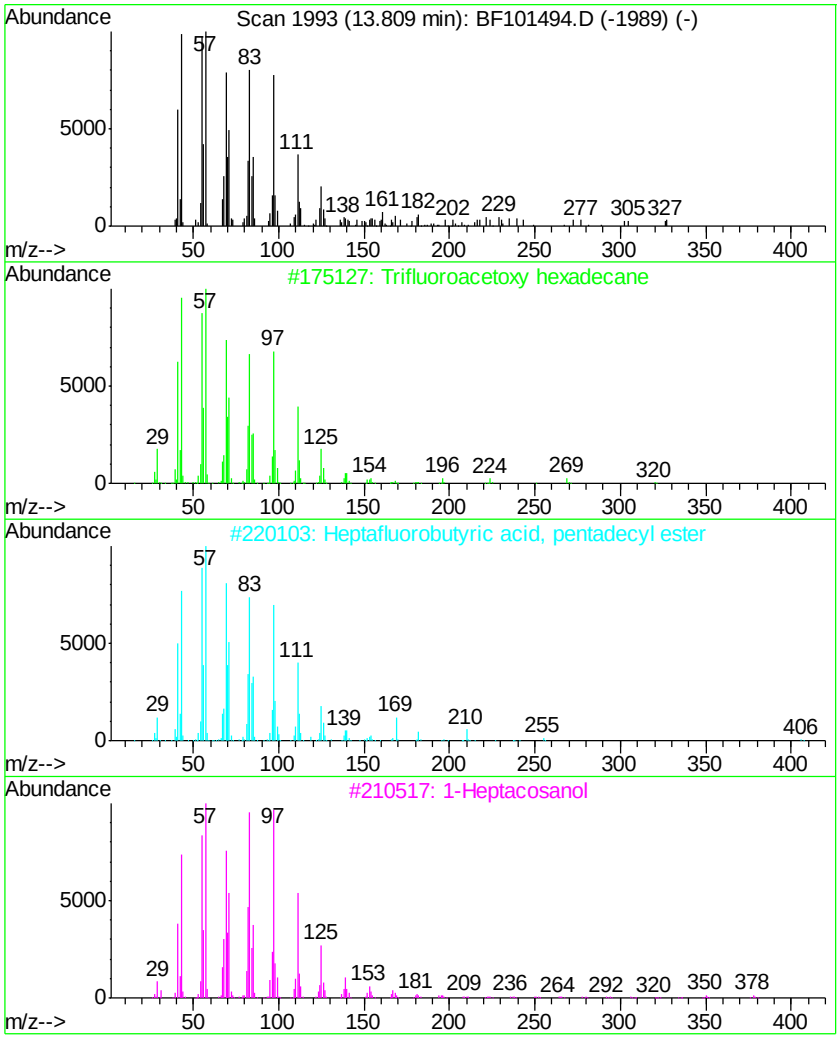
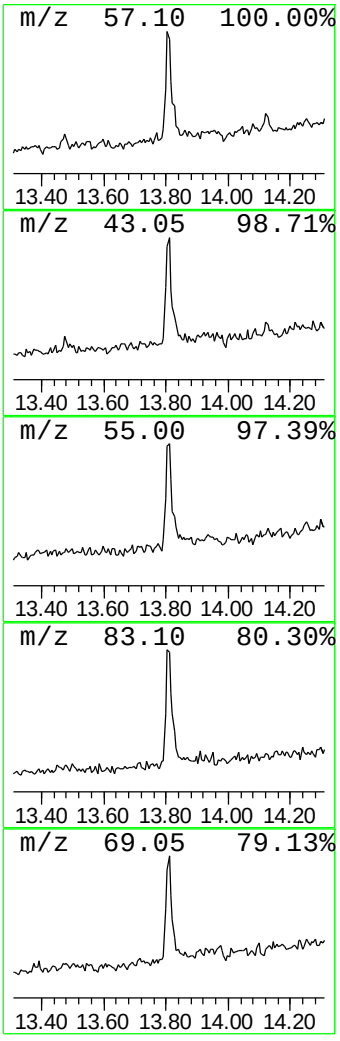
Peak Number 8 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.36 ng	176827	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one, 4...	3.50	6.2	ng	253772	1	6.81	823811	20.0
3-Penten-2-one, 4...	4.42	191.6	ng	7892350	1	6.81	823811	20.0
2-Pentanone, 4-hy...	5.05	144.7	ng	5959390	1	6.81	823811	20.0
unknown6.58	6.58	10.2	ng	420815	1	6.81	823811	20.0
2-Cyclohexen-1-on...	7.15	3.6	ng	147882	1	6.81	823811	20.0
Heptadecane	10.74	2.4	ng	90295	4	11.34	769466	20.0
Trifluoroacetoxy ...	13.81	4.4	ng	176827	5	13.99	810996	20.0