LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF087801.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.701	5	10	12	rVB	3954337	7242130	100.00%	18.234%
2	1.758	14	15	25	rVV	357491	574999	7.94%	1.448%
3	1.896	25	27	42	rVB	1384407	2604151	35.96%	6.556%
4	2.090	42	44	61	rVB2	85341	235843	3.26%	0.594%
5	5.027	298	301	308	rBB	181664	263141	3.63%	0.663%
6	5.439	334	337	340	rBV	2129514	2325480	32.11%	5.855%
7	6.479	424	428	430	rBV	2293819	2761368	38.13%	6.952%
8	6.605	436	439	442	rBV	2139038	2692550	37.18%	6.779%
9	6.845	457	460	462	rBV	437332	591823	8.17%	1.490%
10	6.993	471	473	476	rVB	1815860	1963794	27.12%	4.944%
11	7.405	506	509	511	rBV	1613293	1662378	22.95%	4.185%
12	8.125	569	572	574	rBV	983761	880707	12.16%	2.217%
13	9.199	663	666	669	rBV	2601599	2613561	36.09%	6.580%
14	9.588	698	700	703	rBV	201755	224410	3.10%	0.565%
15	9.873	723	725	727	rBV	1075840	929319	12.83%	2.340%
16	10.662	791	794	796	rBV	1774797	1856380	25.63%	4.674%
17	11.222	839	843	849	rVB3	43458	119861	1.66%	0.302%
18	11.348	852	854	858	rBV3	747602	1345674	18.58%	3.388%
19	11.428	858	861	862	rVB	142973	147638	2.04%	0.372%
20	11.851	896	898	899	rBV	92461	76724	1.06%	0.193%
21	11.874	899	900	903	rVV	80758	100798	1.39%	0.254%
22	11.965	906	908	912	rVB2	124880	200211	2.76%	0.504%
23	12.148	921	924	928	rVB2	64443	96760	1.34%	0.244%
24	12.559	957	960	962	rBV	847742	724557	10.00%	1.824%
25	12.788	977	980	982	rBV	646473	771758	10.66%	1.943%
26	12.937	991	993	995	rVB	2277677	2149477	29.68%	5.412%
27	13.005	995	999	1003	rVB2	48663	72916	1.01%	0.184%
28	13.108	1003	1008	1010	rBV2	82701	152730	2.11%	0.385%
29	13.177	1010	1014	1015	rBV	93620	106357	1.47%	0.268%
30	13.760	1063	1065	1069	rVV3	41462	109144	1.51%	0.275%
31	13.851	1071	1073	1080	rVB5	46246	131158	1.81%	0.330%
32	13.977	1081	1084	1089	rVB2	861823	1331958	18.39%	3.353%
33	14.457	1122	1126	1127	rBV4	55342	72709	1.00%	0.183%
34	14.503	1127	1130	1132	rVV4	40300	89859	1.24%	0.226%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.994	1170	1173	1177	rBV	228407	517801	7.15%	1.304%
36	15.085	1178	1181	1183	rVB3	67707	99966	1.38%	0.252%
37	15.268	1195	1197	1200	rVB	133533	193362	2.67%	0.487%
38	15.337	1200	1203	1205	rVV	181740	276143	3.81%	0.695%
39	15.394	1205	1208	1216	rVB	528115	751826	10.38%	1.893%
40	16.606	1309	1314	1317	rBV3	23914	72727	1.00%	0.183%
41	16.766	1325	1328	1332	rVB2	100901	201240	2.78%	0.507%
42	17.177	1360	1364	1372	rBV	78895	174031	2.40%	0.438%
43	17.394	1379	1383	1390	rVB2	28418	81772	1.13%	0.206%
44	19.269	1542	1547	1555	rVB2	30785	127493	1.76%	0.321%

