LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087824.D
Acq On : 8 Jun 2016 22:16
Operator : UM/SJ
Sample : H3379-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9

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	1.758	14	15	24	rVB	110308	204048	6.74%	1.087%
2	1.884	24	26	38	rVB	1930457	3025243	100.00%	16.113%
3	4.993	296	298	302	rVB	53214	76779	2.54%	0.409%
4	5.416	332	335	337	rBV	869358	818059	27.04%	4.357%
5	6.456	423	426	428	rBV	1059718	959829	31.73%	5.112%
6	6.593	435	438	440	rBV	1032341	982760	32.49%	5.234%
7	6.822	456	458	461	rBV	556392	559661	18.50%	2.981%
8	6.982	469	472	474	rBV	888548	721587	23.85%	3.843%
9	7.382	505	507	510	rVB	442993	534878	17.68%	2.849%
10	8.113	568	571	572	rBV	997871	855974	28.29%	4.559%
11	9.188	663	665	668	rBV	787816	766590	25.34%	4.083%
12	9.588	698	700	702	rBV	283033	226400	7.48%	1.206%
13	9.873	722	725	726	rBV	841863	859038	28.40%	4.575%
14	9.896	726	727	729	rVB	62688	67074	2.22%	0.357%
15	10.068	741	742	744	rVB	39202	40327	1.33%	0.215%
16	10.411	771	772	775	rVB	67266	66294	2.19%	0.353%
17	10.651	791	793	796	rBV2	453777	515641	17.04%	2.746%
18	10.788	803	805	808	rBV	18279	32040	1.06%	0.171%
19	11.233	839	844	850	rBV2	28749	81418	2.69%	0.434%
20	11.348	852	854	858	rBV	506407	1155072	38.18%	6.152%
21	11.428	858	861	863	rVV	157520	136072	4.50%	0.725%
22	11.576	871	874	876	rBV2	39264	55769	1.84%	0.297%
23	11.851	896	898	899	rBV	50055	47332	1.56%	0.252%
24	11.885	899	901	903	rVB	67798	66874	2.21%	0.356%
25	11.931	903	905	906	rBV	30385	31523	1.04%	0.168%
26	11.965	906	908	913	rVB2	101213	135861	4.49%	0.724%
27	12.068	913	917	920	rBV3	17324	31400	1.04%	0.167%
28	12.148	923	924	928	rVB	40285	62037	2.05%	0.330%
29	12.399	944	946	948	rBV	28457	36424	1.20%	0.194%
30	12.456	948	951	952	rVV2	18661	37867	1.25%	0.202%
31	12.491	952	954	956	rVB3	21325	31163	1.03%	0.166%
32	12.559	958	960	963	rBV	495861	560544	18.53%	2.986%
33	12.708	970	973	977	rBV3	15231	39121	1.29%	0.208%
34	12.788	977	980	983	rVV	502809	651215	21.53%	3.469%

LSC Area Percent Report

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Misc :
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Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.845	983	985	987	rVB2	27341	39018	1.29%	0.208%
36	12.936	991	993	996	rVB	672310	704992	23.30%	3.755%
37	13.016	996	1000	1001	rBV2	34130	56023	1.85%	0.298%
38	13.119	1003	1009	1011	rVB	86658	120846	3.99%	0.644%
39	13.188	1011	1015	1016	rBV	81663	86660	2.86%	0.462%
40	13.222	1016	1018	1019	rBV	57090	51669	1.71%	0.275%
41	13.485	1038	1041	1042	rBV	34122	46171	1.53%	0.246%
42	13.531	1042	1045	1050	rVB4	20415	55991	1.85%	0.298%
43	13.622	1050	1053	1056	rBV2	38697	69659	2.30%	0.371%
44	13.737	1060	1063	1064	rBV	55227	76977	2.54%	0.410%
45	13.988	1081	1085	1091	rBV2	880557	1346797	44.52%	7.173%
46	14.091	1092	1094	1096	rVB	41841	40817	1.35%	0.217%
47	14.377	1117	1119	1120	rVB	39695	42290	1.40%	0.225%
48	15.005	1171	1174	1179	rBV	164100	333982	11.04%	1.779%
49	15.108	1181	1183	1185	rVB	49560	54073	1.79%	0.288%
50	15.291	1197	1199	1202	rVB	95381	134964	4.46%	0.719%
51	15.360	1202	1205	1207	rBV	115460	181534	6.00%	0.967%
52	15.417	1207	1210	1217	rVB	432385	610442	20.18%	3.251%
53	16.800	1328	1331	1335	rVB2	50837	105663	3.49%	0.563%
54	17.211	1364	1367	1371	rBV	33283	70129	2.32%	0.374%
55	19.337	1551	1553	1562	rVB6	19350	74196	2.45%	0.395%

