LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090207.D
Acq On : 23 Sep 2016 19:38
Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

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-BF092016.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	1.655	5	6	47	rVB	2555670	6451322	100.00%	19.758%
2	4.593	260	263	276	rVB	333741	585020	9.07%	1.792%
3	5.061	301	304	307	rBV	2358111	2565616	39.77%	7.857%
4	6.159	397	400	402	rBV	2470523	2904579	45.02%	8.895%
5	6.262	406	409	411	rBV	2797066	2762557	42.82%	8.461%
6	6.490	427	429	432	rBV	774383	681442	10.56%	2.087%
7	6.650	440	443	445	rBV	2458265	2384957	36.97%	7.304%
8	7.062	476	479	482	rBV	1457327	1575964	24.43%	4.826%
9	7.199	489	491	498	rVB	46070	70474	1.09%	0.216%
10	7.782	539	542	544	rBV	788942	847456	13.14%	2.595%
11	8.856	633	636	639	rBV	2805949	2898760	44.93%	8.878%
12	9.256	669	671	674	rBV	778420	702151	10.88%	2.150%
13	9.519	692	694	696	rBV	1137082	938737	14.55%	2.875%
14	10.308	760	763	765	rBV2	1175795	1549595	24.02%	4.746%
15	10.445	773	775	781	rVB	87026	120342	1.87%	0.369%
16	10.891	809	814	816	rBV2	65661	89444	1.39%	0.274%
17	10.982	820	822	826	rBV2	596534	773638	11.99%	2.369%
18	11.245	843	845	848	rVV	98006	88139	1.37%	0.270%
19	11.588	874	875	880	rVB2	45843	91634	1.42%	0.281%
20	12.182	925	927	931	rVV	86352	90656	1.41%	0.278%
21	12.411	945	947	949	rBV	136994	156261	2.42%	0.479%
22	12.571	958	961	964	rBV	2110015	1987231	30.80%	6.086%
23	13.485	1039	1041	1045	rVV	158147	173947	2.70%	0.533%
24	13.599	1048	1051	1057	rVV	696923	857940	13.30%	2.628%
25	14.377	1117	1119	1125	rBV	467655	550442	8.53%	1.686%
26	14.582	1135	1137	1140	rBV	57719	105827	1.64%	0.324%
27	14.925	1164	1167	1169	rBV	557827	648196	10.05%	1.985%

Sum of corrected areas: 32652327

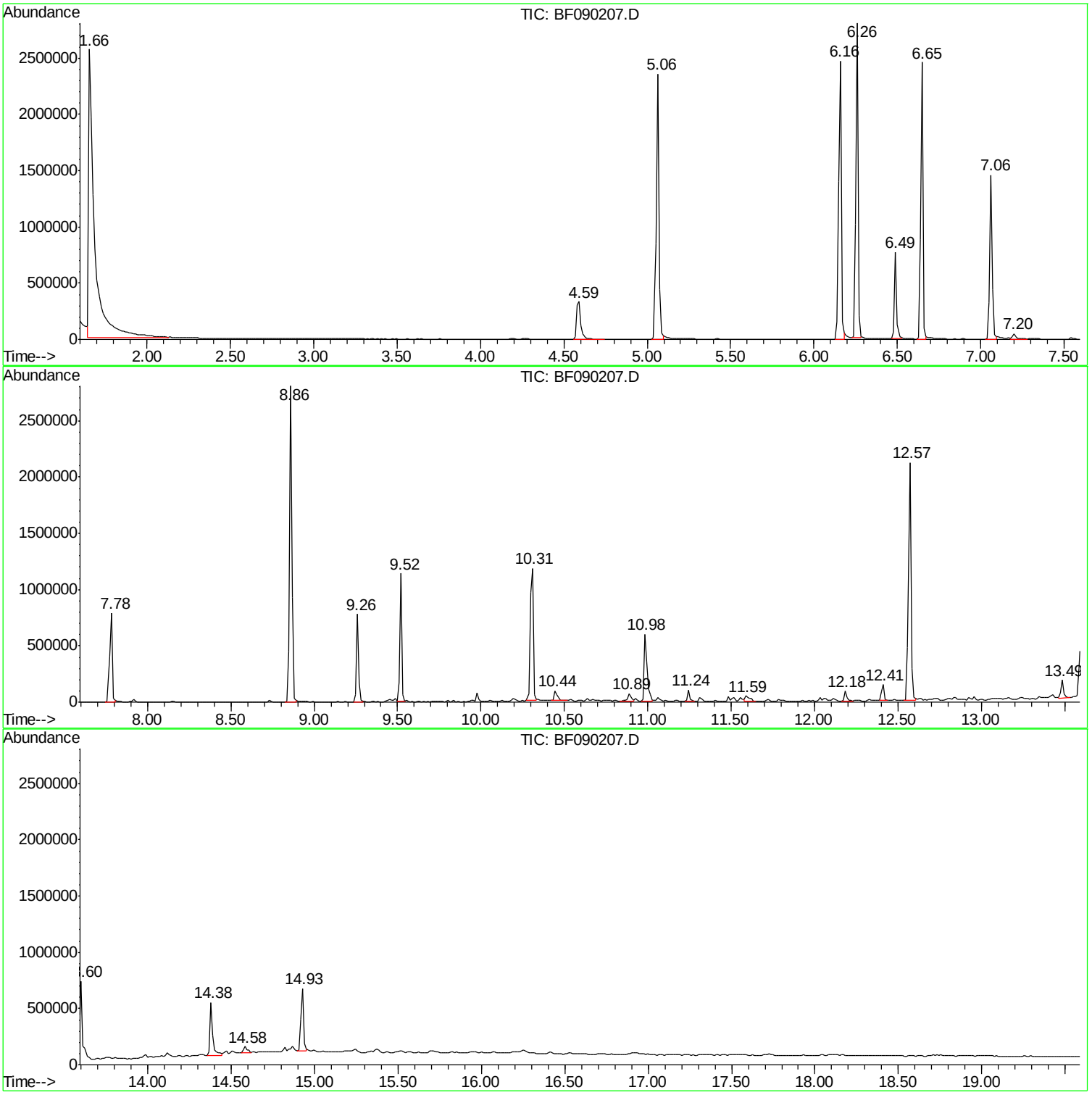
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090207.D
Acq On : 23 Sep 2016 19:38
Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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Data File : BF090207.D
Acq On : 23 Sep 2016 19:38
Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