Sum of corrected areas: 39718684

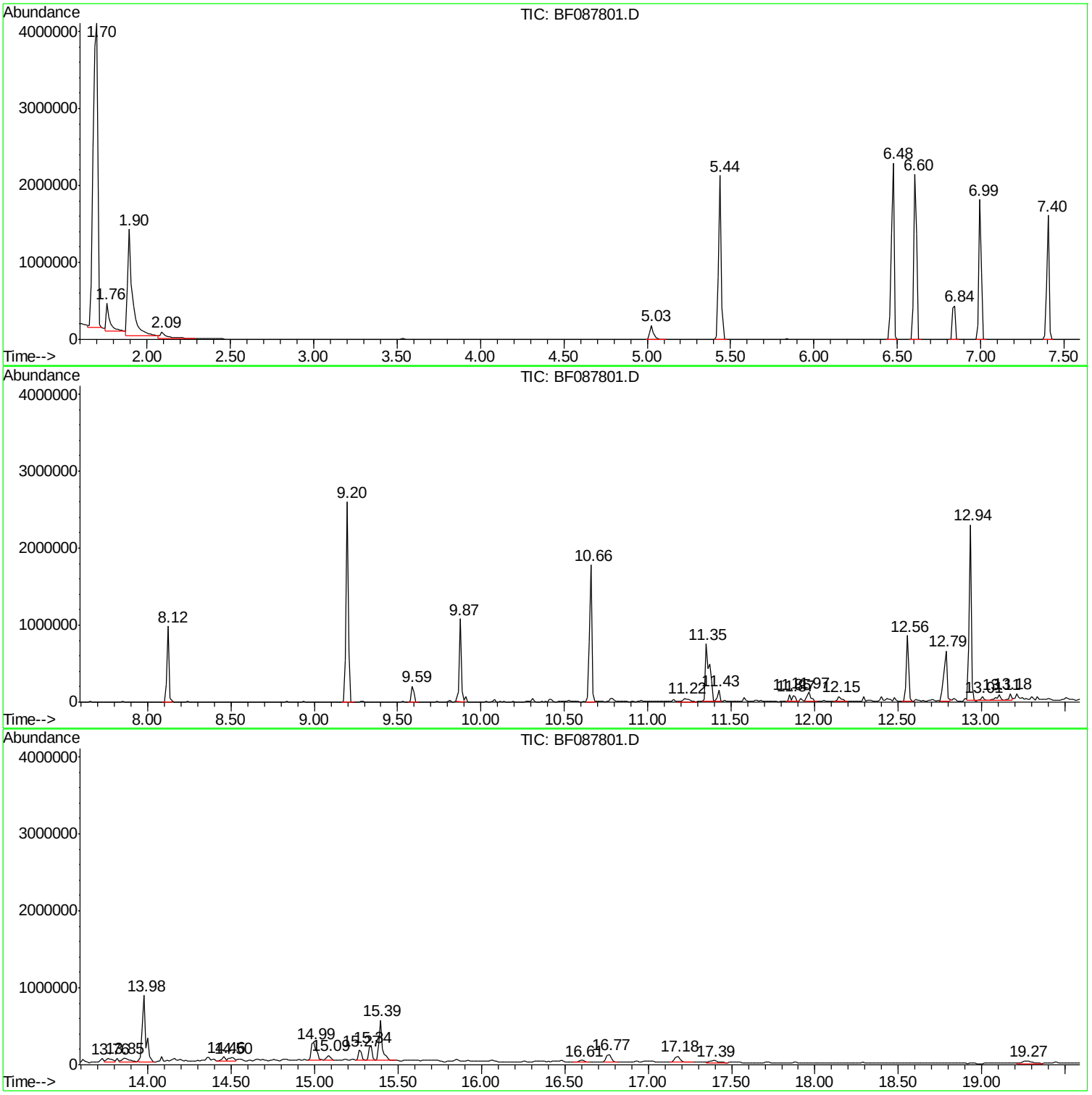
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

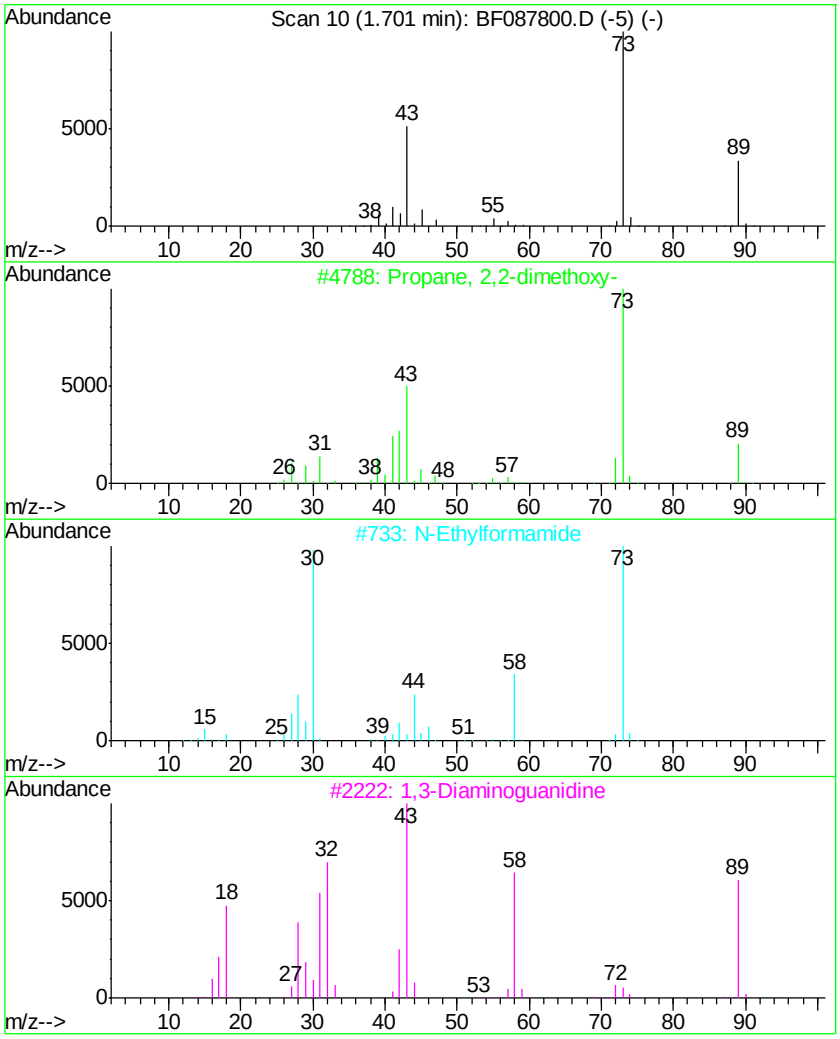
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