Sum of corrected areas: 18774807

LSC Report - Integrated Chromatogram

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Data File : BF087824.D
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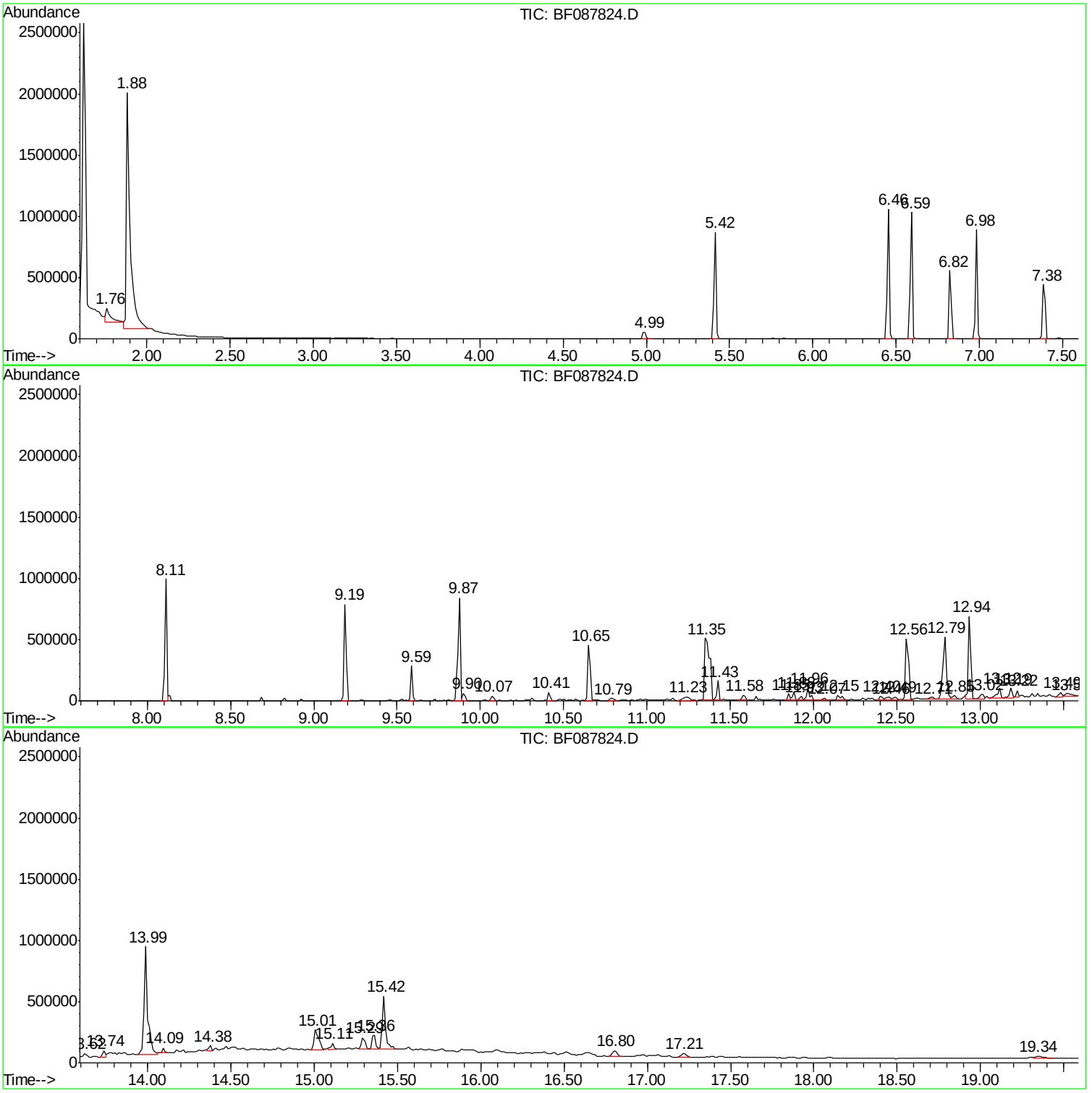
Sample : H3379-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9

