LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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	1.678	6	8	67	rVB	2956386	9251347	100.00%	12.642%
2	2.547	82	84	103	rVB5	19330	110677	1.20%	0.151%
3	4.616	262	265	279	rVB	450164	724479	7.83%	0.990%
4	5.084	303	306	309	rBV	2783464	3083704	33.33%	4.214%
5	6.170	398	401	404	rBV	2377960	3201294	34.60%	4.375%
6	6.285	408	411	414	rVV	3121916	3123180	33.76%	4.268%
7	6.513	429	431	434	rBV	767709	877781	9.49%	1.199%
8	6.673	442	445	448	rBV	2744690	2604386	28.15%	3.559%
9	7.085	479	481	484	rBV	1449756	2062876	22.30%	2.819%
10	7.553	520	522	528	rBV2	169601	180674	1.95%	0.247%
11	7.805	542	544	548	rBV	1313596	1225239	13.24%	1.674%
12	8.890	636	639	641	rBV	3751905	3804185	41.12%	5.198%
13	9.211	665	667	671	rVV	65691	117792	1.27%	0.161%
14	9.291	671	674	676	rVV	1137825	1095627	11.84%	1.497%
15	9.405	682	684	687	rVB	194214	219791	2.38%	0.300%
16	9.553	694	697	698	rBV	1154233	1250850	13.52%	1.709%
17	9.576	698	699	702	rVB	163668	164109	1.77%	0.224%
18	9.748	712	714	716	rBV	78882	119865	1.30%	0.164%
19	9.976	730	734	736	rBV3	54763	118681	1.28%	0.162%
20	10.091	742	744	746	rVV	214434	178738	1.93%	0.244%
21	10.331	762	765	768	rBV	1658697	1763991	19.07%	2.410%
22	10.479	772	778	781	rBV3	93653	171164	1.85%	0.234%
23	10.639	788	792	793	rBV	60960	110257	1.19%	0.151%
24	10.765	801	803	806	rBV2	60812	112665	1.22%	0.154%
25	10.822	806	808	811	rVB	95507	139631	1.51%	0.191%
26	10.914	814	816	818	rVB2	122800	169076	1.83%	0.231%
27	11.039	823	827	829	rBV2	1701164	2846696	30.77%	3.890%
28	11.096	829	832	834	rVV	419381	547189	5.91%	0.748%
29	11.256	842	846	850	rBV3	130818	247593	2.68%	0.338%
30	11.348	853	854	857	rVB2	168950	143359	1.55%	0.196%
31	11.519	866	869	870	rBV	400118	395805	4.28%	0.541%
32	11.542	870	871	873	rVB	439397	407774	4.41%	0.557%
33	11.588	873	875	877	rBV	276634	475612	5.14%	0.650%
34	11.622	877	878	883	rVB	608132	843819	9.12%	1.153%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

35	11.817	891	895	900	rVB2	229003	466077	5.04%	0.637%
36	11.965	905	908	909	rBV2	74905	114152	1.23%	0.156%
37	12.068	914	917	918	rBV	248747	308607	3.34%	0.422%
38	12.102	918	920	922	rVV	98747	156797	1.69%	0.214%
39	12.148	922	924	928	rVB3	193352	283123	3.06%	0.387%
40	12.228	928	931	933	rBV	2038261	2969444	32.10%	4.058%
41	12.274	933	935	937	rBV2	82334	108092	1.17%	0.148%
42	12.308	937	938	940	rVB	125158	110855	1.20%	0.151%
43	12.365	940	943	947	rBV3	329853	515719	5.57%	0.705%
44	12.445	947	950	952	rVV	2507699	2885840	31.19%	3.943%
45	12.491	952	954	958	rVB2	120305	259566	2.81%	0.355%
46	12.571	958	961	962	rBV	111905	192338	2.08%	0.263%
47	12.605	962	964	966	rVV	2493108	2604969	28.16%	3.560%
48	12.662	966	969	971	rVB2	167850	284561	3.08%	0.389%
49	12.777	974	979	980	rVB3	285611	618780	6.69%	0.846%
50	12.834	983	984	986	rBV	184075	257163	2.78%	0.351%
51	12.868	986	987	991	rVB	291638	366125	3.96%	0.500%
52	12.959	994	995	996	rBV	164217	157268	1.70%	0.215%
53	12.994	996	998	1000	rVV2	174447	182667	1.97%	0.250%
54	13.074	1003	1005	1010	rBV5	54711	114451	1.24%	0.156%
55	13.199	1010	1016	1017	rBV5	106549	324389	3.51%	0.443%
56	13.268	1020	1022	1025	rVB	225881	283451	3.06%	0.387%
57	13.382	1030	1032	1033	rBV	304965	361549	3.91%	0.494%
58	13.428	1033	1036	1037	rVV2	167949	293965	3.18%	0.402%
59	13.485	1039	1041	1042	rVB	168186	223838	2.42%	0.306%
60	13.520	1042	1044	1050	rVB3	275791	428081	4.63%	0.585%
61	13.622	1050	1053	1060	rBV3	1388228	4051366	43.79%	5.536%
62	13.737	1060	1063	1064	rBV2	182871	204797	2.21%	0.280%
63	13.840	1070	1072	1075	rVB2	111892	192375	2.08%	0.263%
64	14.022	1085	1088	1089	rVV	189623	286769	3.10%	0.392%
65	14.045	1089	1090	1092	rVB2	125821	153617	1.66%	0.210%
66	14.102	1093	1095	1097	rBV2	106249	129124	1.40%	0.176%
67	14.148	1097	1099	1103	rVB4	287433	428597	4.63%	0.586%
68	14.320	1111	1114	1115	rBV2	83316	141682	1.53%	0.194%
69	14.560	1134	1135	1138	rVB2	112750	121111	1.31%	0.165%
70	14.617	1138	1140	1144	rBV	1177659	2288183	24.73%	3.127%
71	14.697	1146	1147	1148	rVV	196095	243999	2.64%	0.333%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