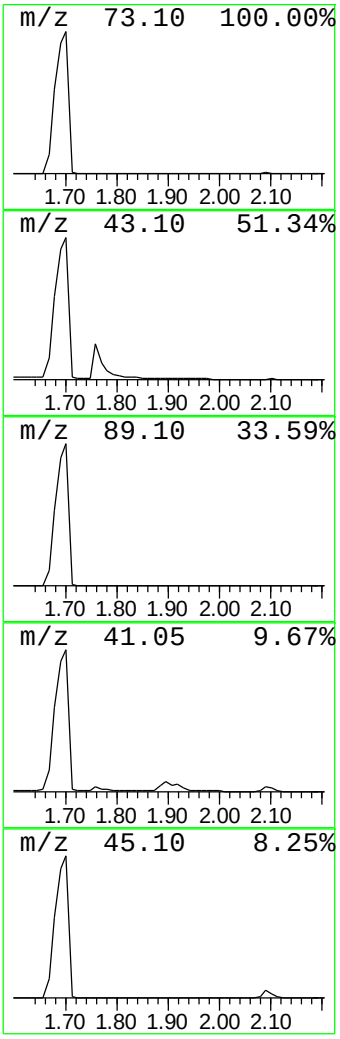
****

Peak Number 1 unknown1.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.70	244.74 ng	7242130	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

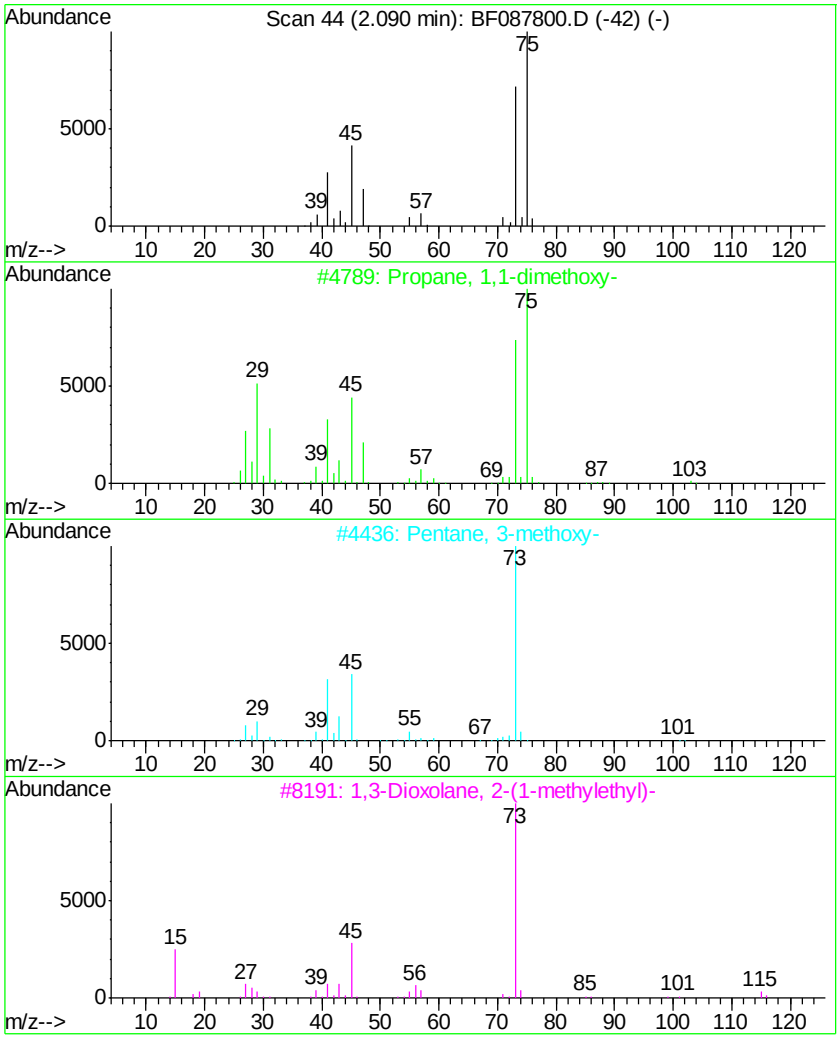
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