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\BF060816\
Data File : BF087824.D
Acq On : 8 Jun 2016 22:16
Operator : UM/SJ
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

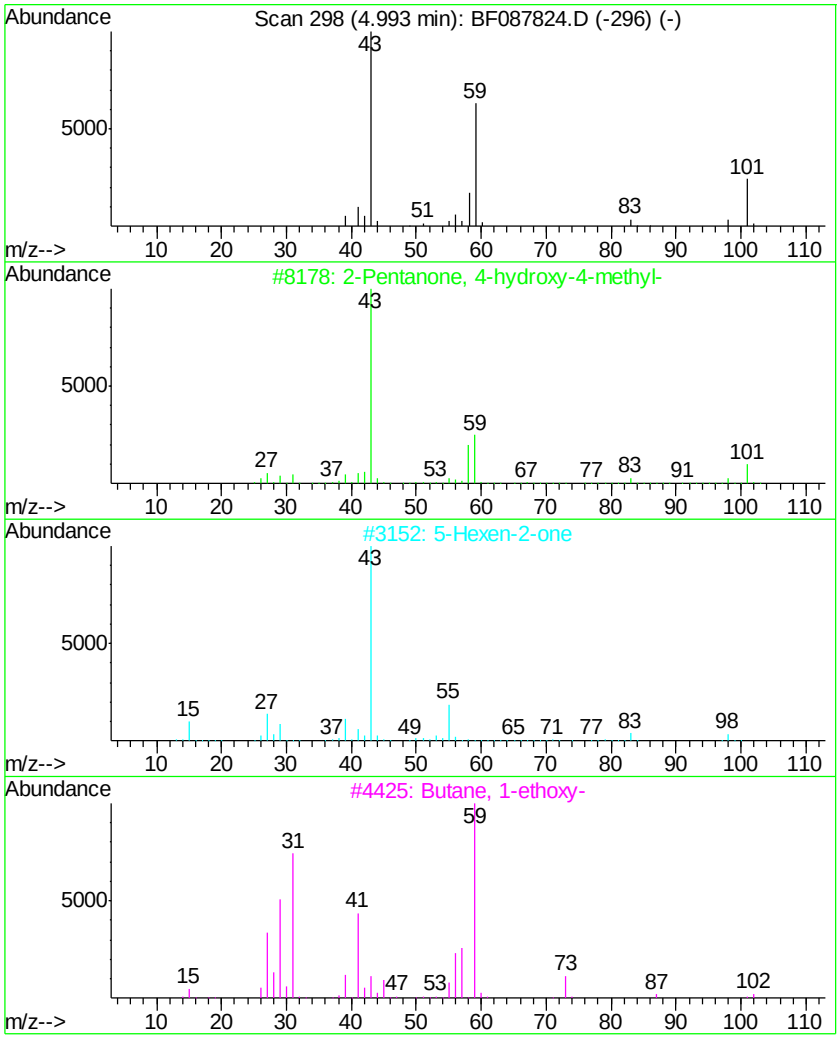
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

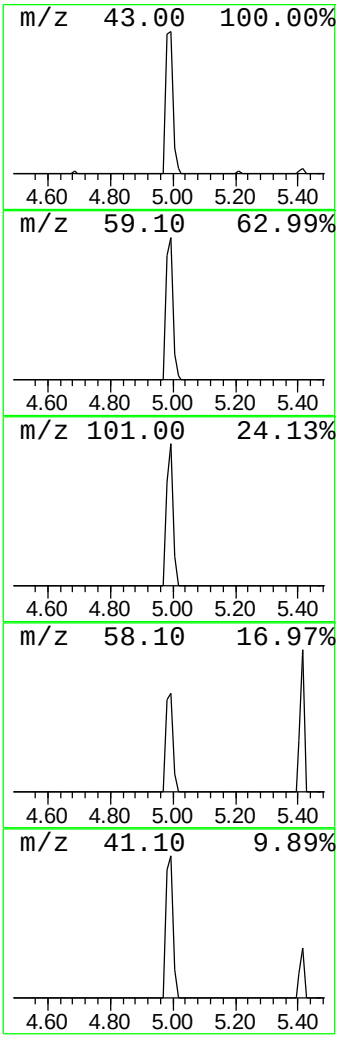
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.74 ng	76779	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	10
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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Acq On : 8 Jun 2016 22:16
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Sample : H3379-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9

