LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.747	12	14	23	rVB	247645	491518	7.04%	1.788%
2	1.872	23	25	82	rVB	2879269	6976941	100.00%	25.375%
3	4.981	294	297	302	rVB	76590	112089	1.61%	0.408%
4	5.404	331	334	336	rBV	1433863	1626129	23.31%	5.914%
5	6.444	422	425	427	rBV	1584850	1541580	22.10%	5.607%
6	6.581	434	437	439	rBV	1237349	1641931	23.53%	5.972%
7	6.810	455	457	459	rBV	936038	750351	10.75%	2.729%
8	6.970	468	471	473	rBV	1401565	1358099	19.47%	4.939%
9	7.370	504	506	509	rBV	760616	907382	13.01%	3.300%
10	8.102	567	570	572	rBV	1055023	1050784	15.06%	3.822%
11	9.176	661	664	666	rBV	2237268	2036402	29.19%	7.406%
12	9.565	696	698	700	rVB	190613	147582	2.12%	0.537%
13	9.850	720	723	724	rBV	1037705	1028706	14.74%	3.741%
14	10.628	789	791	794	rBV	1040237	944773	13.54%	3.436%
15	11.325	850	852	853	rBV	1017393	914343	13.11%	3.325%
16	11.393	856	858	860	rVB	128205	121025	1.73%	0.440%
17	11.931	903	905	910	rVB	79637	110374	1.58%	0.401%
18	12.525	955	957	960	rBV	410616	445569	6.39%	1.621%
19	12.753	973	977	980	rBV	431495	481797	6.91%	1.752%
20	12.902	988	990	993	rVB	1190857	1233725	17.68%	4.487%
21	13.085	1000	1006	1008	rBV	61334	93346	1.34%	0.339%
22	13.691	1057	1059	1061	rBV2	49936	82071	1.18%	0.298%
23	13.805	1066	1069	1072	rVB2	61520	114221	1.64%	0.415%
24	13.954	1078	1082	1083	rBV2	751542	1092006	15.65%	3.972%
25	14.434	1122	1124	1127	rBV3	30587	78093	1.12%	0.284%
26	14.959	1167	1170	1175	rBV	175647	341487	4.89%	1.242%
27	15.051	1176	1178	1182	rVB2	59139	121672	1.74%	0.443%
28	15.245	1192	1195	1197	rVB	92730	135525	1.94%	0.493%
29	15.302	1197	1200	1202	rVB	123101	179739	2.58%	0.654%
30	15.359	1202	1205	1215	rVB	517048	712161	10.21%	2.590%
31	15.817	1242	1245	1246	rBV	50647	81041	1.16%	0.295%
32	16.022	1261	1263	1269	rVB5	42030	104732	1.50%	0.381%
33	16.708	1321	1323	1330	rVB2	62885	160783	2.30%	0.585%
34	17.120	1356	1359	1366	rBV	45511	104834	1.50%	0.381%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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	19.188	1536	1540	1546	rVB4	52819	172477	2.47%	0.627%

Sum of corrected areas: 27495288

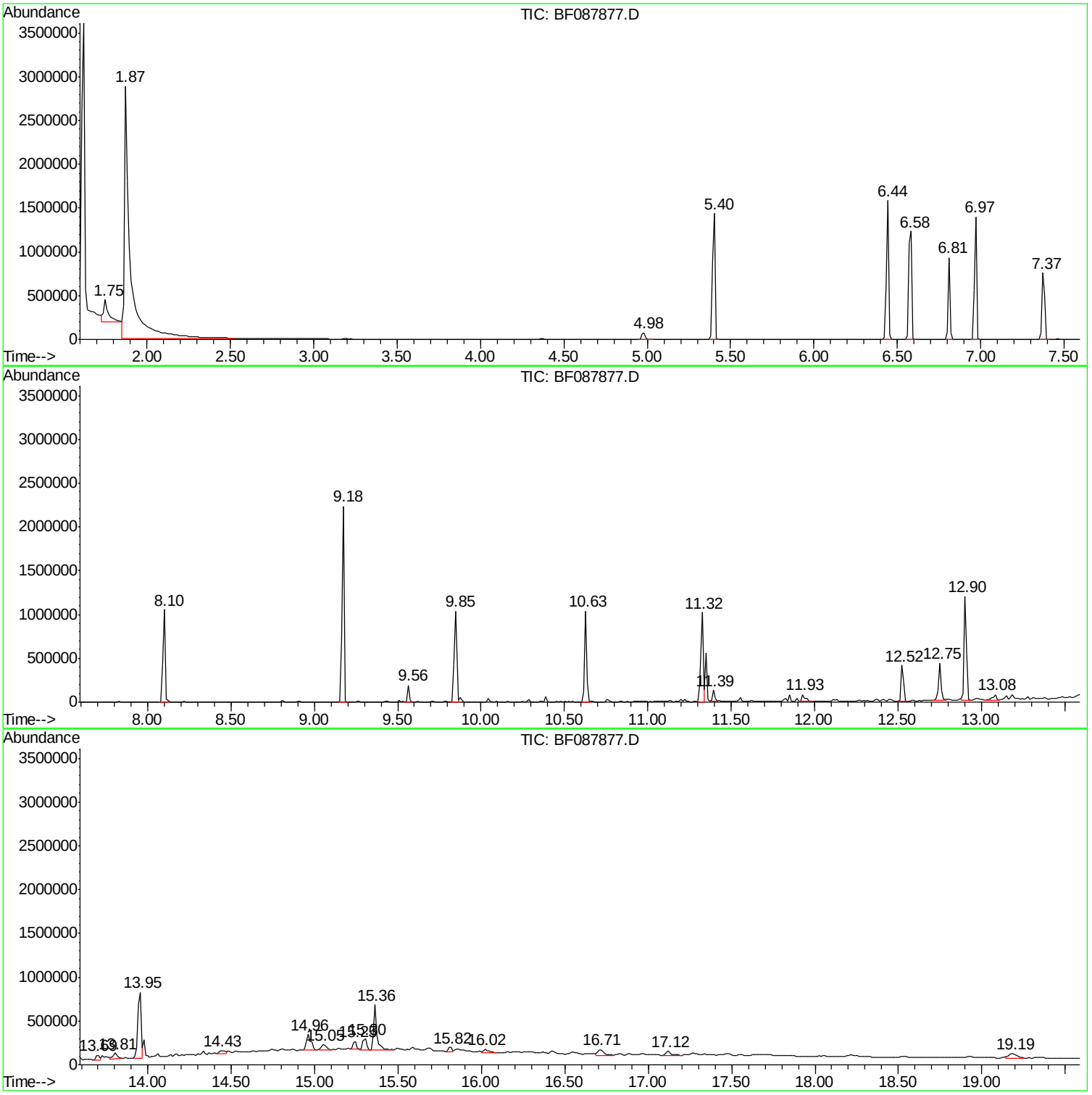
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-56