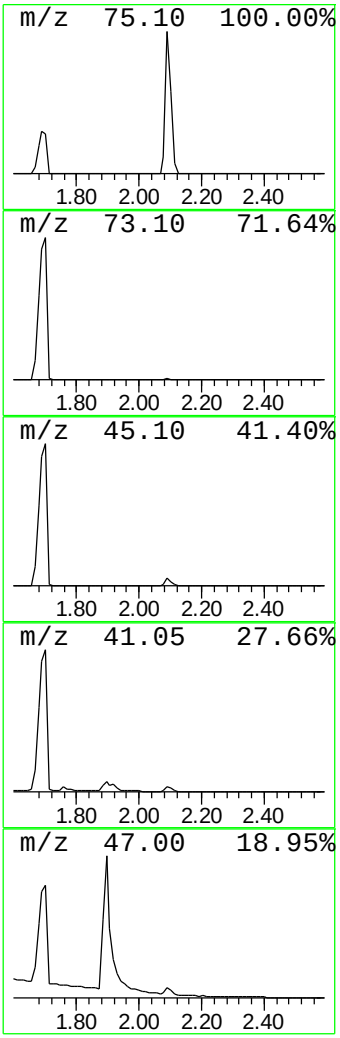
****

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	7.97 ng	235843	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	27
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

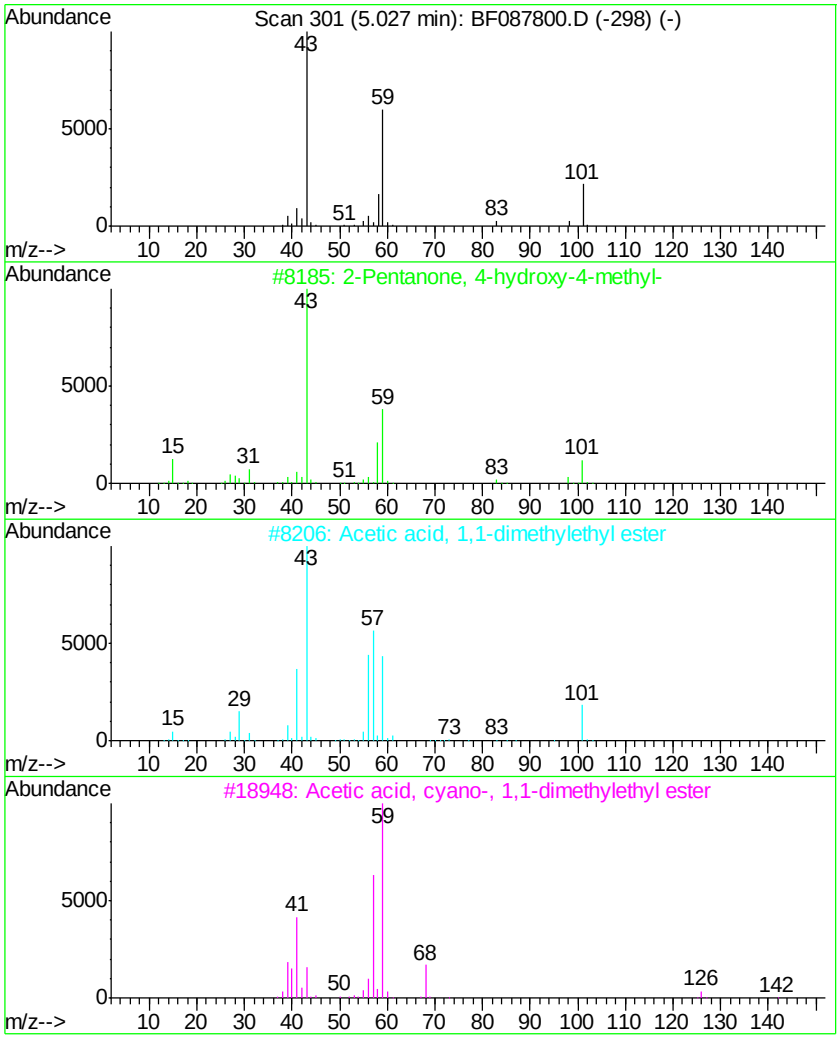
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