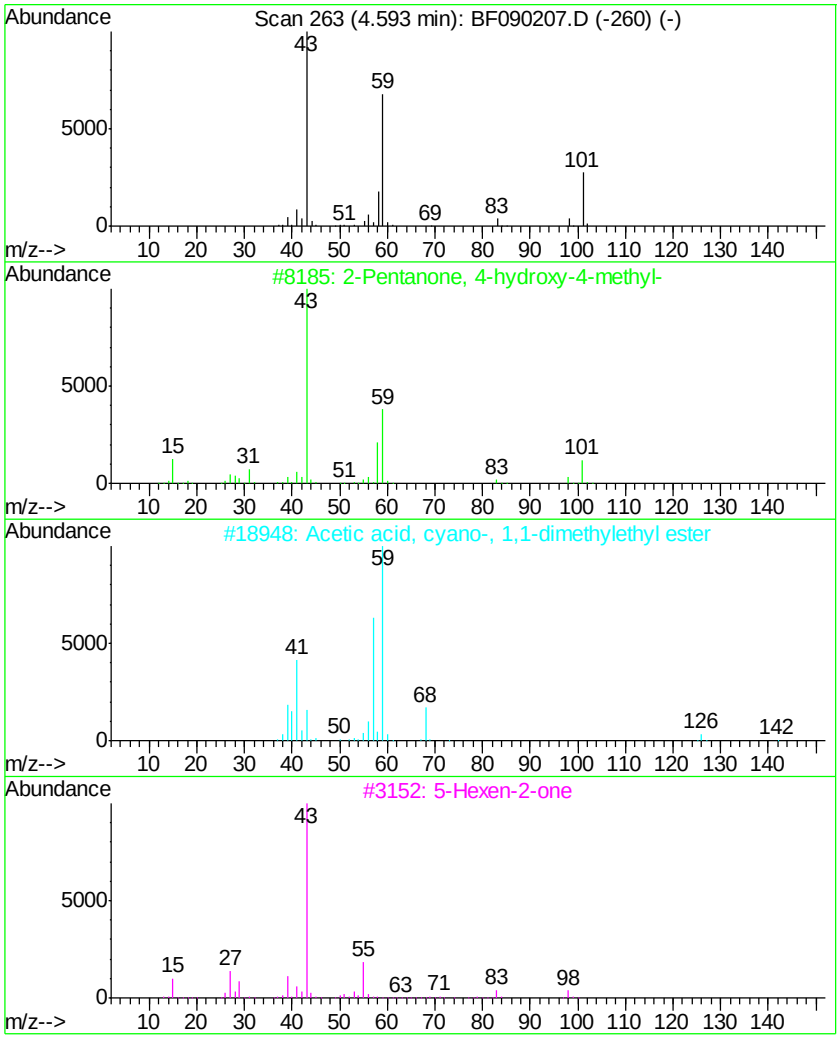
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