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\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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

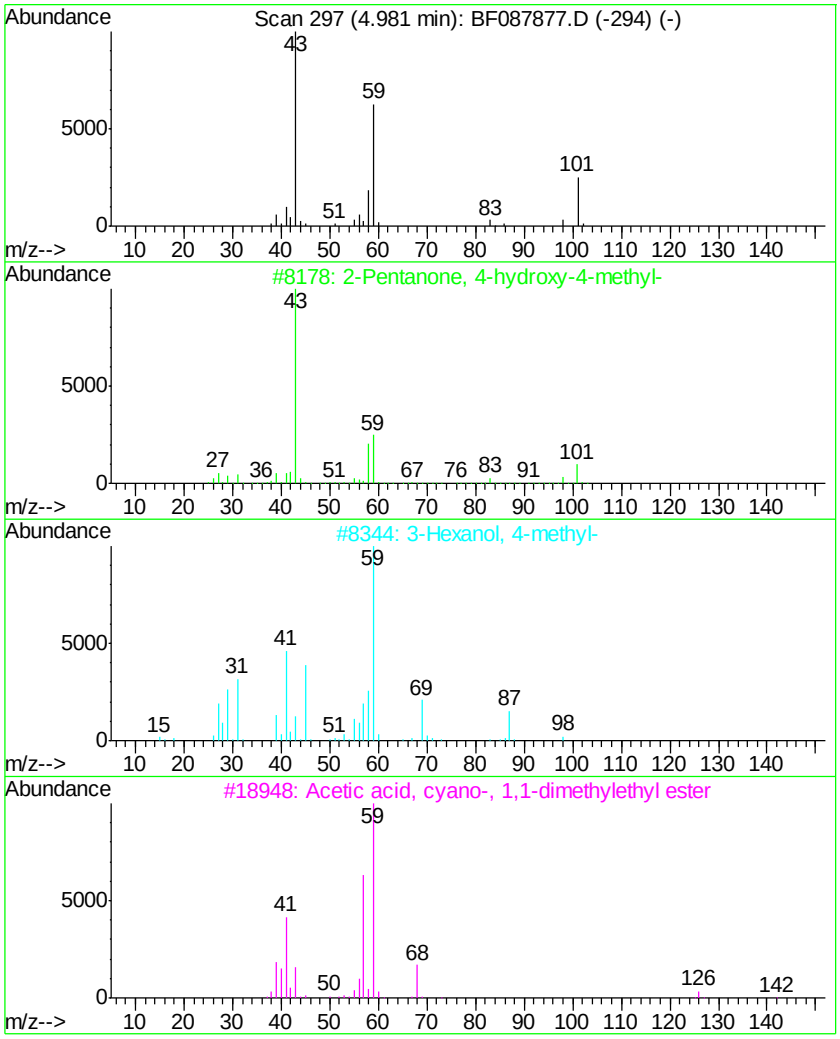
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

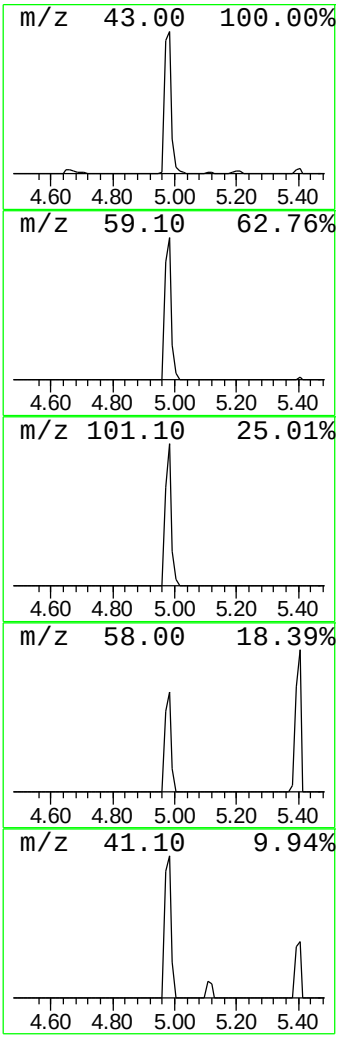
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.99 ng	112089	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	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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