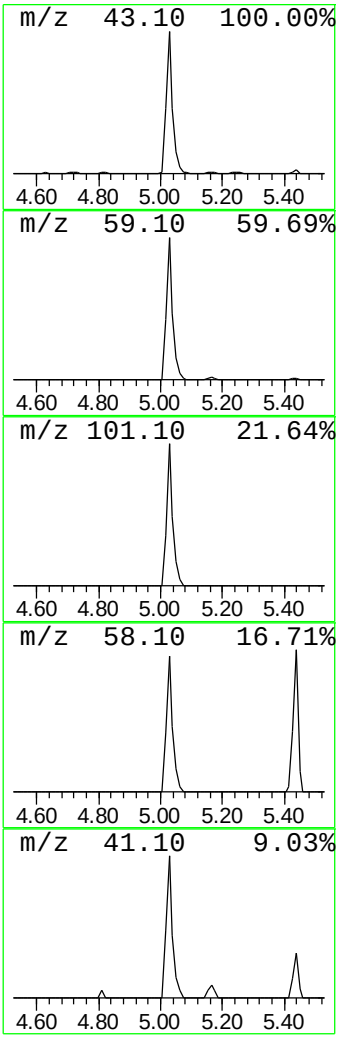
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	8.89 ng	263141	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

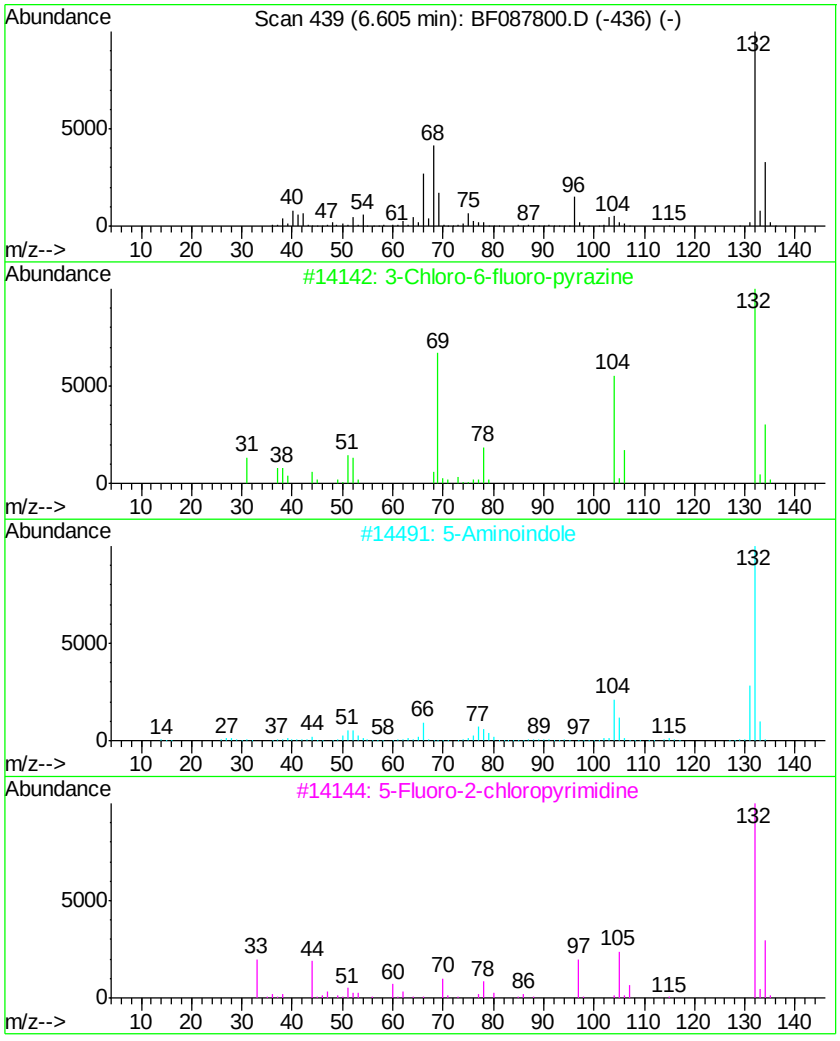
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