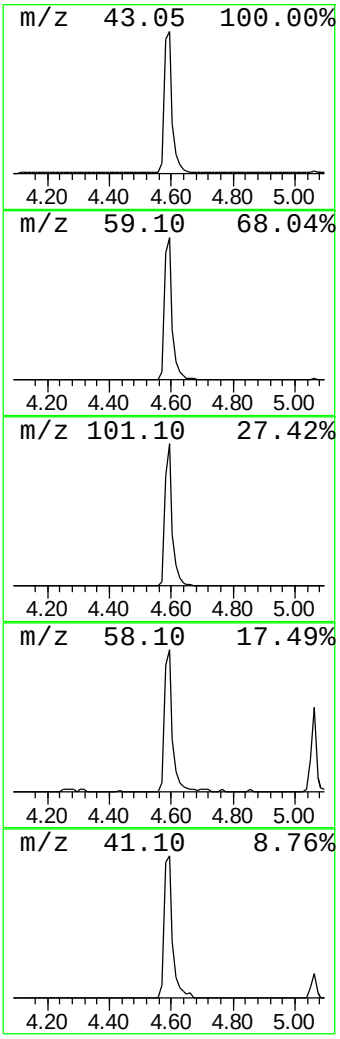
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	17.17 ng	585020	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090207.D
Acq On : 23 Sep 2016 19:38
Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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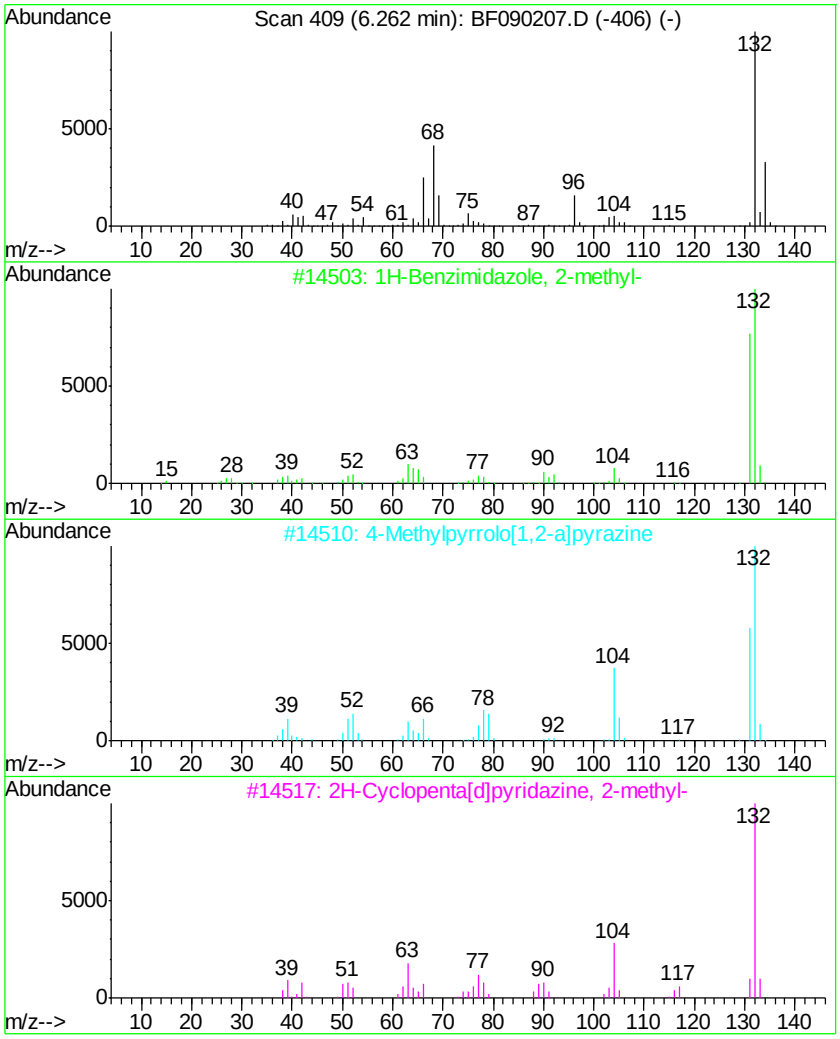
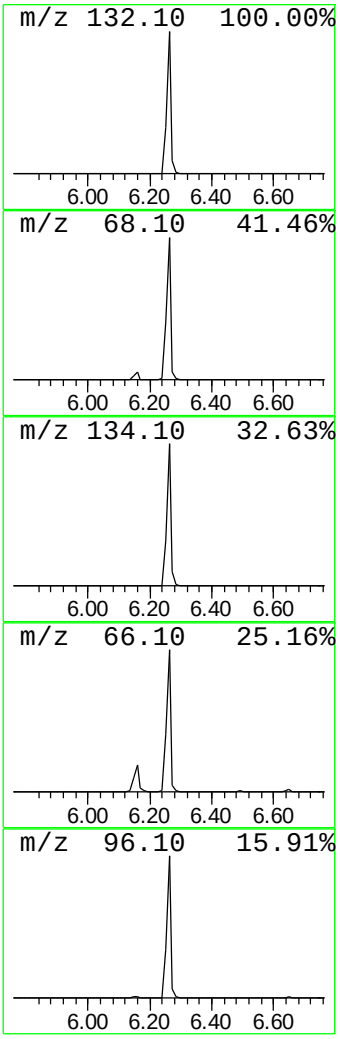
Peak Number 3 unknown6.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	81.08 ng	2762560	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
2	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090207.D
Acq On : 23 Sep 2016 19:38
Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

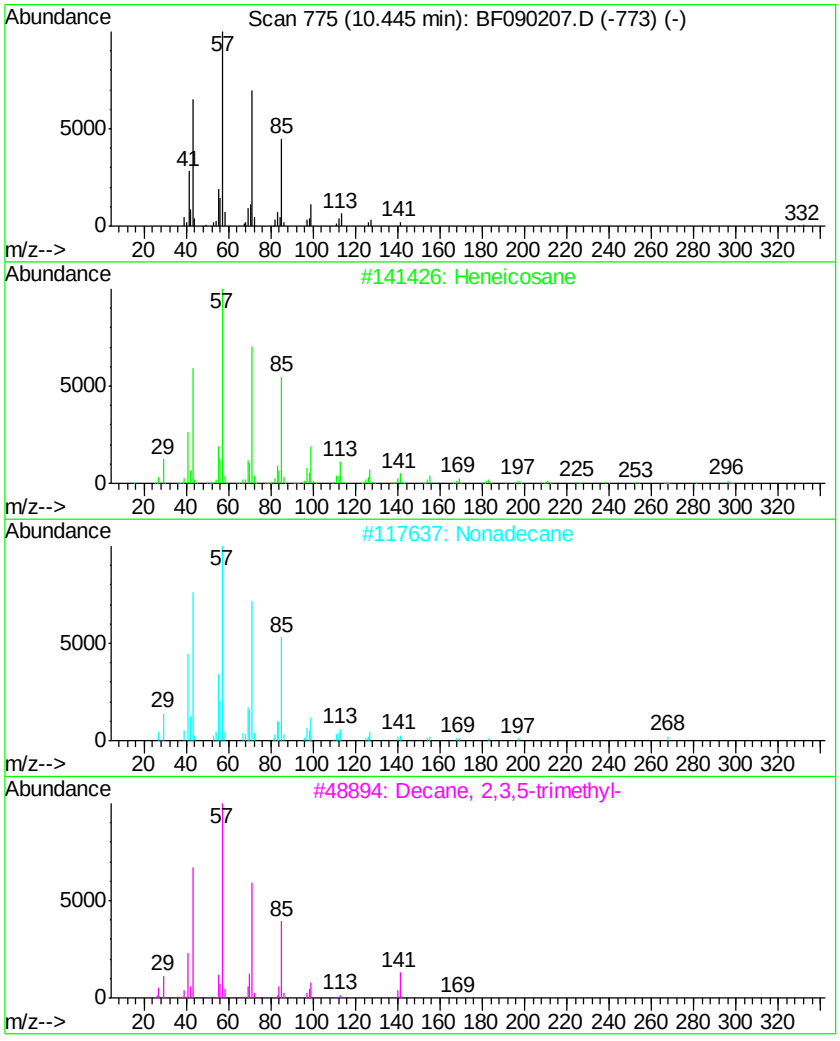
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