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

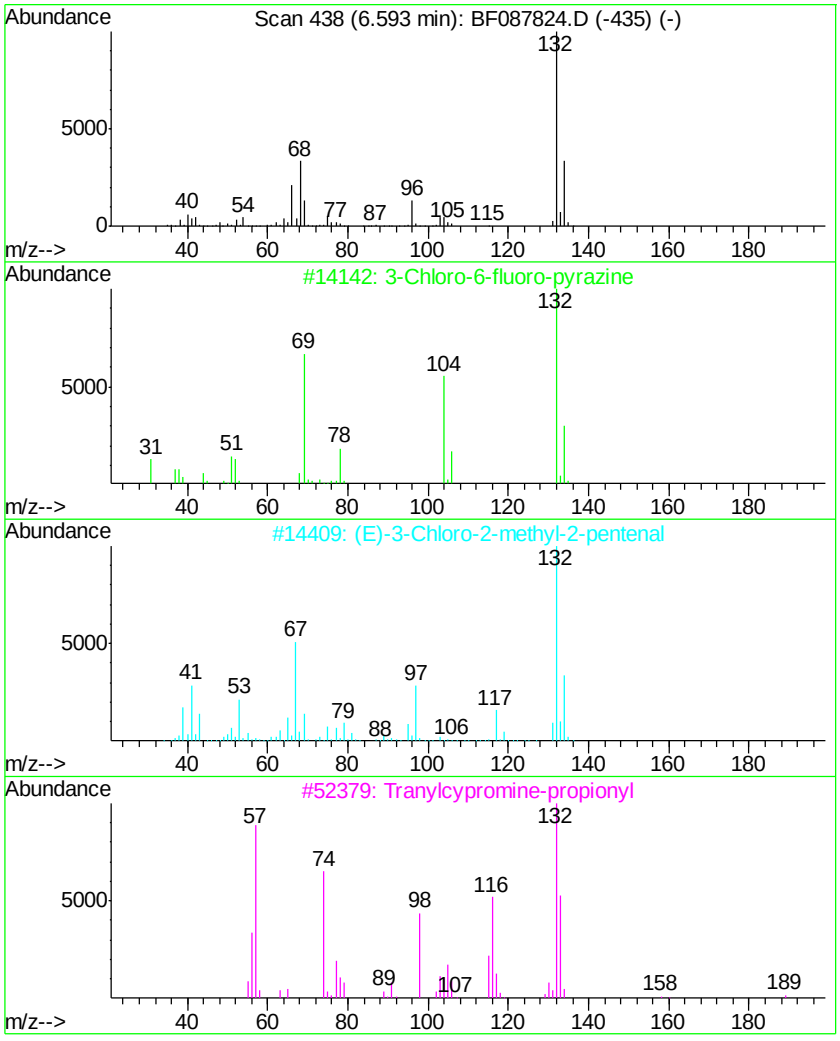
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

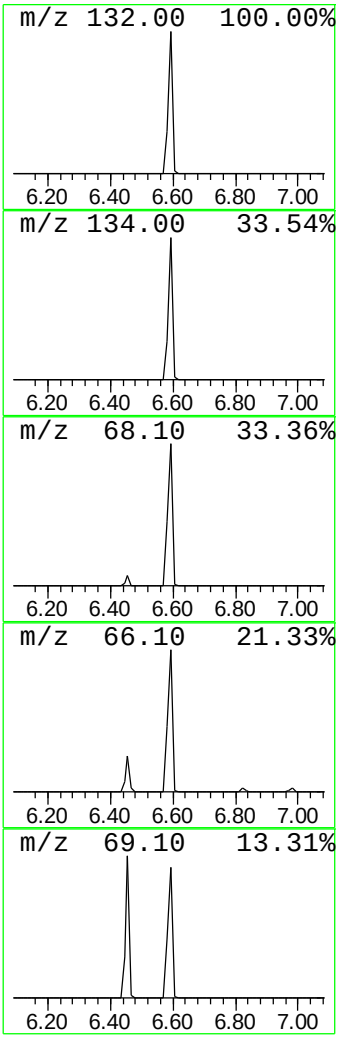
****

Peak Number 4 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	35.12 ng	982760	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9