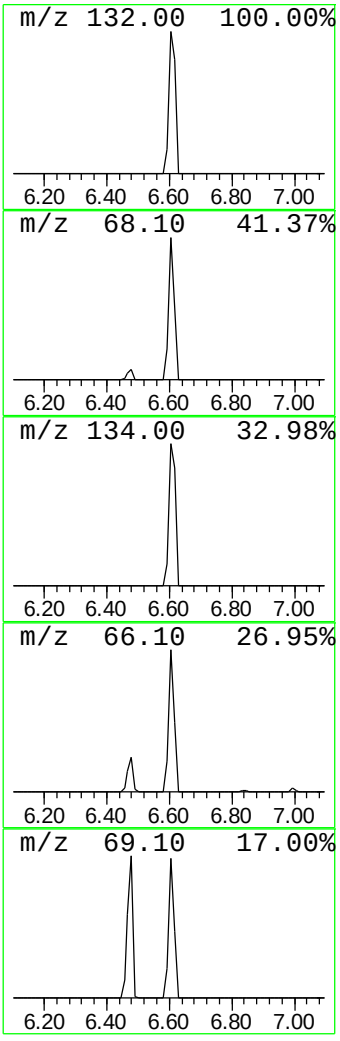
****

Peak Number 6 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	90.99 ng	2692550	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

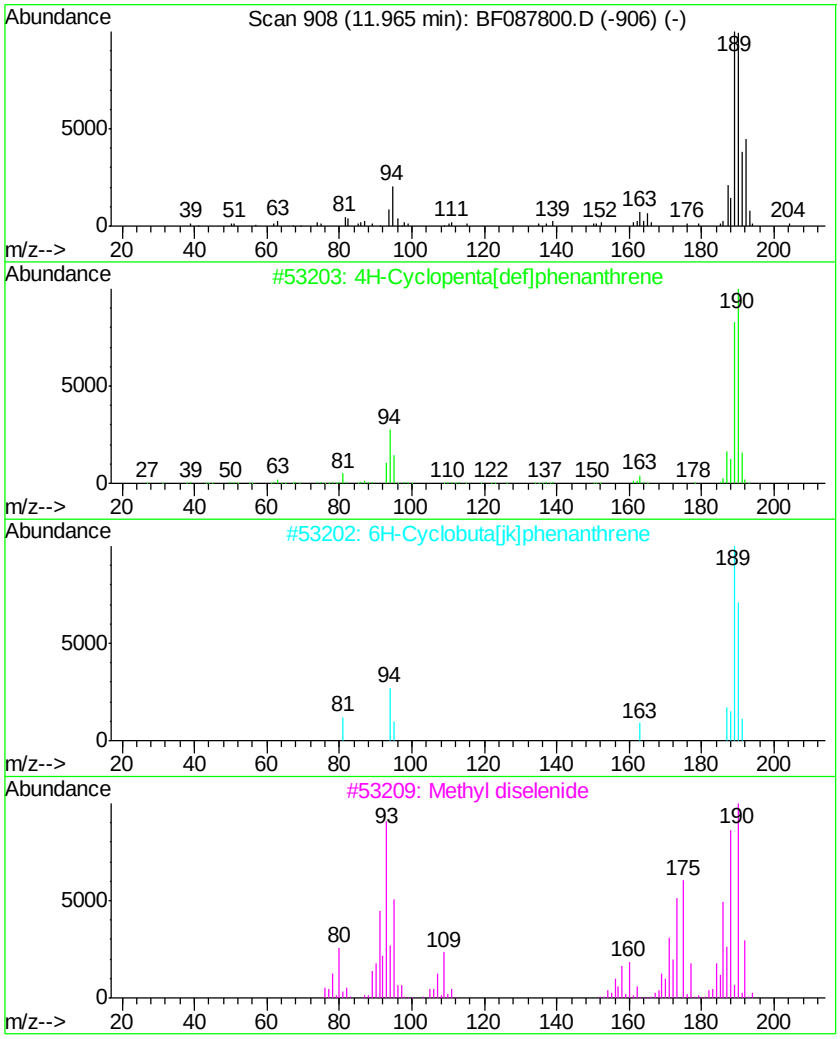
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

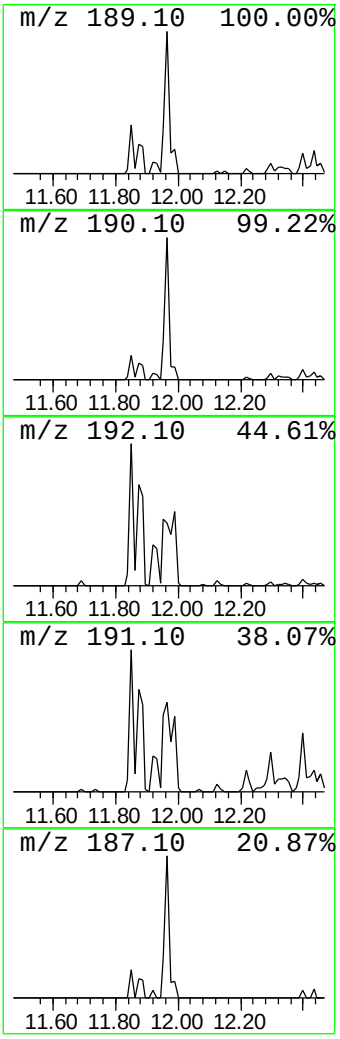
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.98 ng	200211	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