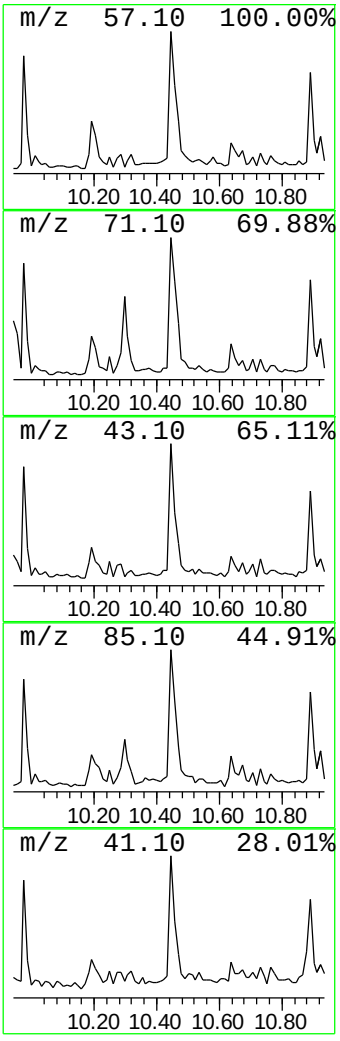
****

Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	3.11 ng	120342	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonadecane	268	C19H40	000629-92-5	83
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane	198	C14H30	000629-59-4	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
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Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

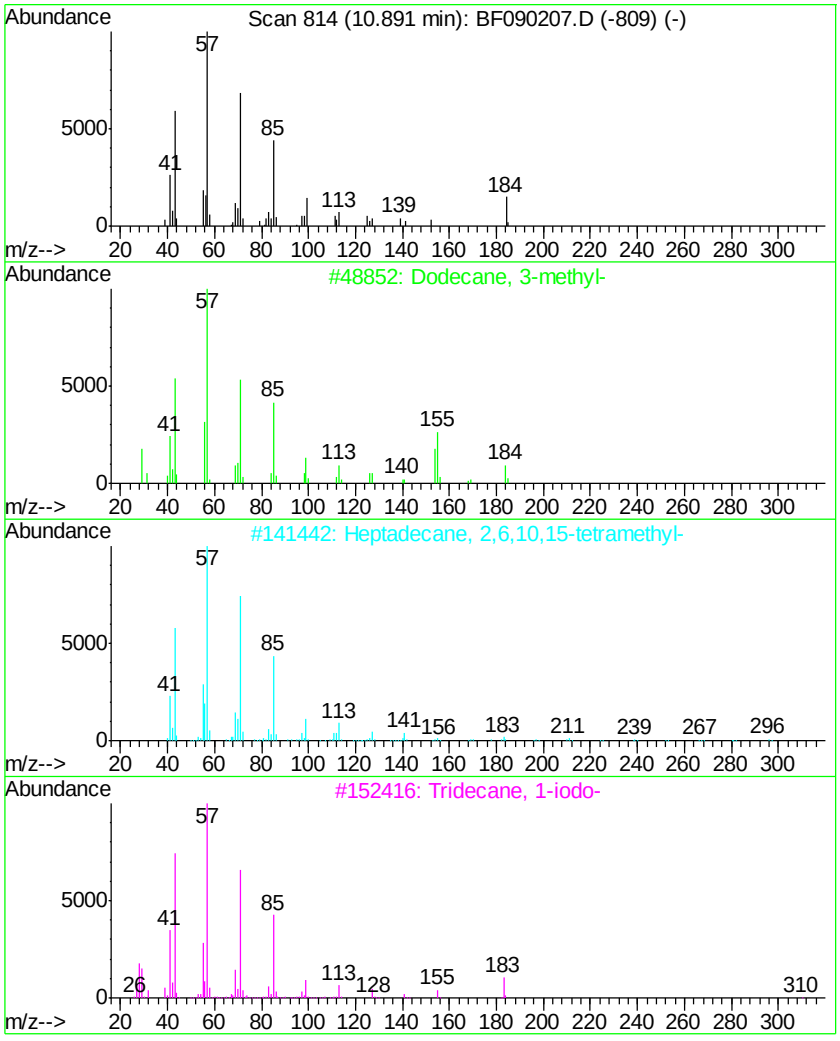
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

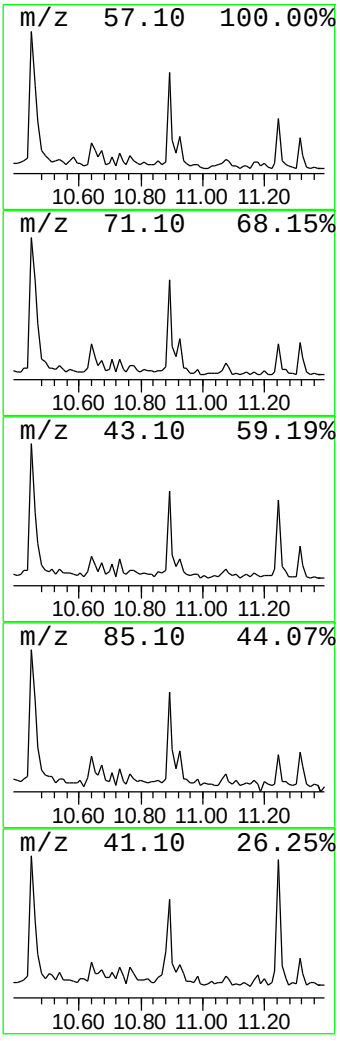
****

Peak Number 6 Dodecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.31 ng	89444	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090207.D
Acq On : 23 Sep 2016 19:38
Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