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
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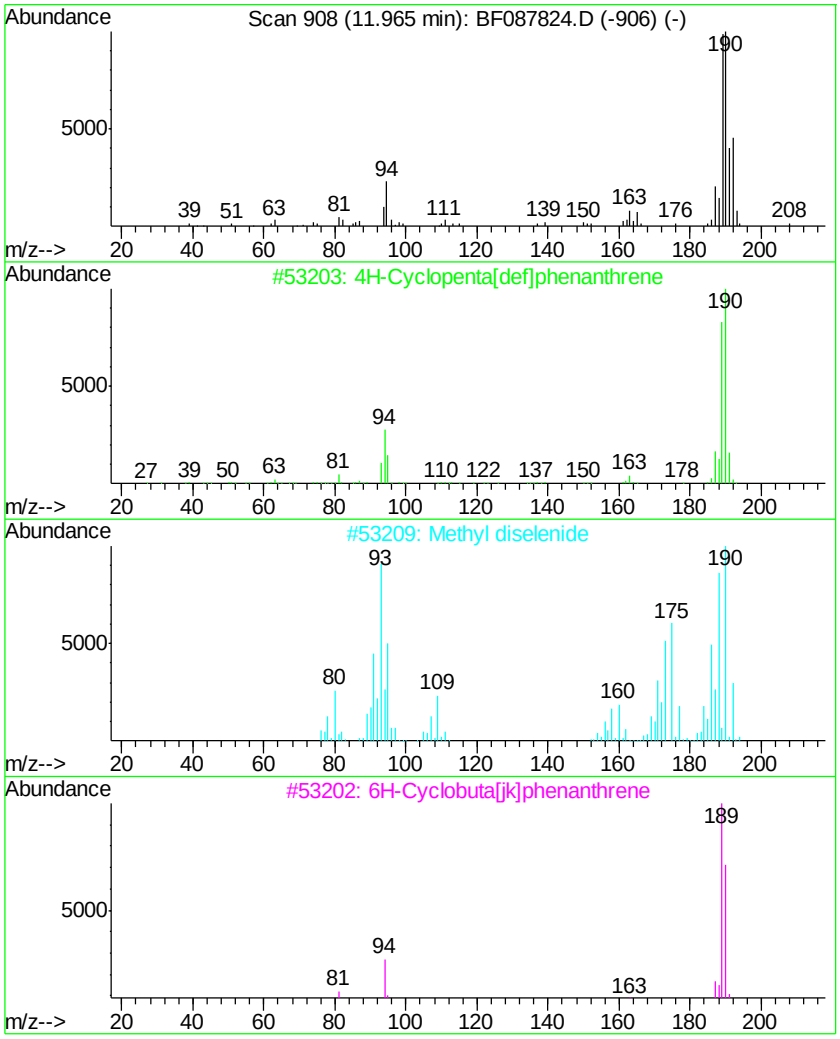
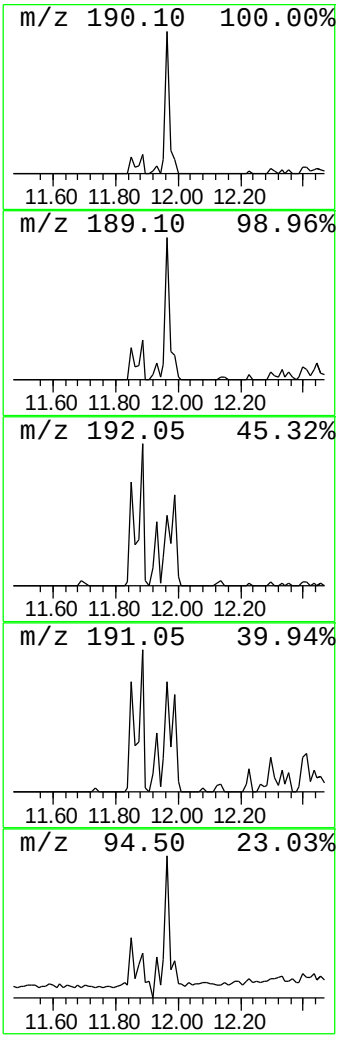
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.35 ng	135861	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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Misc :
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Instrument : BNA_F
ClientSampleId : SS-9