72	14.731	1148	1150	1153	rVB2	248612	481138	5.20%	0.657%
73	14.857	1159	1161	1164	rVB	639450	827416	8.94%	1.131%
74	14.914	1164	1166	1168	rBV	966891	1060848	11.47%	1.450%
75	14.960	1168	1170	1175	rVV2	481482	882199	9.54%	1.206%
76	15.188	1188	1190	1194	rVB3	144185	189105	2.04%	0.258%
77	15.383	1204	1207	1208	rBV	233204	321072	3.47%	0.439%
78	15.417	1208	1210	1213	rVV2	173257	262816	2.84%	0.359%
79	15.474	1213	1215	1218	rVB2	89142	124323	1.34%	0.170%
80	15.783	1240	1242	1244	rBV2	59510	105231	1.14%	0.144%
81	15.874	1248	1250	1256	rVB5	99655	252789	2.73%	0.345%
82	16.000	1257	1261	1267	rBV3	156934	412708	4.46%	0.564%
83	16.137	1269	1273	1276	rVB2	373288	715212	7.73%	0.977%
84	16.274	1280	1285	1286	rBV2	99113	278333	3.01%	0.380%
85	16.320	1286	1289	1293	rVB3	100073	212980	2.30%	0.291%
86	16.480	1299	1303	1310	rVB	335314	670742	7.25%	0.917%
87	16.606	1310	1314	1317	rBV4	245378	608213	6.57%	0.831%
88	17.394	1380	1383	1391	rVB3	83019	237763	2.57%	0.325%
89	18.229	1451	1456	1463	rVB2	101463	405723	4.39%	0.554%
90	18.377	1466	1469	1473	rVV	44769	128766	1.39%	0.176%

Sum of corrected areas: 73180770

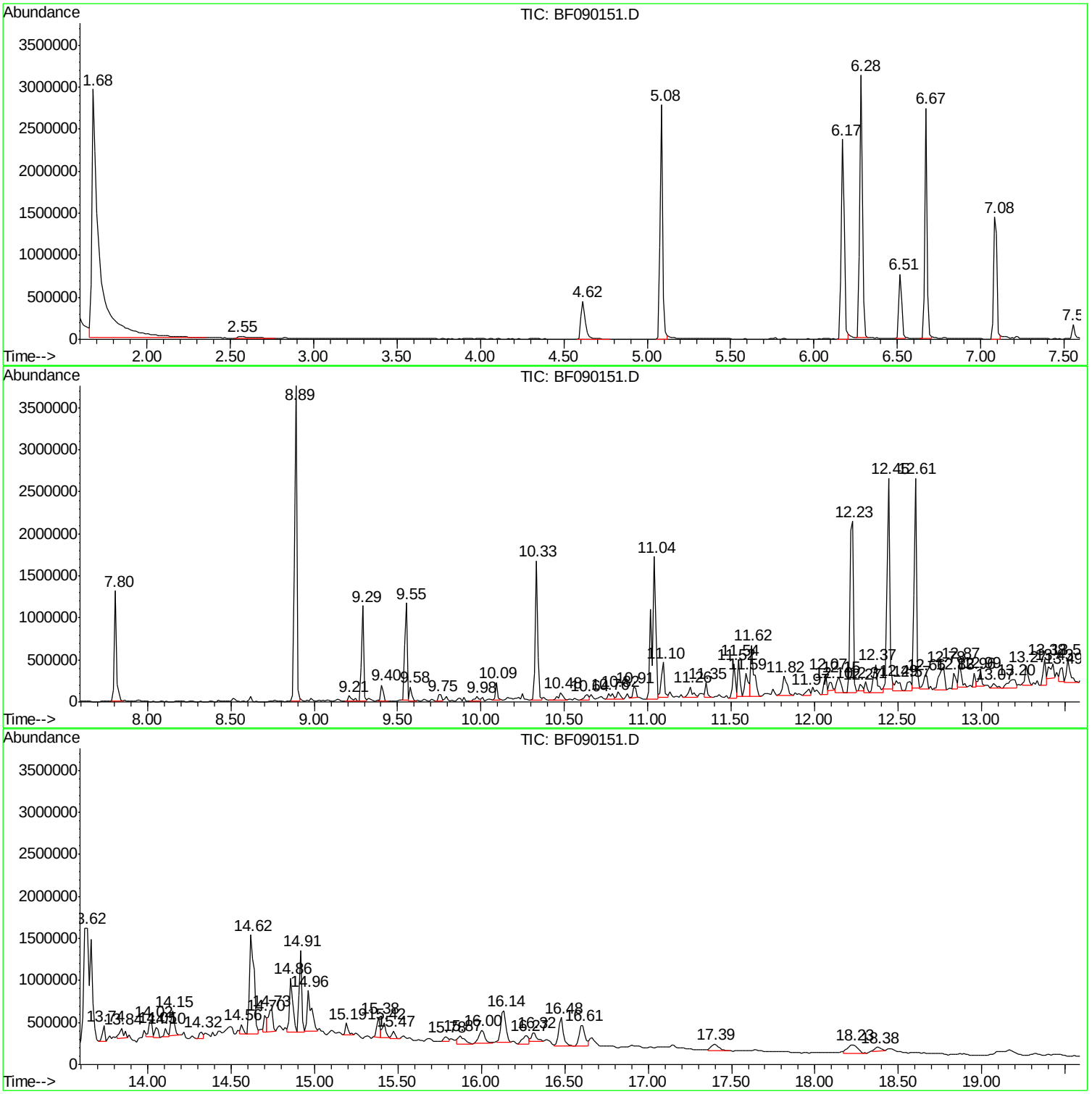
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-03-NORTHSIDE

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

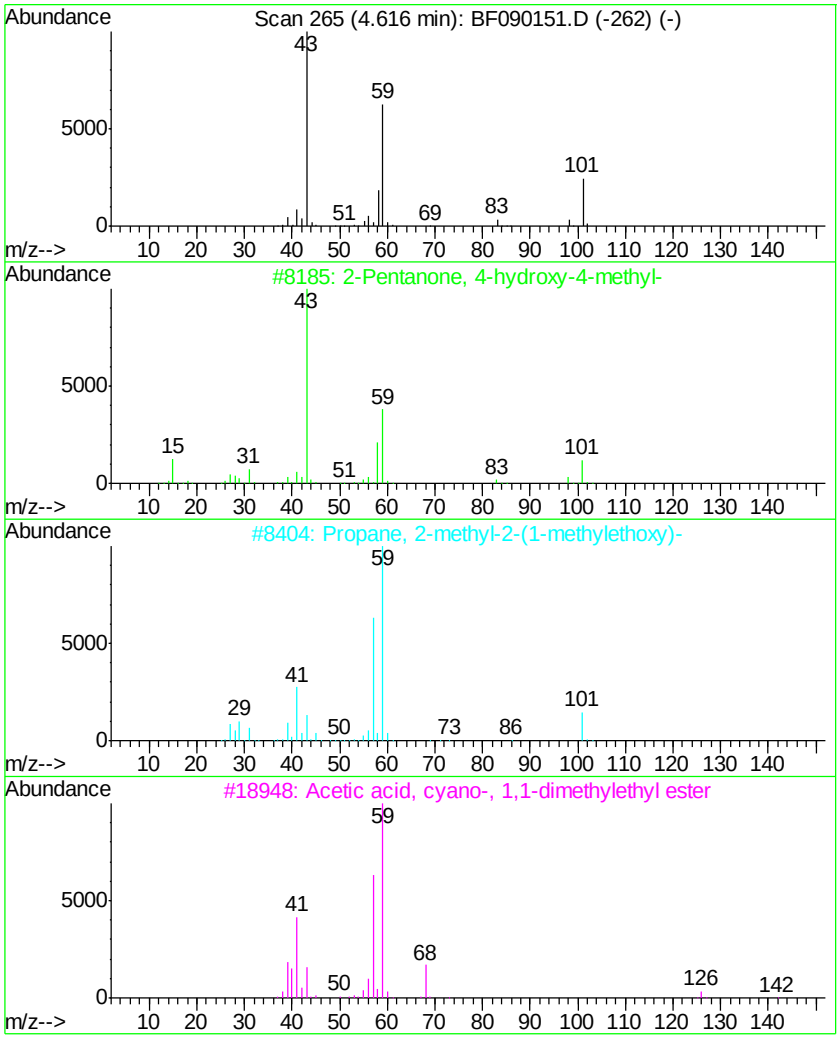
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