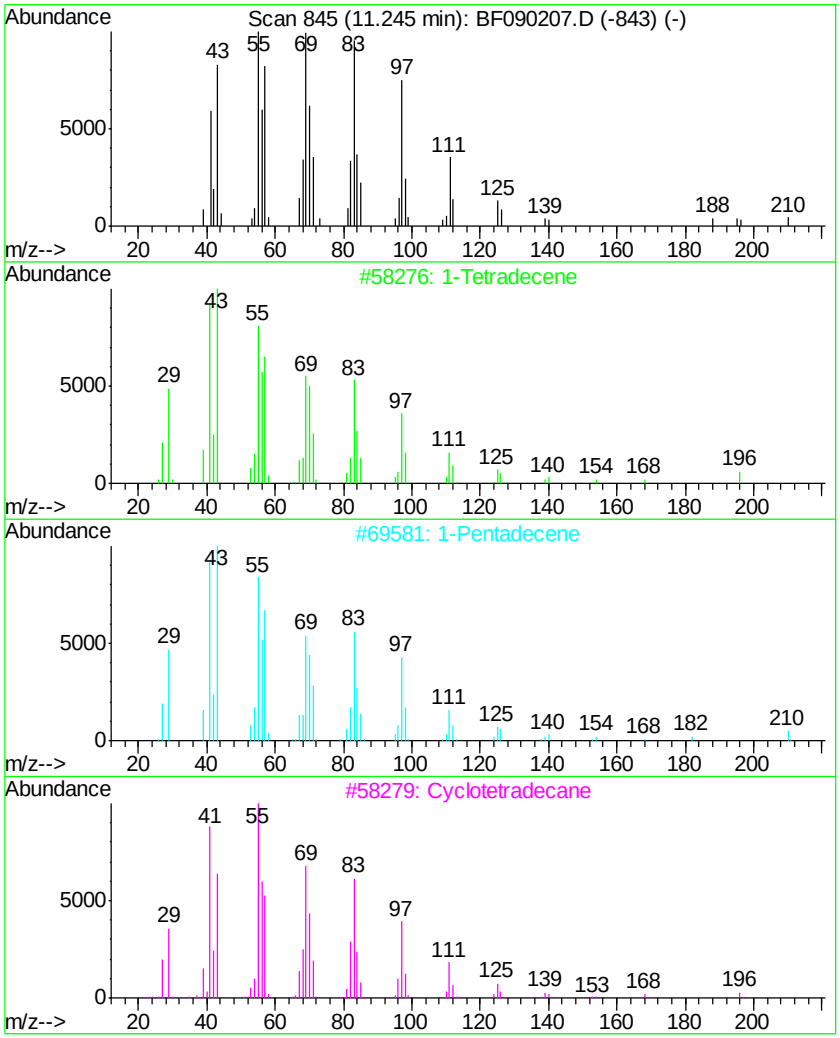
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

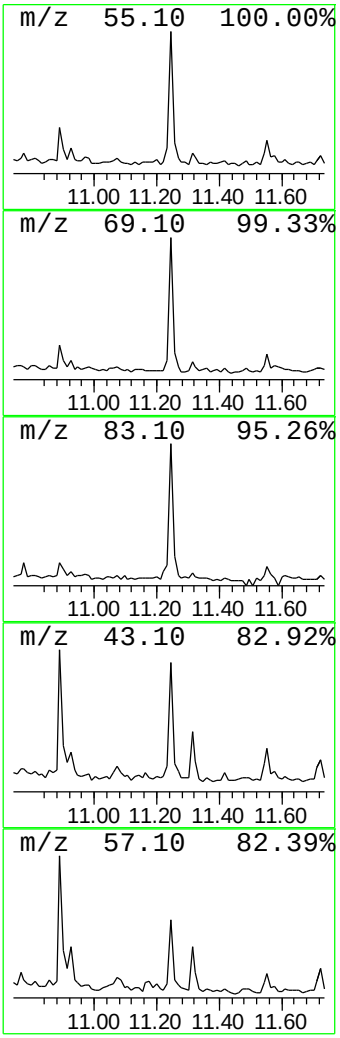
****

Peak Number 7 1-Tetradecene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.28 ng	88139	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	98
2	1-Pentadecene	210	C15H30	013360-61-7	98
3	Cyclotetradecane	196	C14H28	000295-17-0	96
4	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	94
5	1-Hexadecanol	242	C16H34O	036653-82-4	94





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Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