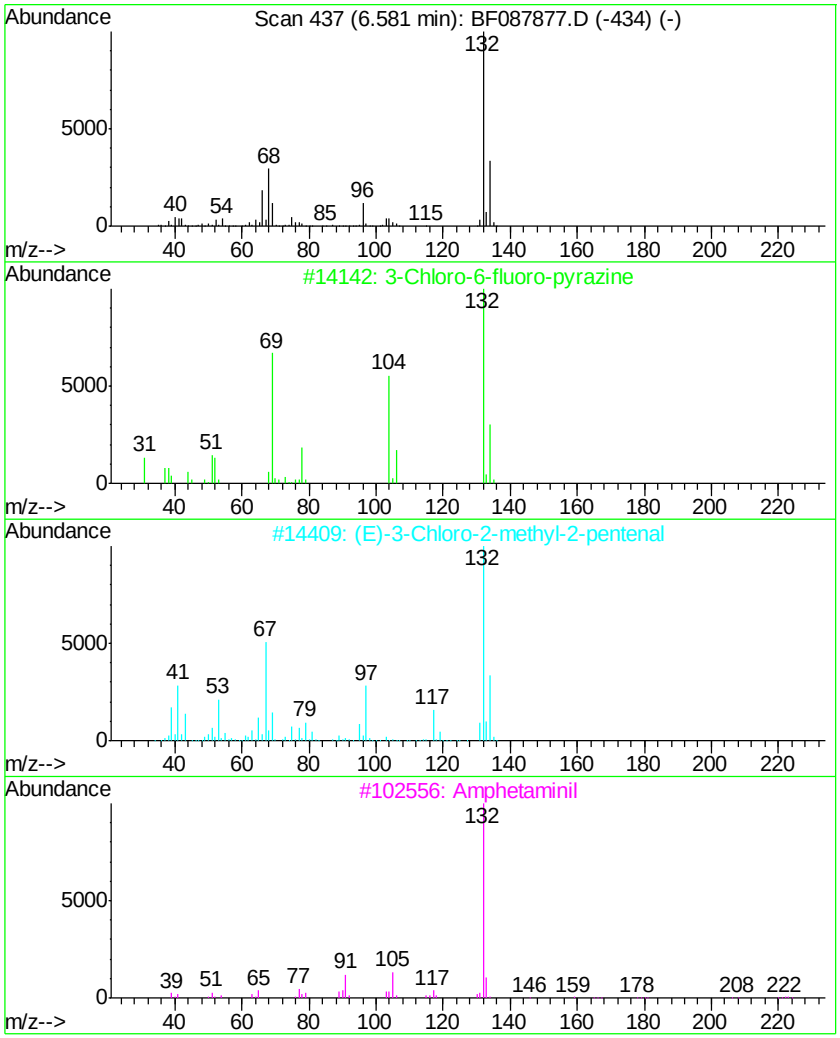
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

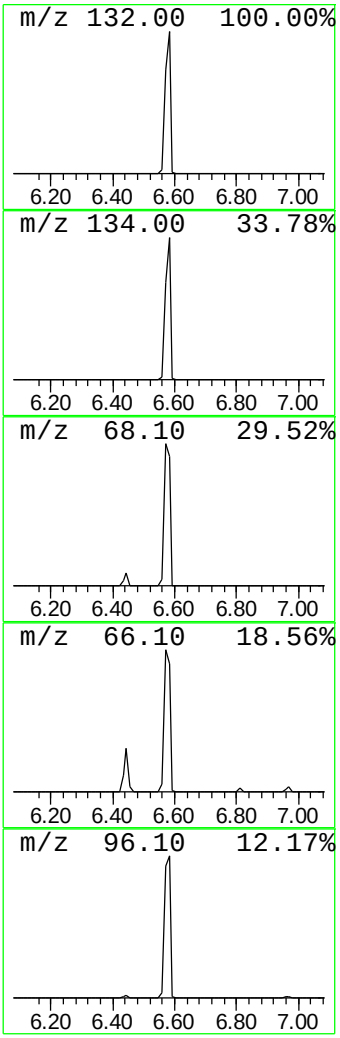
****

Peak Number 4 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	43.76 ng	1641930	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	52
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
3	Amphetaminil	250	C17H18N2	017590-01-1	28
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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