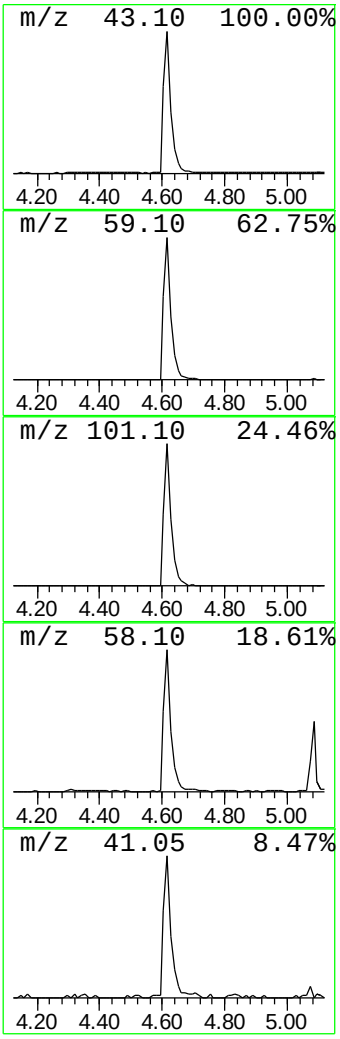
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	16.51 ng	724479	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

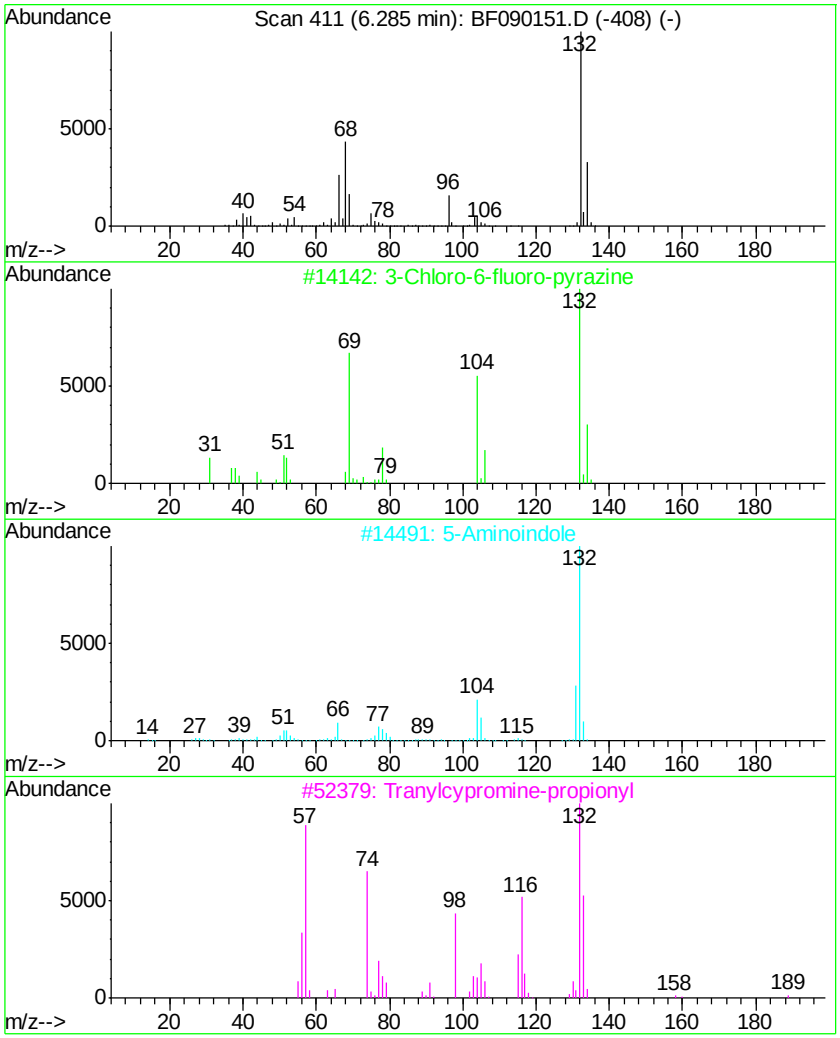
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

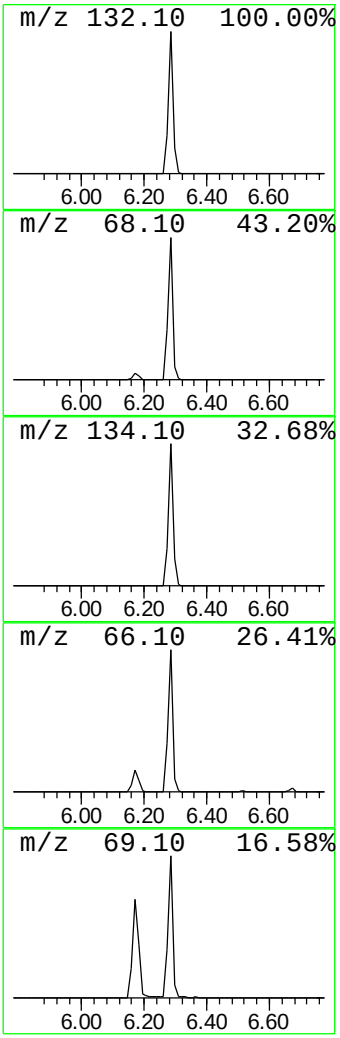
****

Peak Number 3 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	71.16 ng	3123180	1,4-Dichlorobenzene-d4	6.51