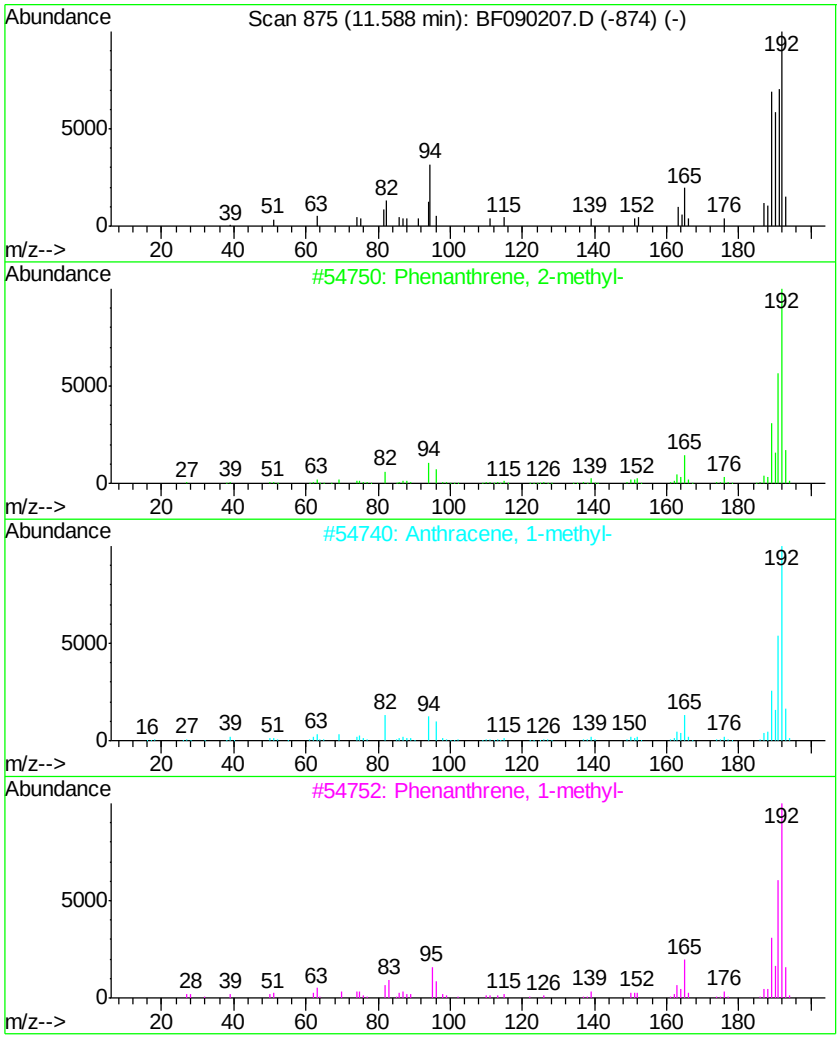
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

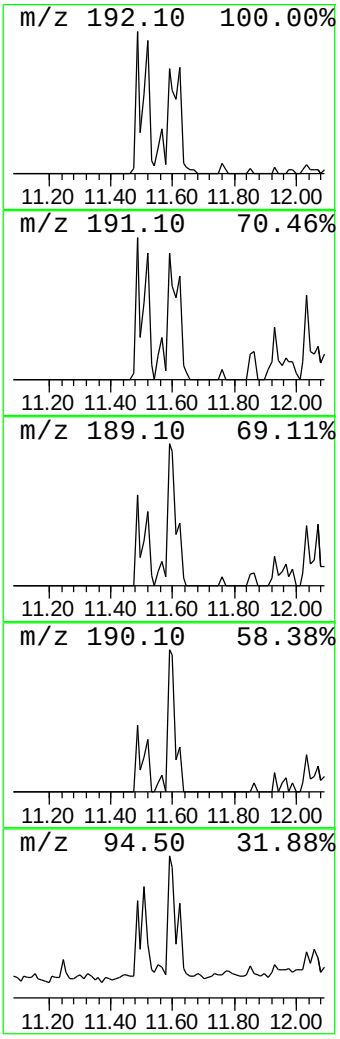
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.37 ng	91634	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55





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Sample : H4887-03
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Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

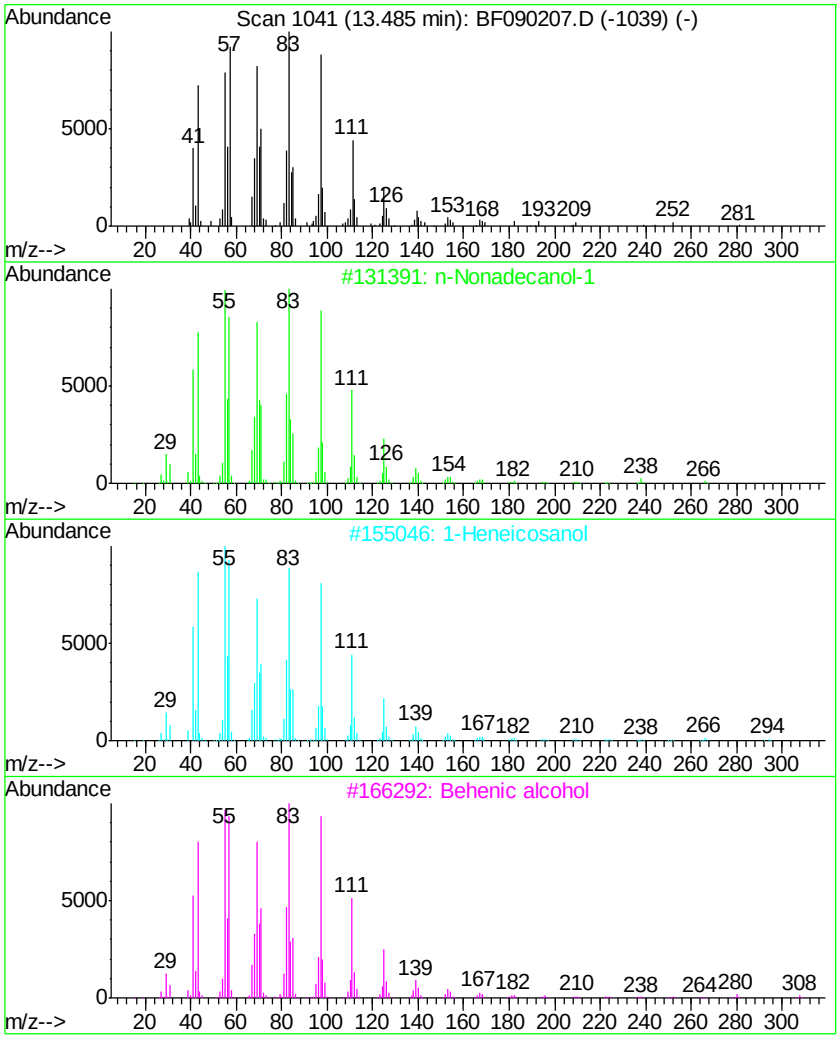
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