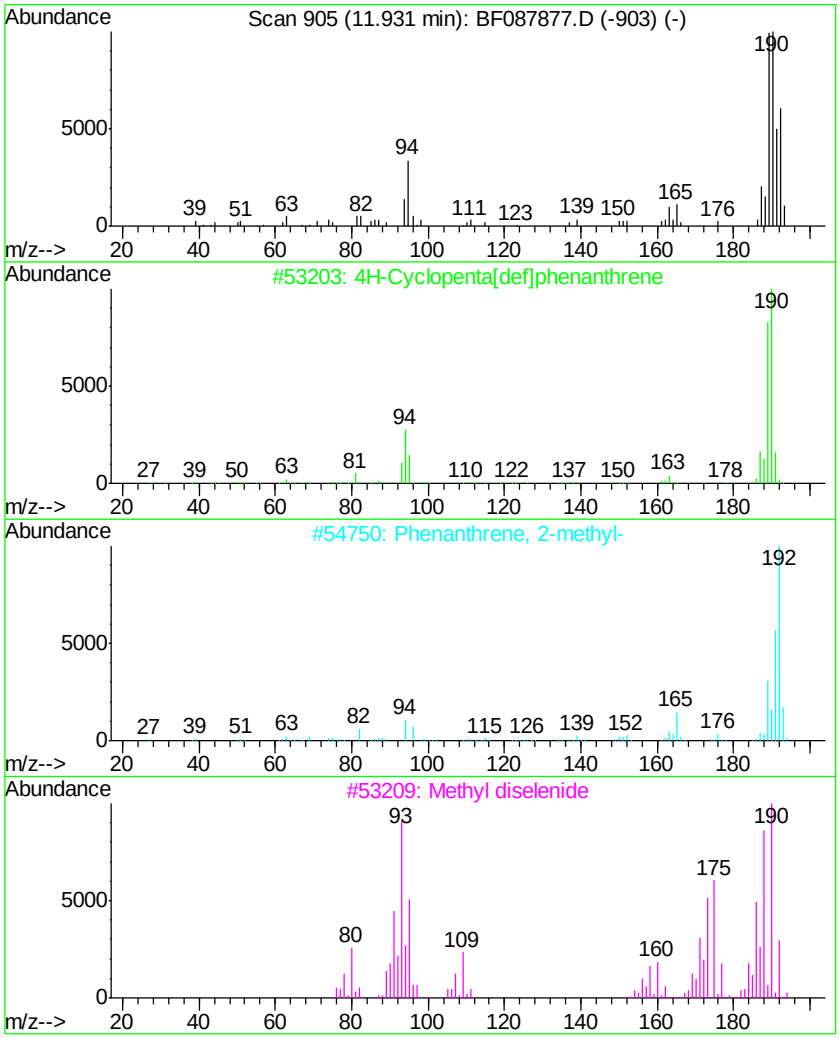
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

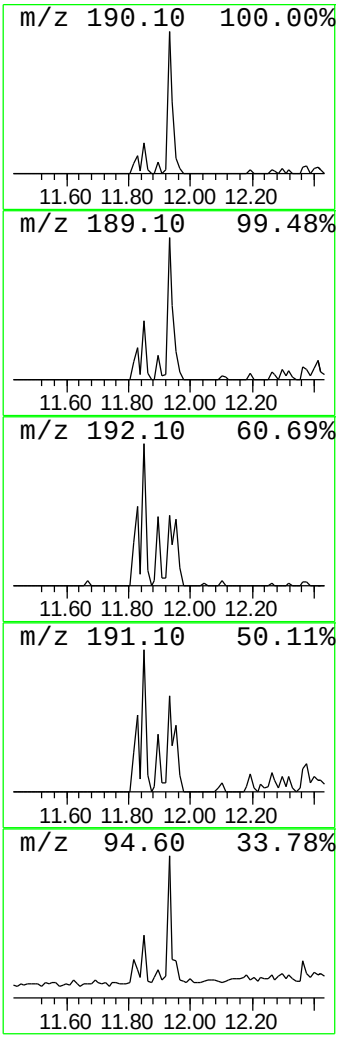
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.41 ng	110374	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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

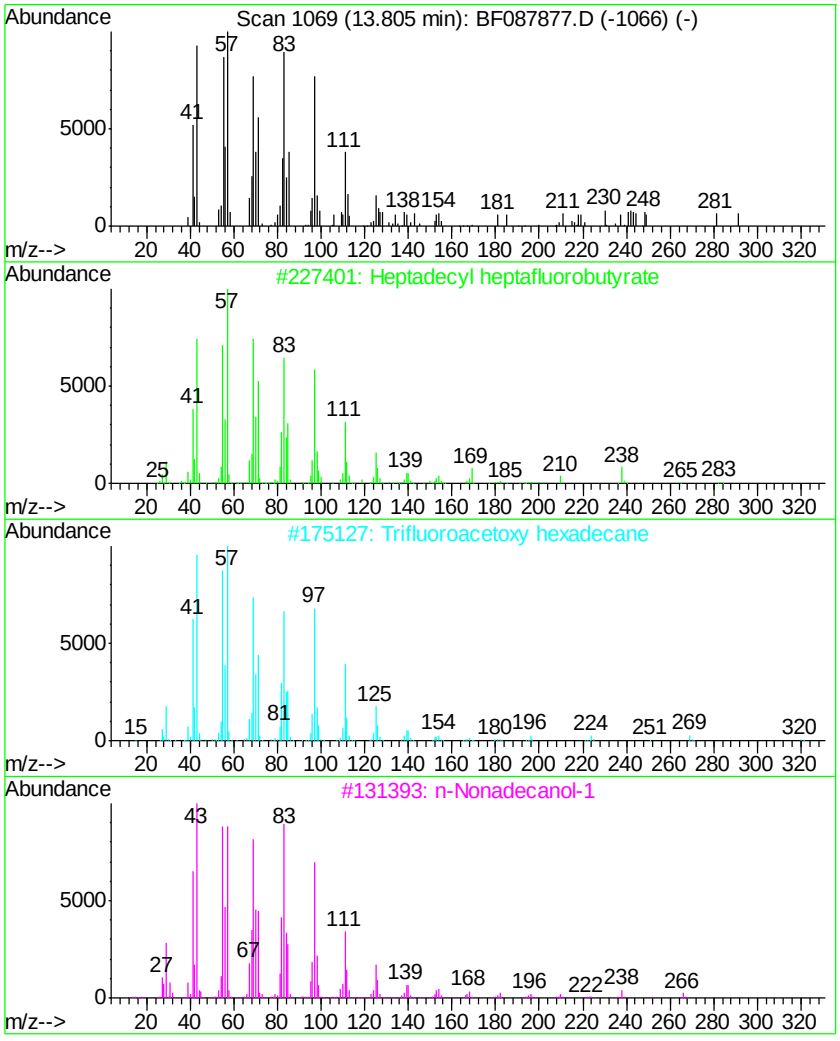
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