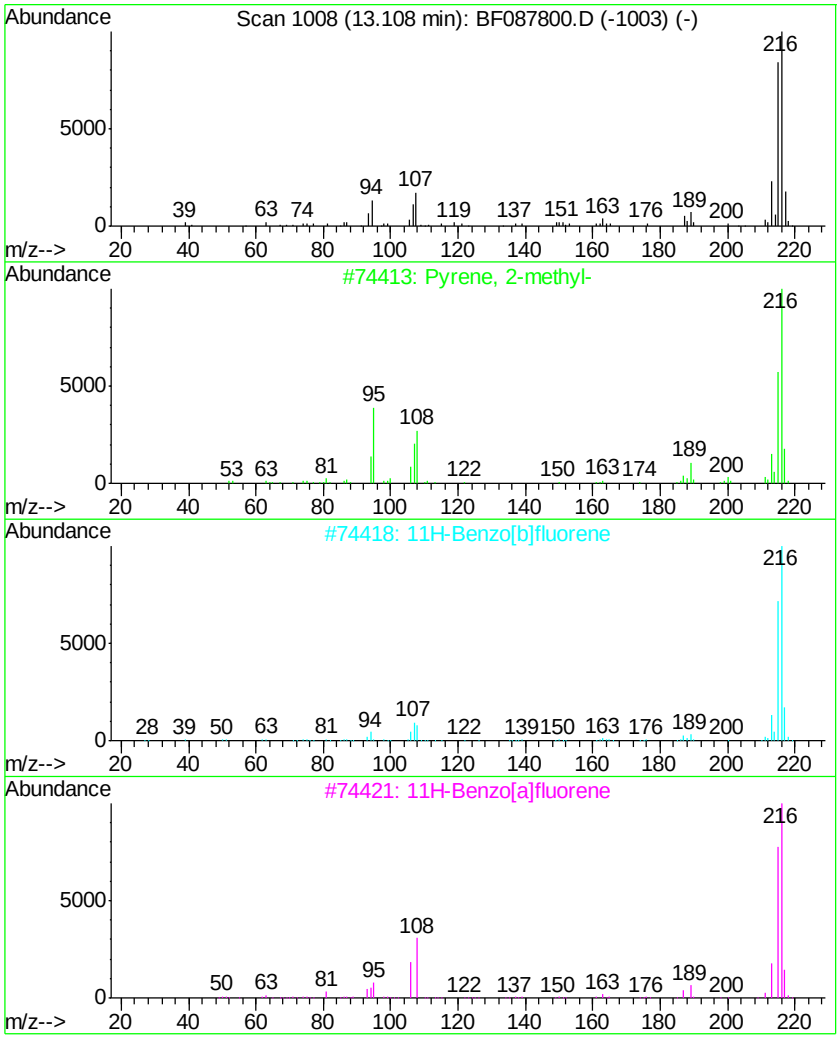
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

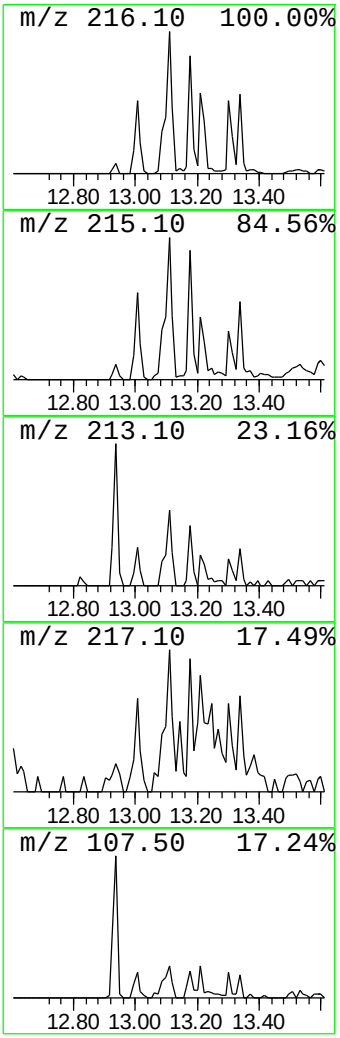
****

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.29 ng	152730	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