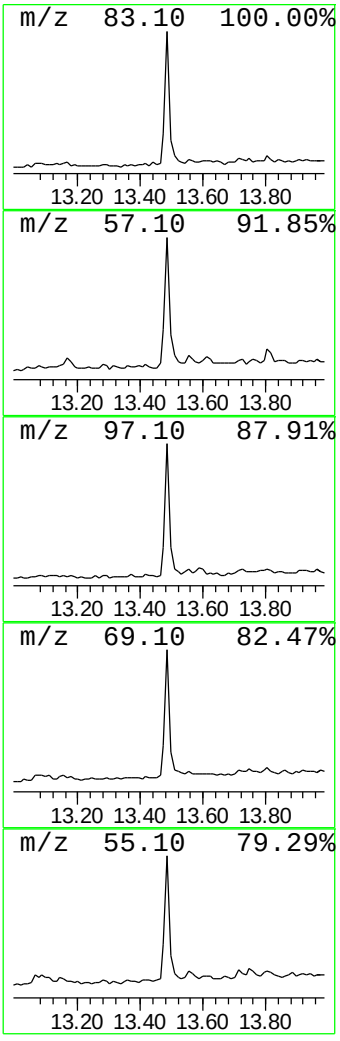
****

Peak Number 9 n-Nonadecanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.05 ng	173947	Chrysene-d12	13.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5	1-Nonadecene	266	C19H38	018435-45-5	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

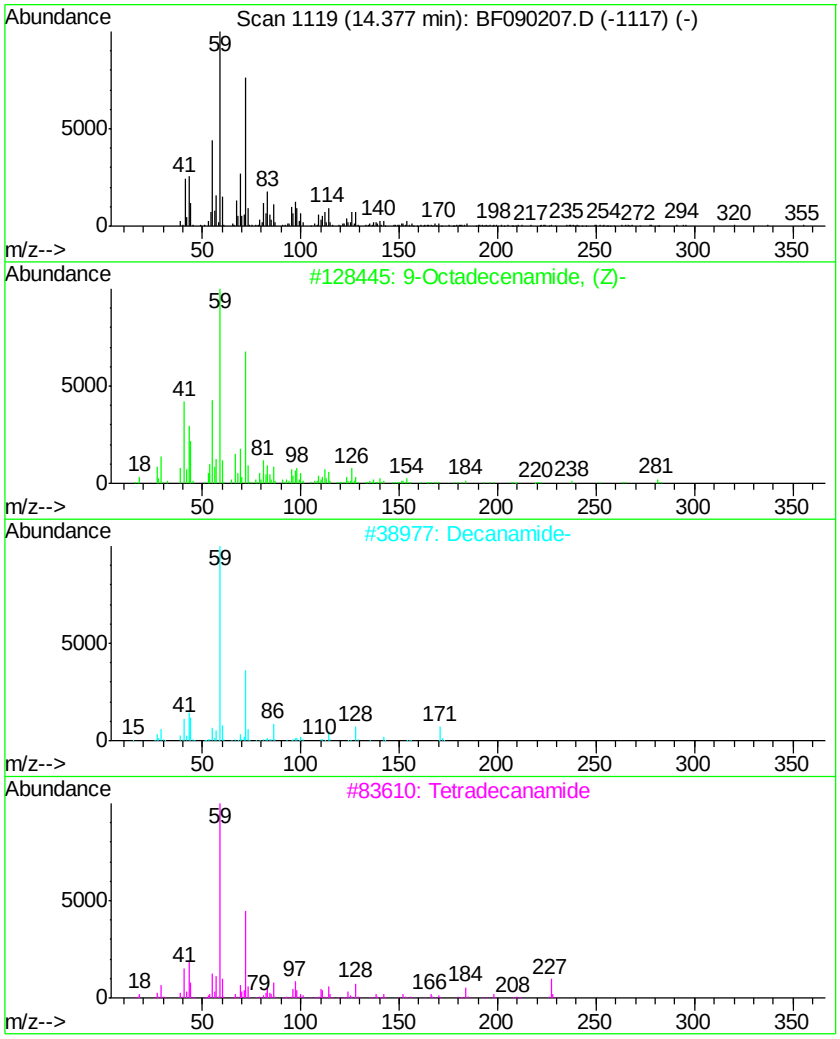
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

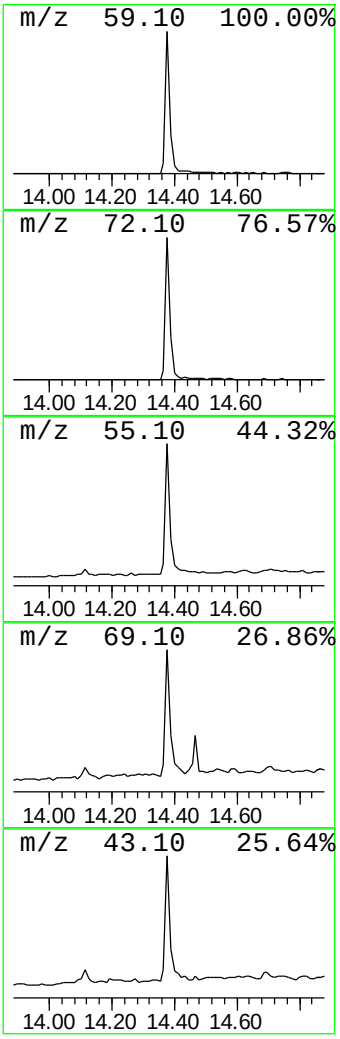
****

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	16.98 ng	550442	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Decanamide-	171	C10H21NO	002319-29-1	64
3	Tetradecanamide	227	C14H29NO	000638-58-4	52
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	47
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	35