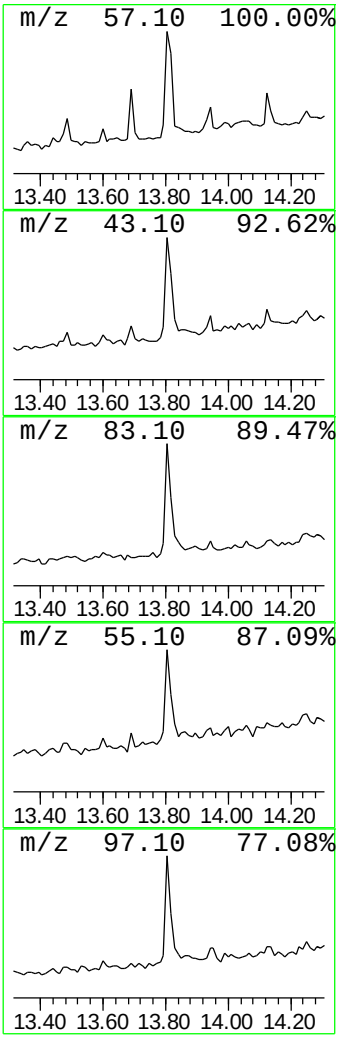
****

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.09 ng	114221	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
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Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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

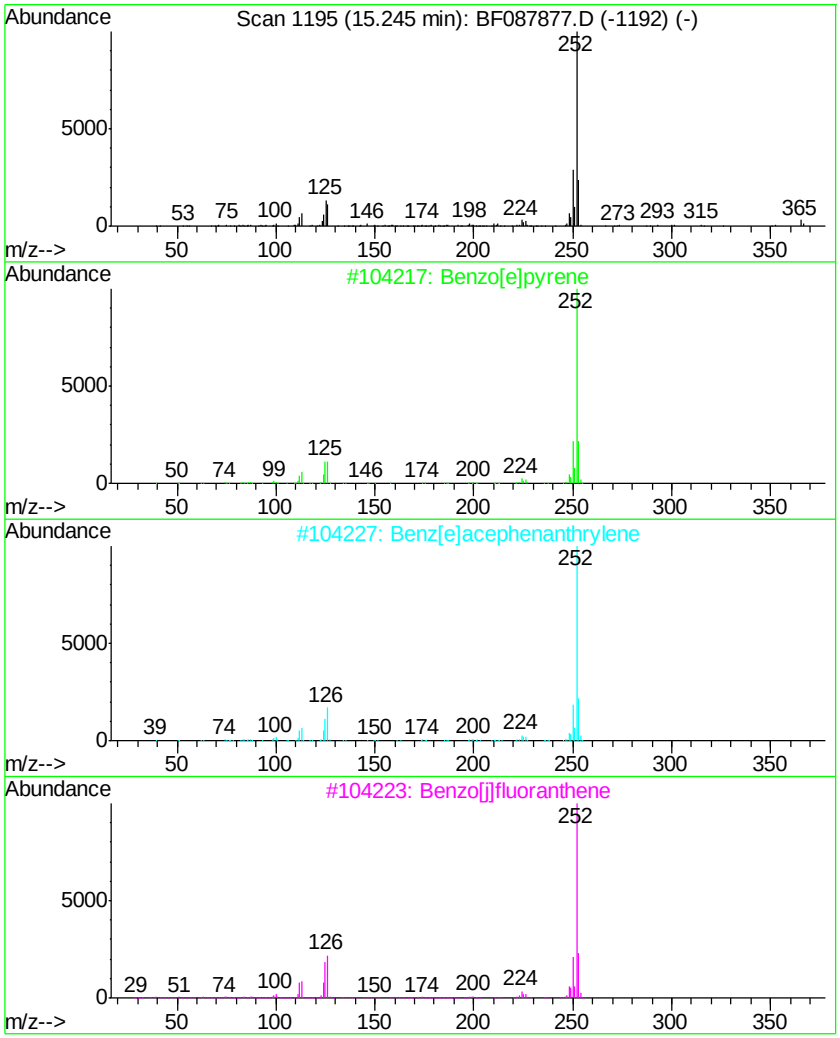
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