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

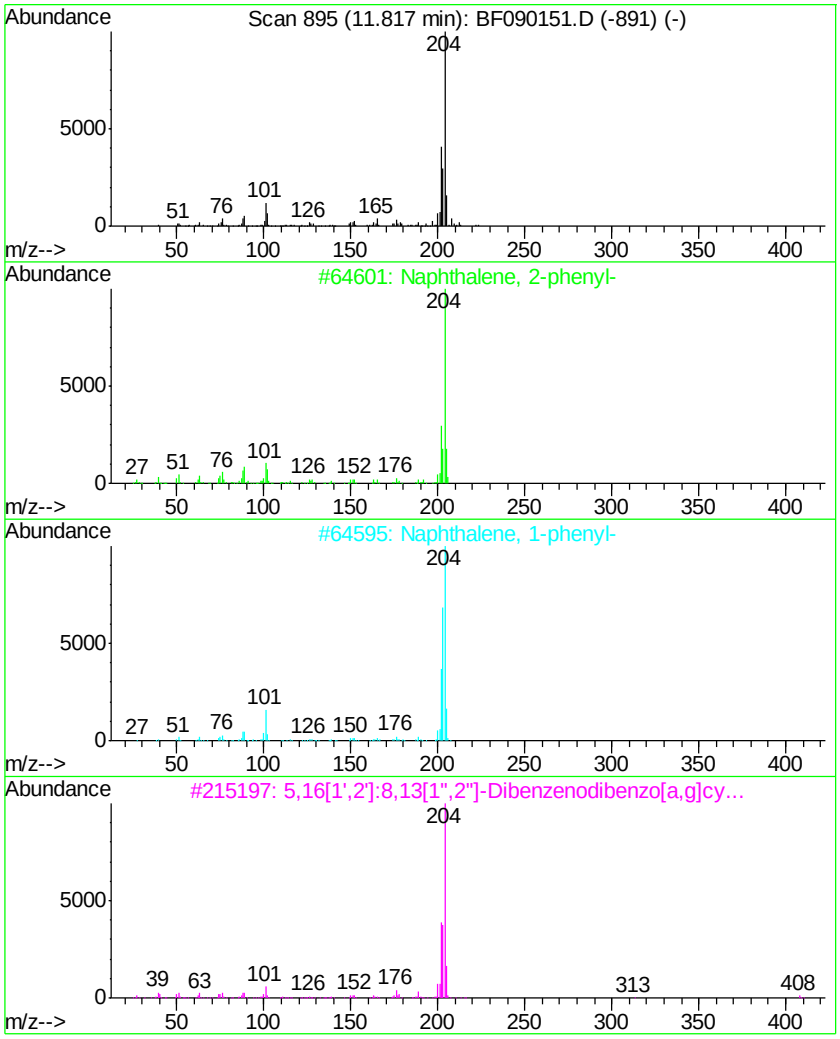
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

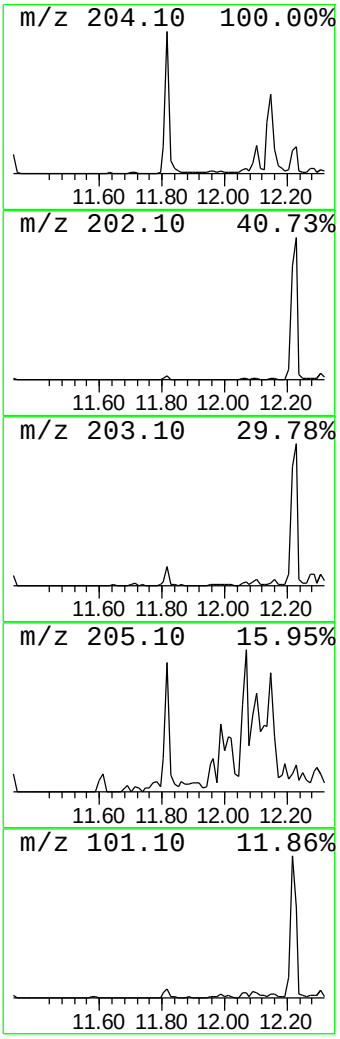
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.27 ng	466077	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

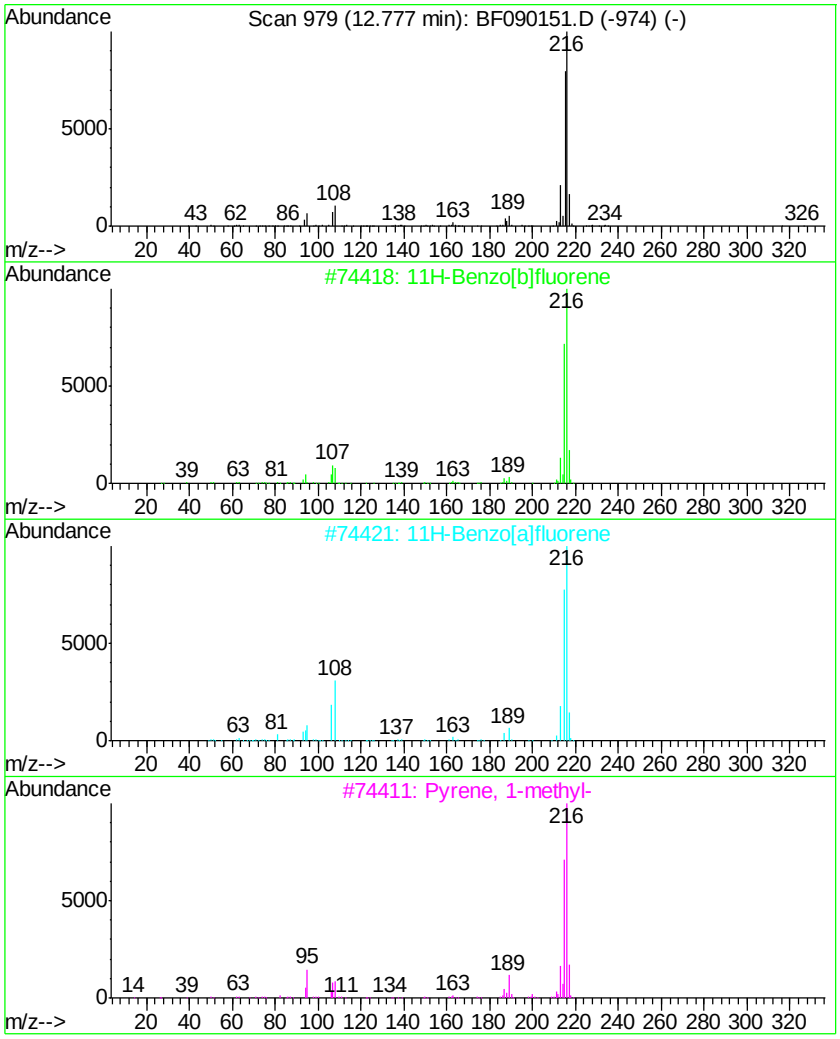
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