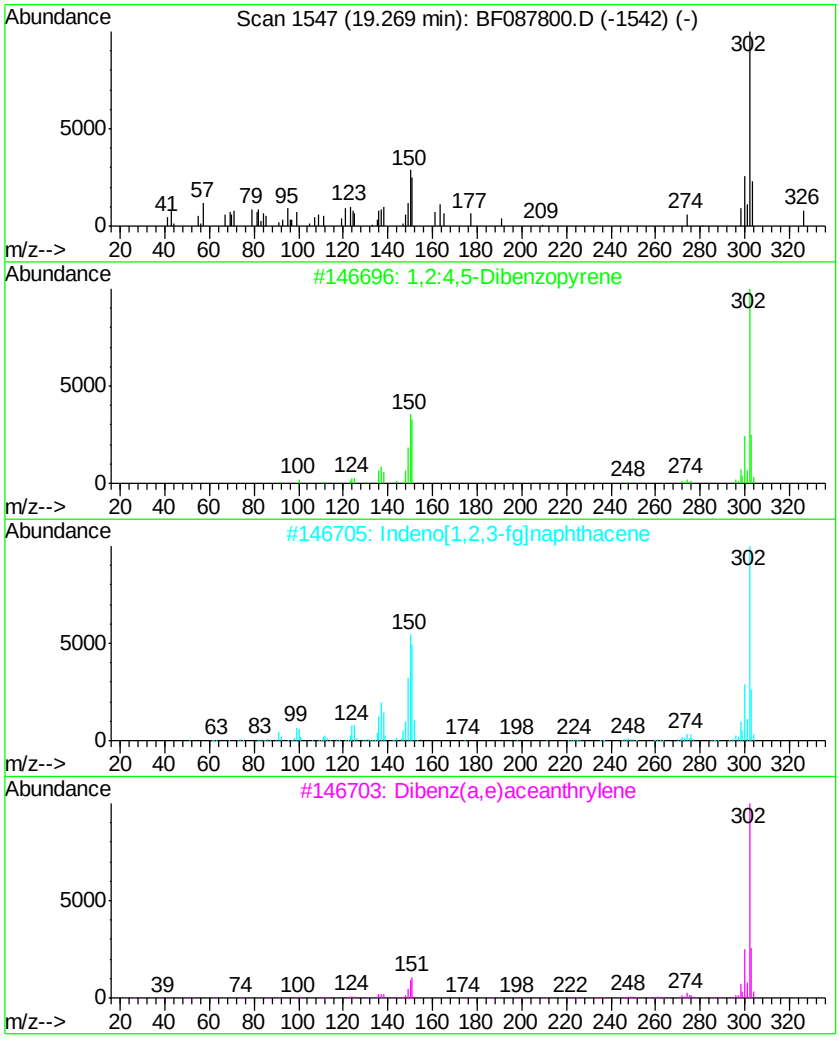
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

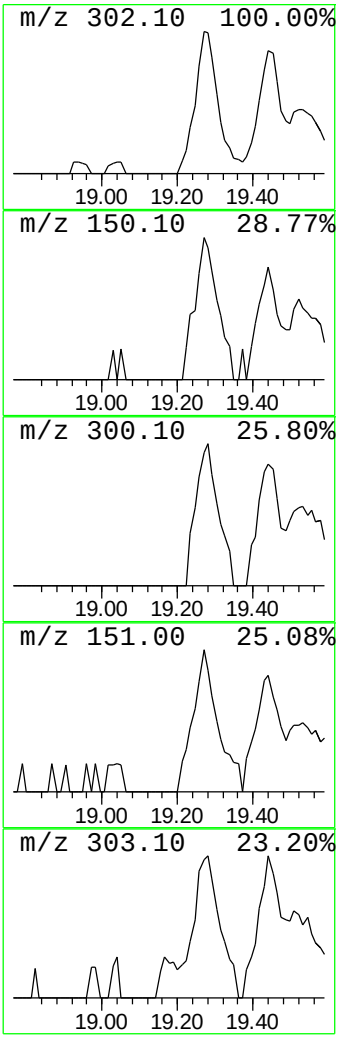
****

Peak Number 13 1,2:4,5-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.39 ng	127493	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	76
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	62
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
unknown1.70	1.70	244.7	ng	7242130	1	6.84	591823	20.0
Propane, 1,1-dime...	2.09	8.0	ng	235843	1	6.84	591823	20.0
2-Pentanone, 4-hy...	5.03	8.9	ng	263141	1	6.84	591823	20.0
unknown6.60	6.60	91.0	ng	2692550	1	6.84	591823	20.0
4H-Cyclopenta[def...	11.97	3.0	ng	200211	4	11.35	1345670	20.0
Pyrene, 2-methyl-	13.11	2.3	ng	152730	5	13.98	1331960	20.0
1,2:4,5-Dibenzopy...	19.27	3.4	ng	127493	6	15.39	751826	20.0