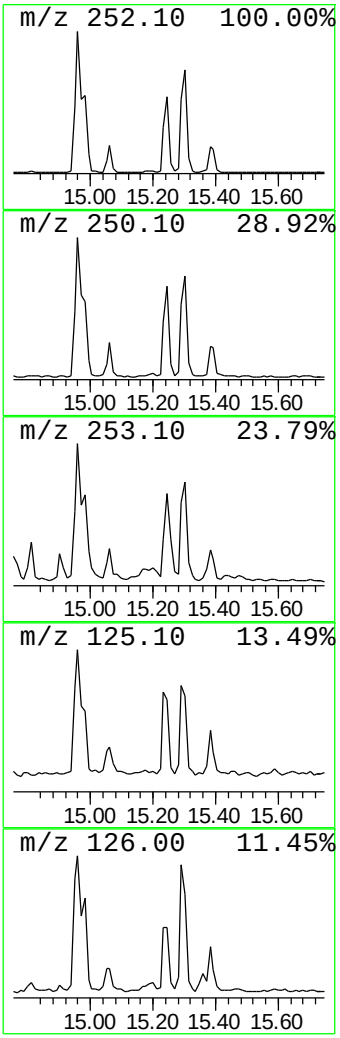
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.81 ng	135525	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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

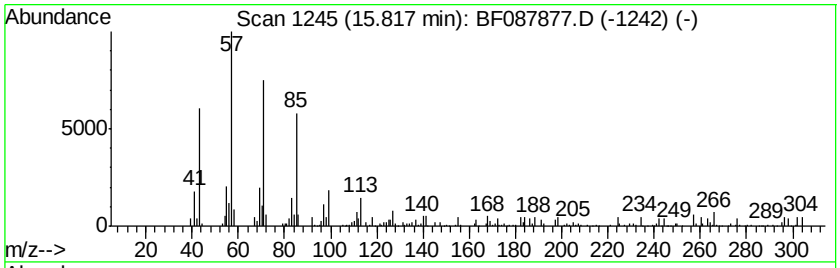
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

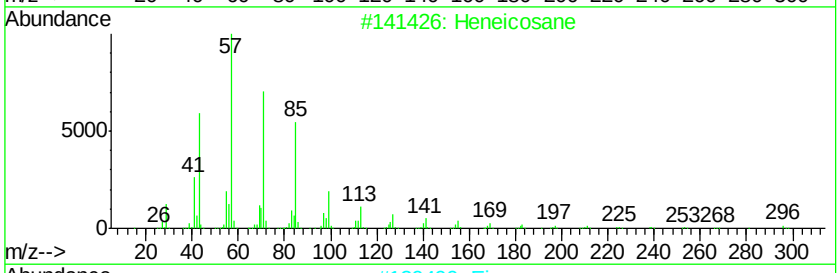
****

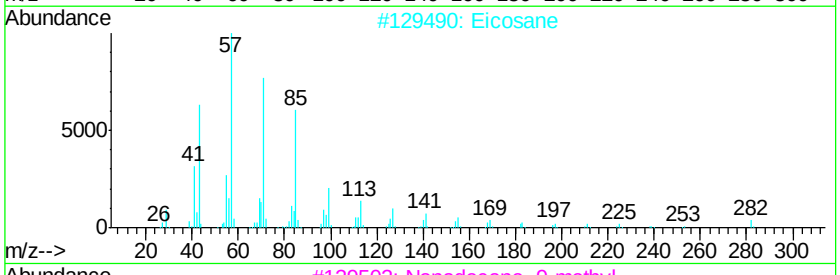
Peak Number 10 Heneicosane Concentration Rank 11

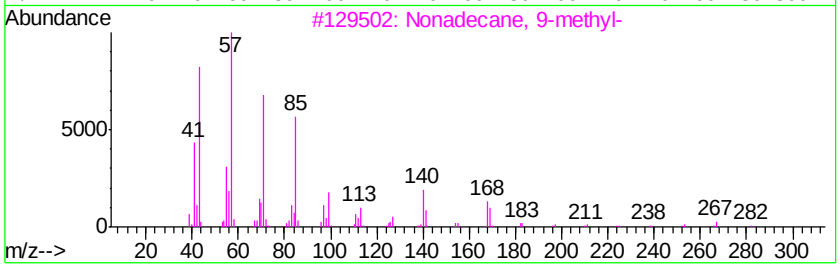
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.28 ng	81041	Perylene-d12	15.36

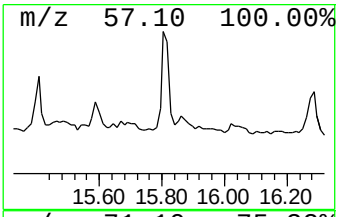
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane	282	C20H42	000112-95-8	97
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
5	Hexacosane	366	C26H54	000630-01-3	76

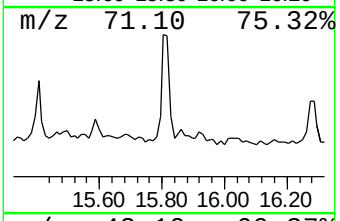


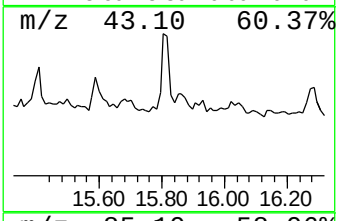


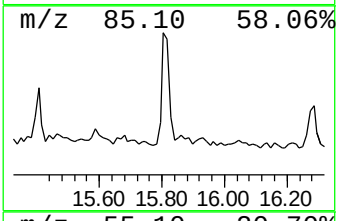


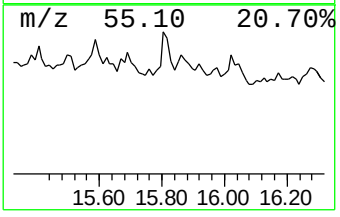












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Data File : BF087877.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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