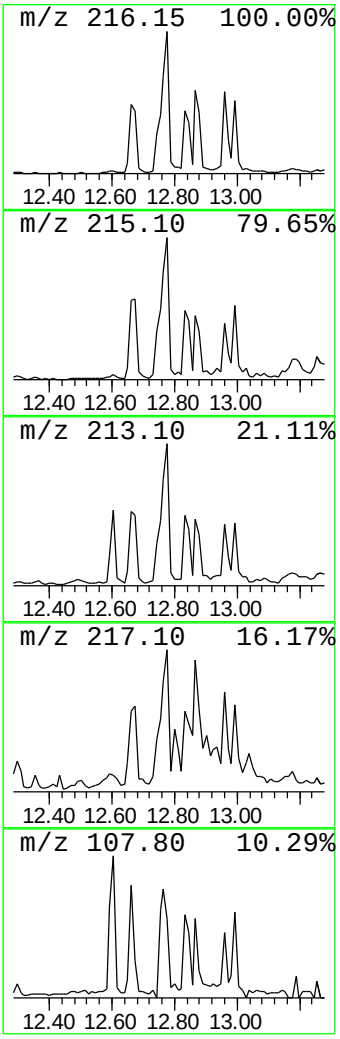
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.05 ng	618780	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

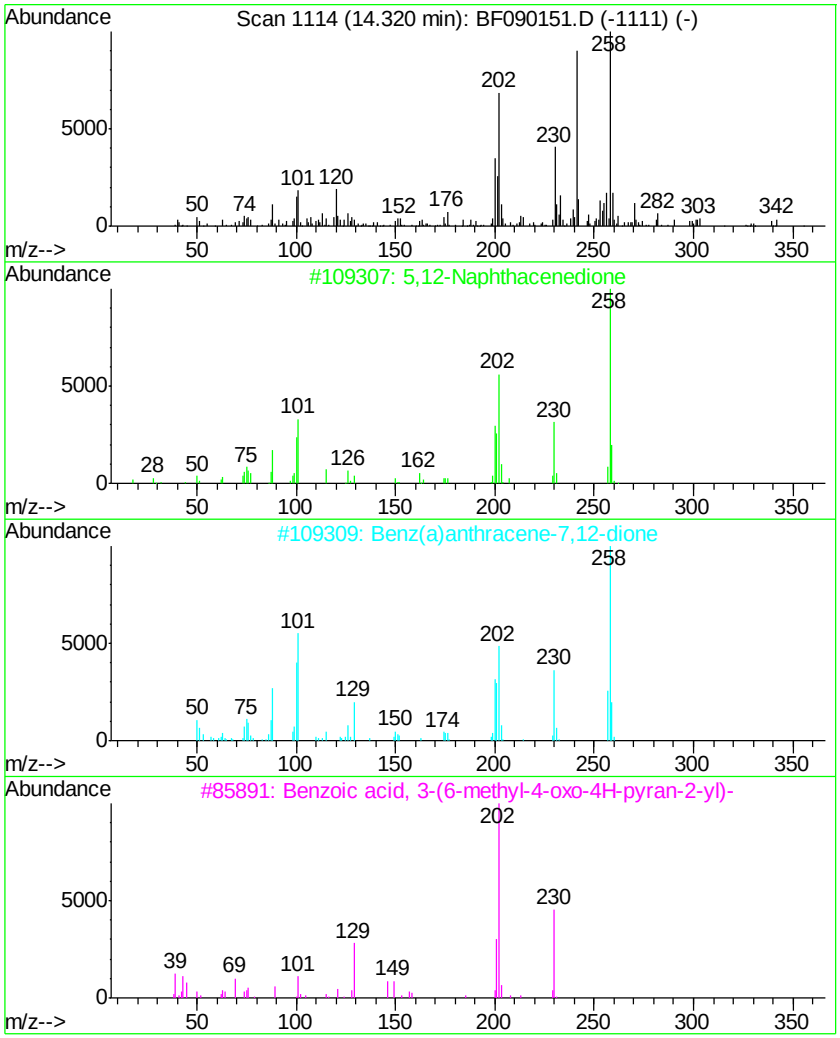
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

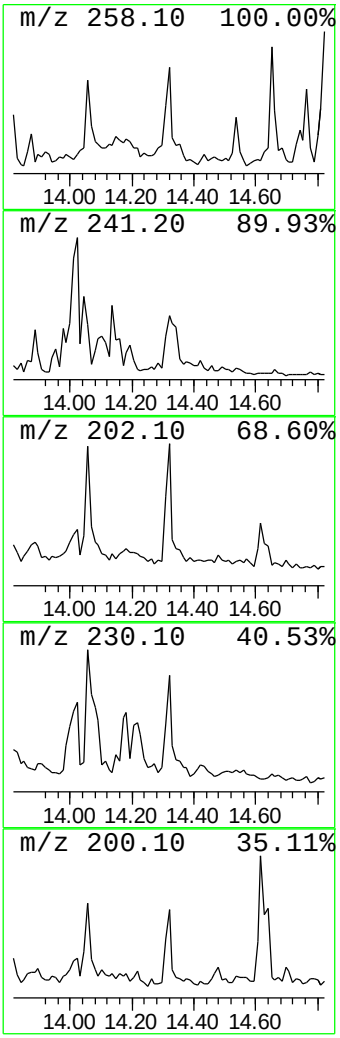
****

Peak Number 7 5,12-Naphthacenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	3.21 ng	141682	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	78
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	64
3	Benzoic acid, 3-(6-methyl-4-oxo-...	230	C13H10O4	295364-59-9	18
4	2',5'-Dimethyl-p-terphenyl	258	C20H18	020260-22-4	14
5	2-Methoxy-5-(p-methoxyphenoxy)-2...	258	C15H14O4	003525-14-2	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-03-NORTHSIDE