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Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

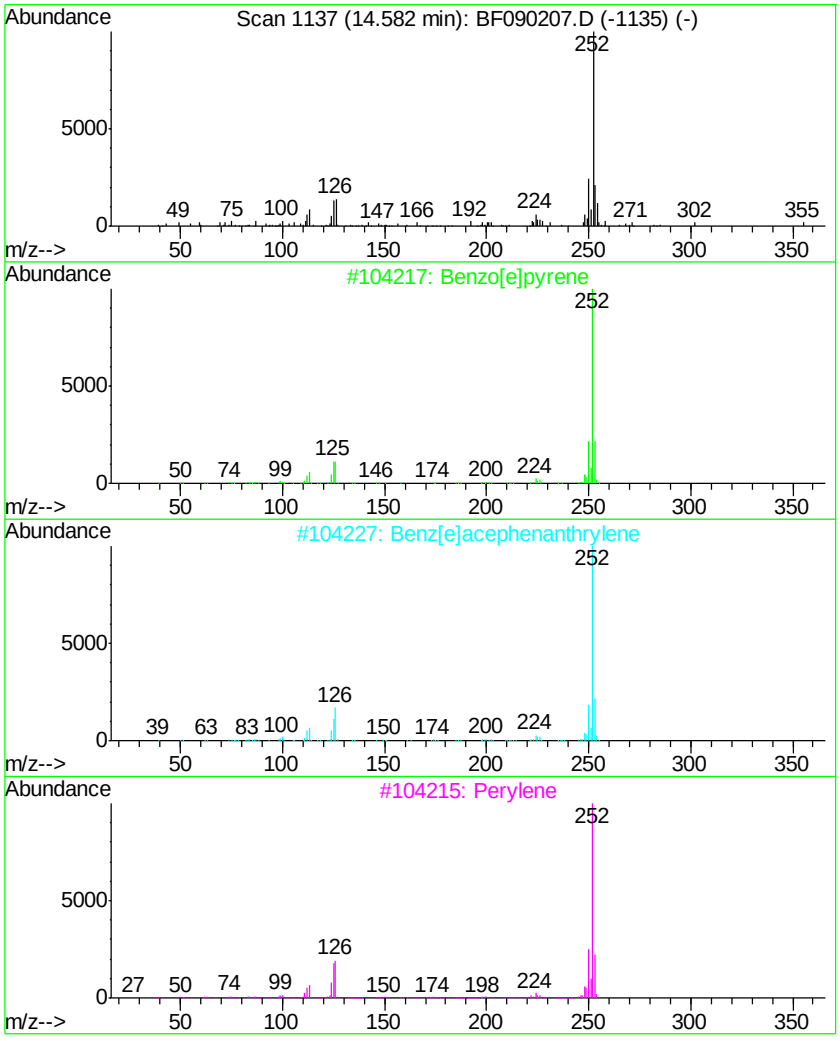
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

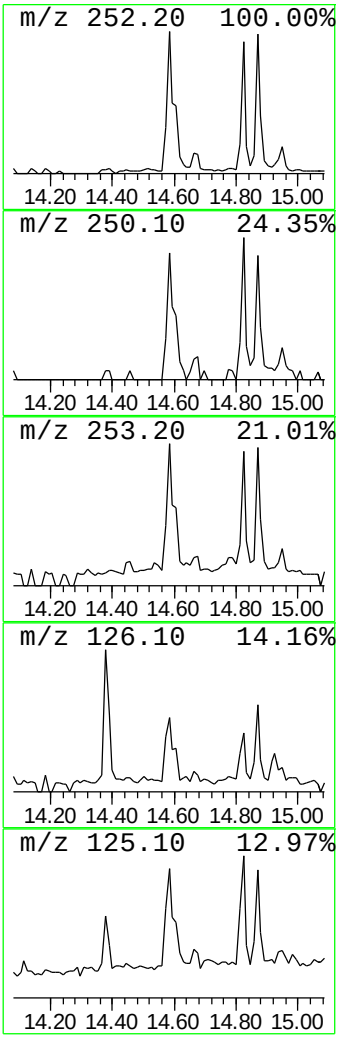
****

Peak Number 11 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.27 ng	105827	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
Data File : BF090207.D
Acq On : 23 Sep 2016 19:38
Operator : UM/SJ
Sample : H4887-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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
2-Pentanone, 4-hy...	4.59	17.2	ng	585020	1	6.49	681442	20.0
unknown6.26	6.26	81.1	ng	2762560	1	6.49	681442	20.0
Heneicosane	10.44	3.1	ng	120342	4	10.98	773638	20.0
Dodecane, 3-methyl-	10.89	2.3	ng	89444	4	10.98	773638	20.0
1-Tetradecene	11.24	2.3	ng	88139	4	10.98	773638	20.0
Phenanthrene, 2-m...	11.59	2.4	ng	91634	4	10.98	773638	20.0
n-Nonadecanol-1	13.49	4.0	ng	173947	5	13.60	857940	20.0
9-Octadecenamide,...	14.38	17.0	ng	550442	6	14.93	648196	20.0
Benzo[e]pyrene	14.58	3.3	ng	105827	6	14.93	648196	20.0