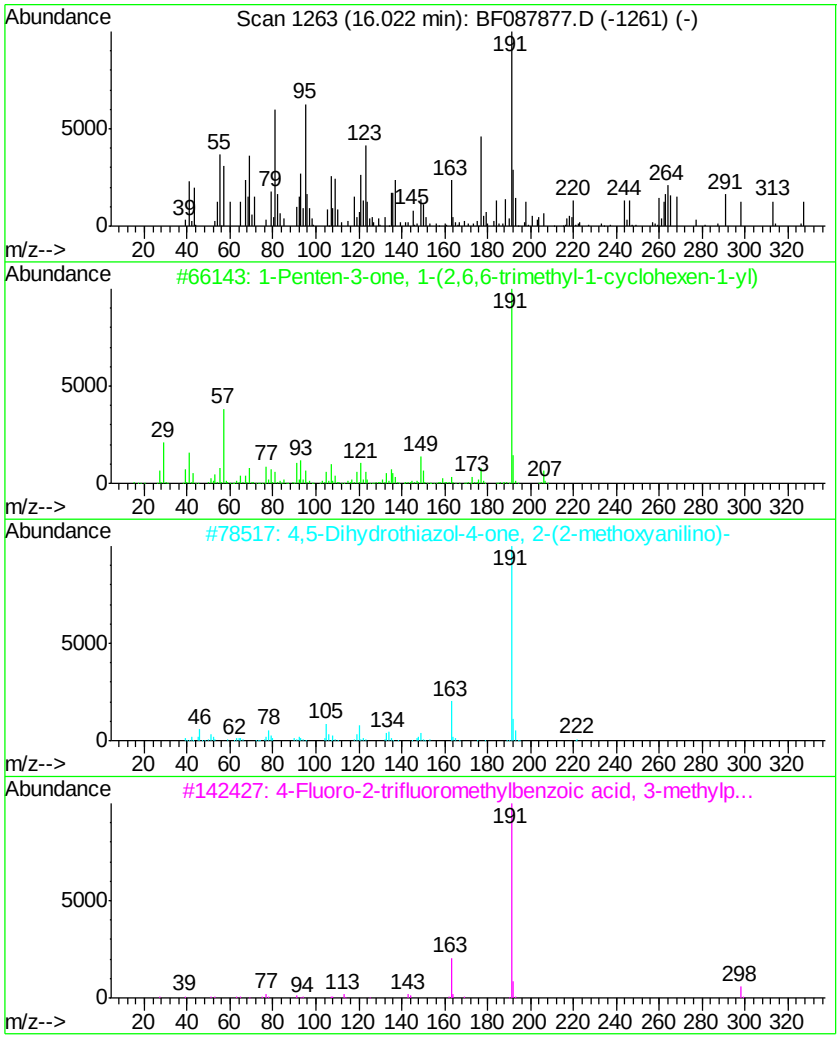
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

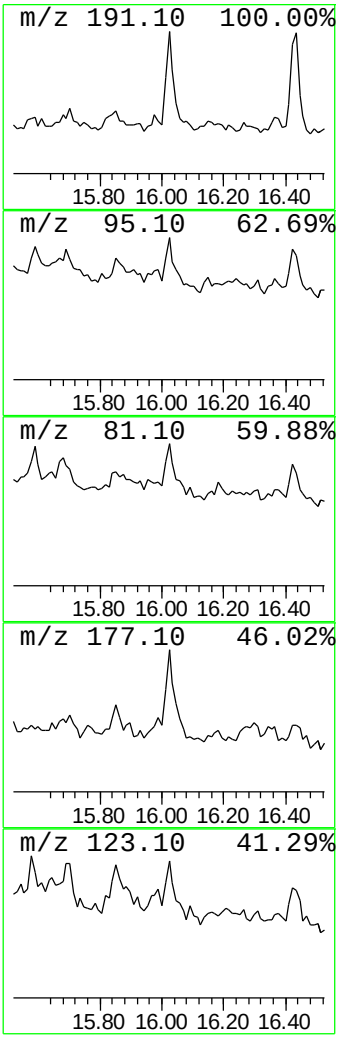
****

Peak Number 11 unknown16.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.94 ng	104732	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	25
2	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	18
3	4-Fluoro-2-trifluoromethylbenzoi...	298	C15H10F4O2	1000357-66-4	14
4	4-Fluoro-3-trifluoromethylbenzoi...	376	C20H28F4O2	1000338-67-2	14
5	2-Fluoro-3-trifluoromethylbenzoi...	376	C20H28F4O2	1000338-51-1	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