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

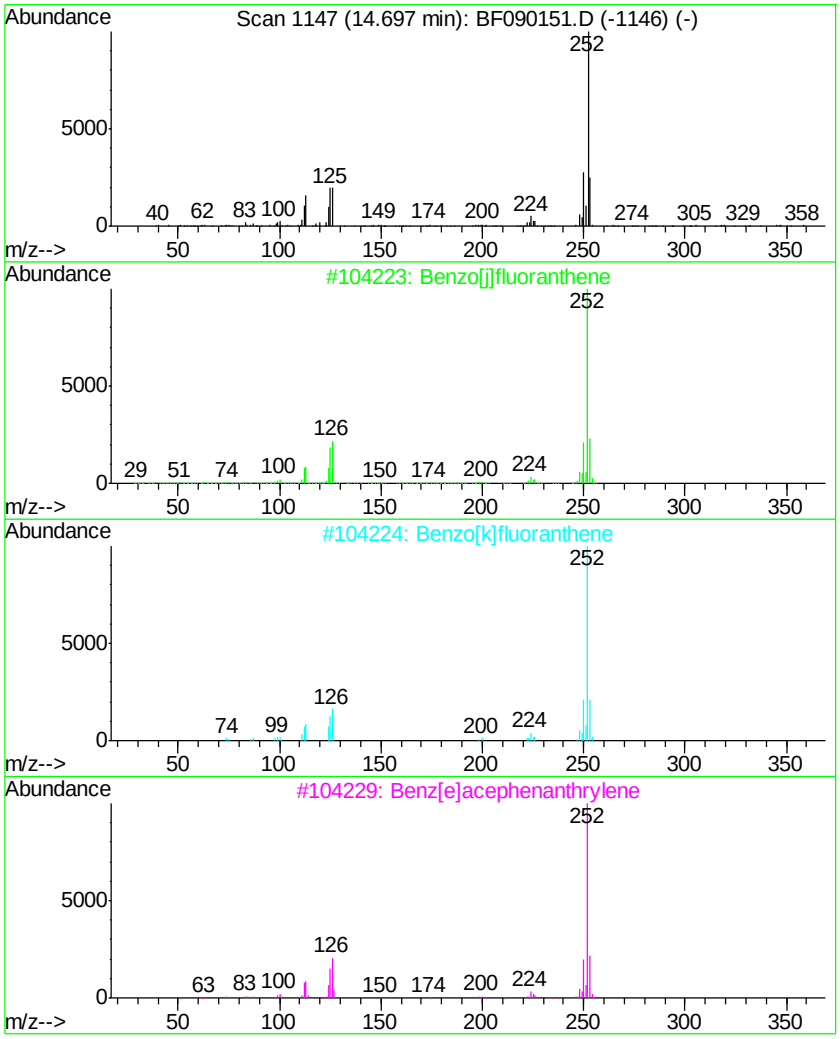
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

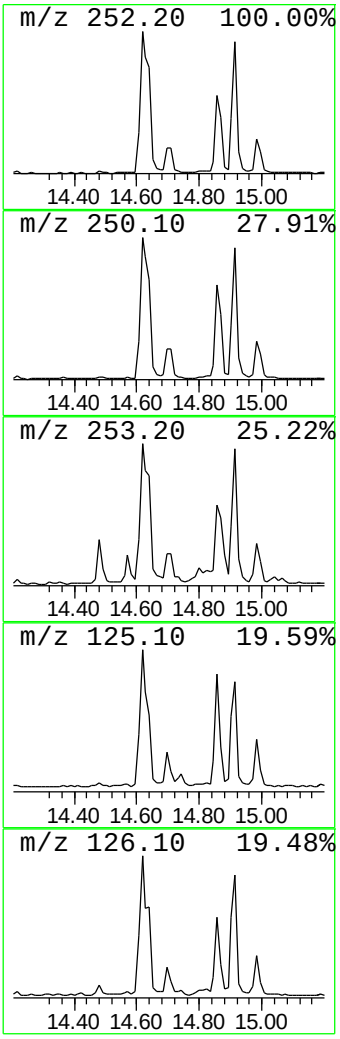
****

Peak Number 8 Benzo[j]fluoranthene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.53 ng	243999	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[e]pyrene	252	C20H12	000192-97-2	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

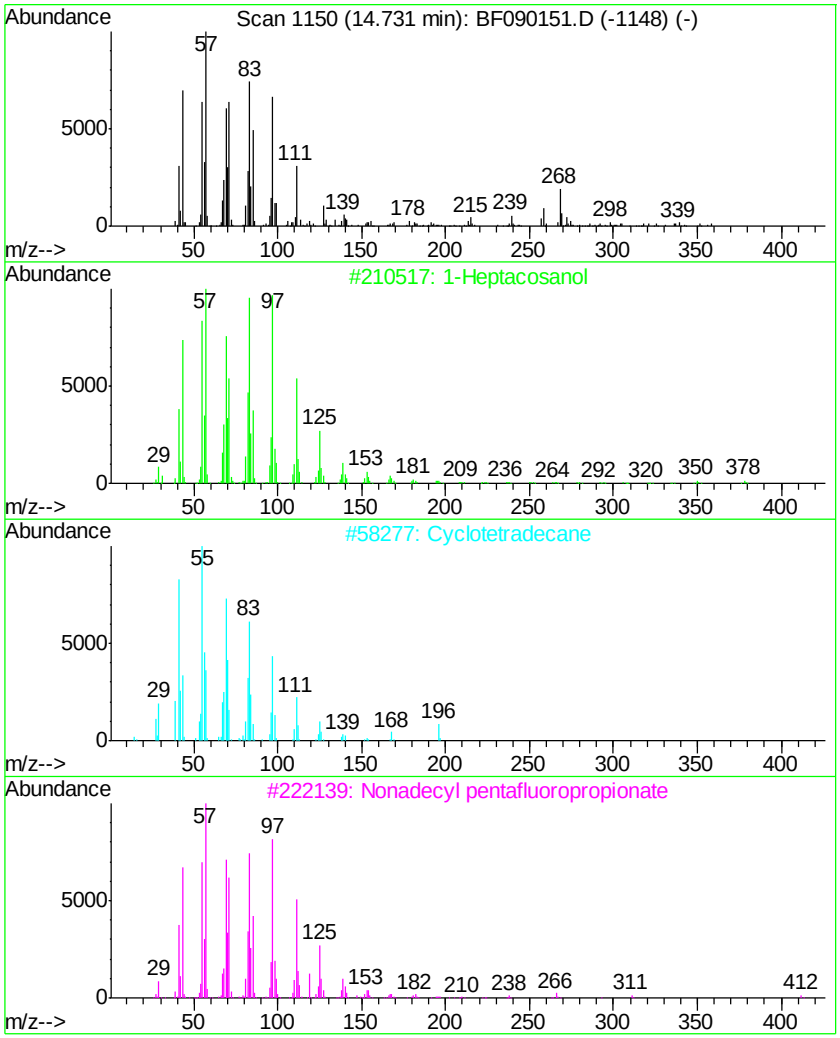
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