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

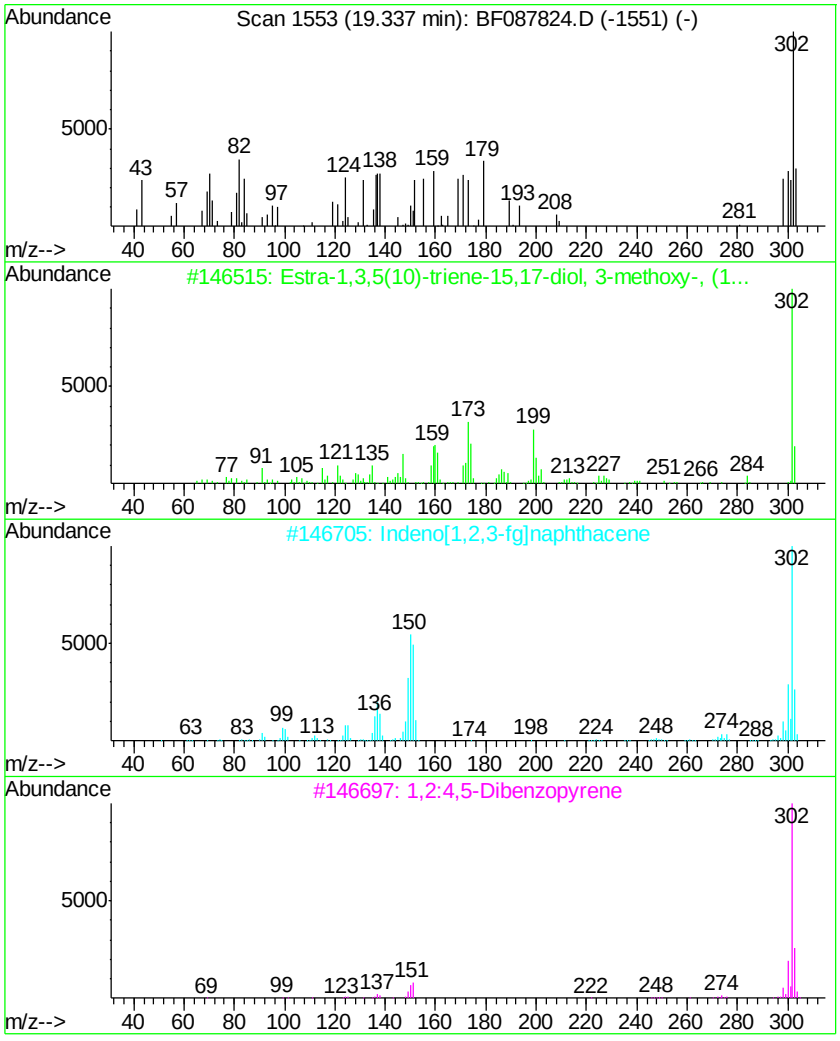
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

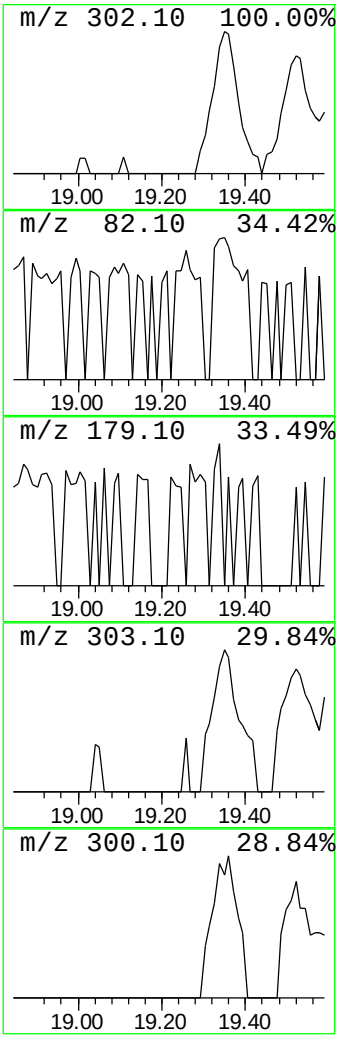
****

Peak Number 8 unknown19.34 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.43 ng	74196	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estra-1,3,5(10)-triene-15,17-dio...	302	C19H26O3	028715-36-8	35
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	30
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	27
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	27
5	Estra-1,3,5(10)-triene-3,17-diol...	302	C19H26O3	000362-07-2	25





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	2.7	ng	76779	1	6.82	559661	20.0
unknown6.59	6.59	35.1	ng	982760	1	6.82	559661	20.0
4H-Cyclopenta[def...	11.97	2.4	ng	135861	4	11.36	1155070	20.0
unknown19.34	19.34	2.4	ng	74196	6	15.42	610442	20.0