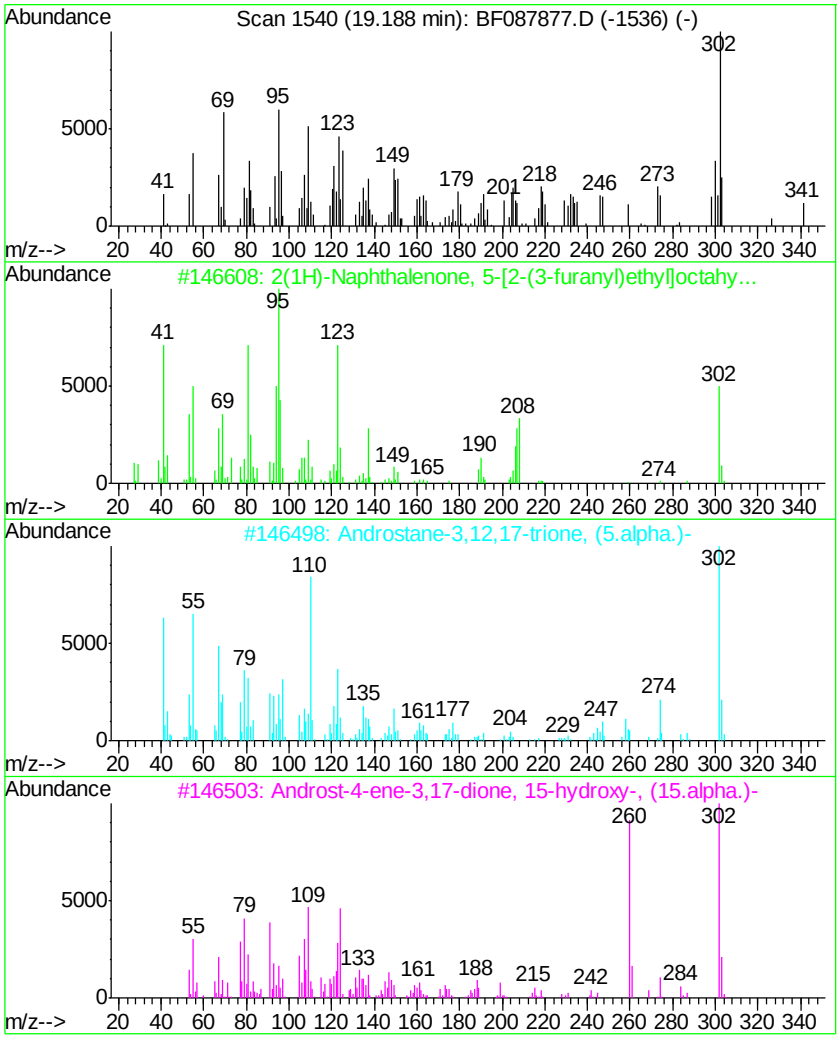
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

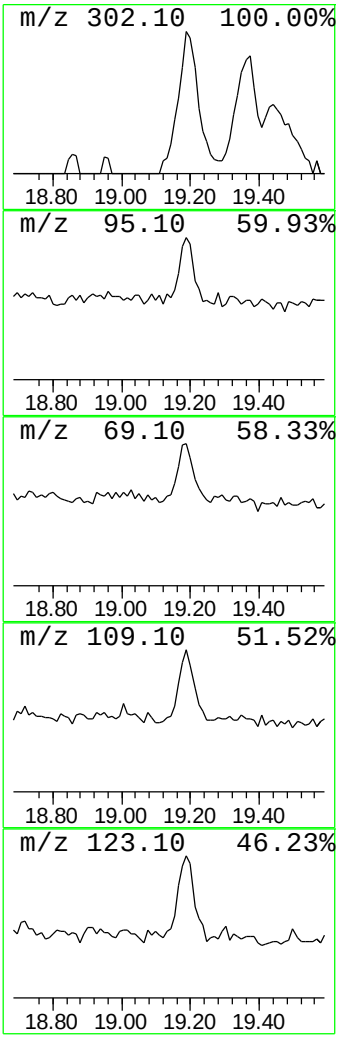
****

Peak Number 12 2(1H)-Naphthalenone, 5-[2-(... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	4.84 ng	172477	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, 5-[2-(3-fur...	302	C20H30O2	059742-40-4	53
2	Androstane-3,12,17-trione, (5.al...	302	C19H26O3	004171-01-1	43
3	Androst-4-ene-3,17-dione, 15-hyd...	302	C19H26O3	000566-08-5	41
4	Androst-4-ene-3,17-dione, 11-hyd...	302	C19H26O3	000382-44-5	41
5	Norethandrolone	302	C20H30O2	000052-78-8	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087877.D
Acq On : 10 Jun 2016 16:27
Operator : UM/SJ
Sample : H3426-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-56

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
2-Pentanone, 4-hy...	4.98	3.0	ng	112089	1	6.81	750351	20.0
3-Chloro-6-fluoro...	6.58	43.8	ng	1641930	1	6.81	750351	20.0
4H-Cyclopenta[def...	11.93	2.4	ng	110374	4	11.32	914343	20.0
Heptadecyl heptaf...	13.81	2.1	ng	114221	5	13.95	1092010	20.0
Benzo[e]pyrene	15.25	3.8	ng	135525	6	15.36	712161	20.0
Heneicosane	15.82	2.3	ng	81041	6	15.36	712161	20.0
unknown16.02	16.02	2.9	ng	104732	6	15.36	712161	20.0
2(1H)-Naphthaleno...	19.19	4.8	ng	172477	6	15.36	712161	20.0