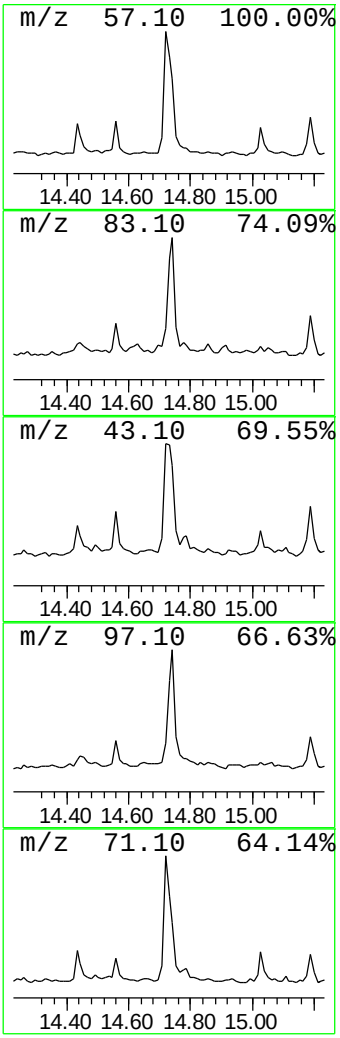
****

Peak Number 9 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	10.91 ng	481138	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	70
2	Cyclotetradecane	196	C14H28	000295-17-0	70
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	68
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	68
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

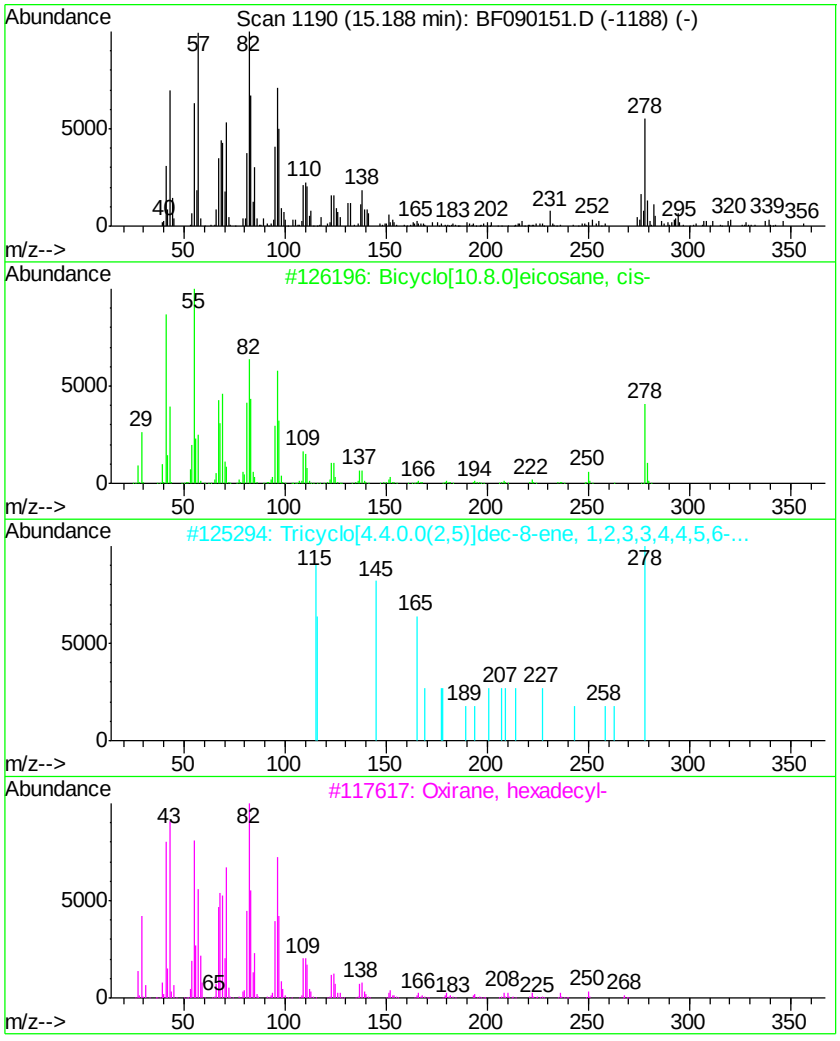
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

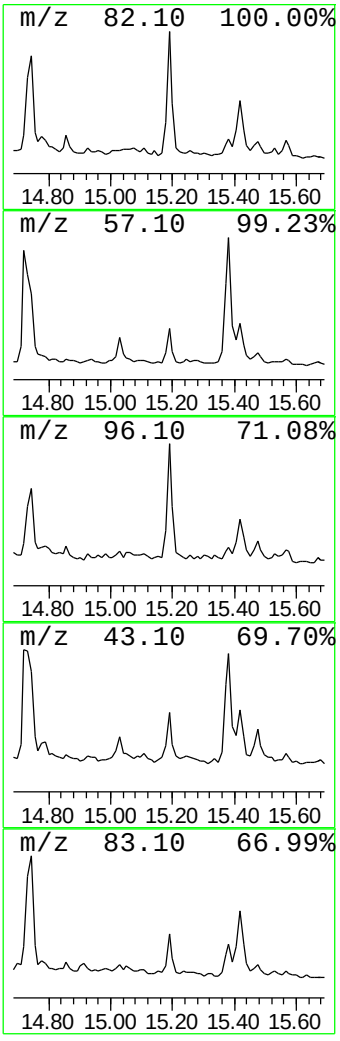
****

Peak Number 11 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.29 ng	189105	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	89
2	Tricyclo[4.4.0.0(2,5)]dec-8-ene,...	278	C10H6F8	077549-74-7	87
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
4	Octadecanal	268	C18H36O	000638-66-4	76
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

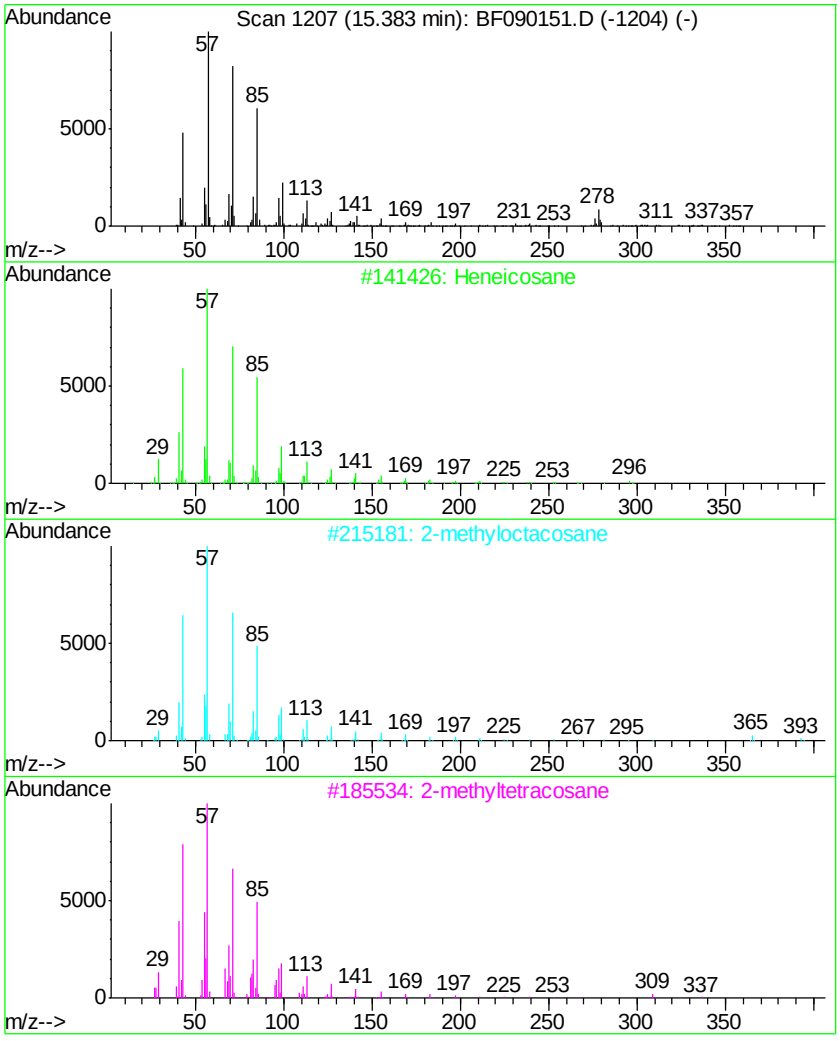
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

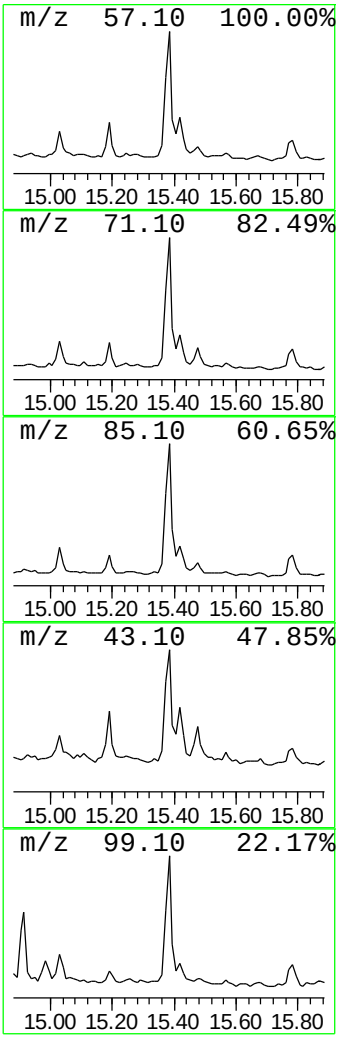
****

Peak Number 12 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	7.28 ng	321072	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	86
3	2-methyltetracosane	352	C25H52	1000376-72-6	86
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

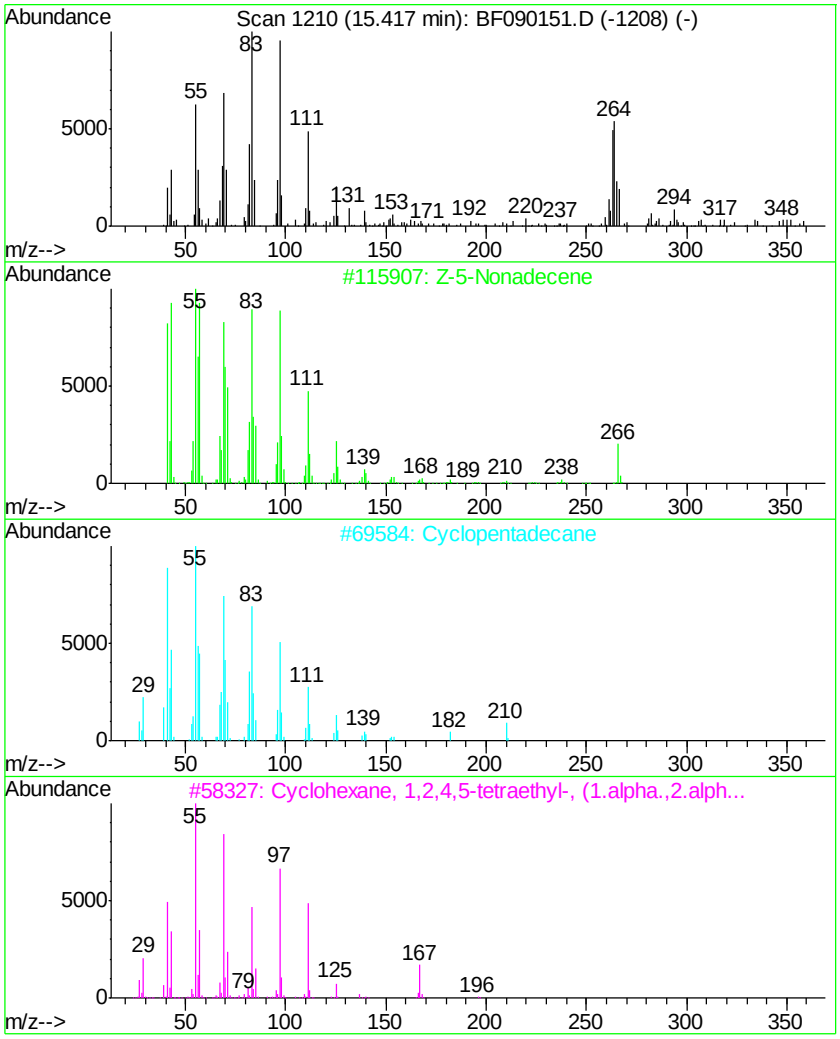
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

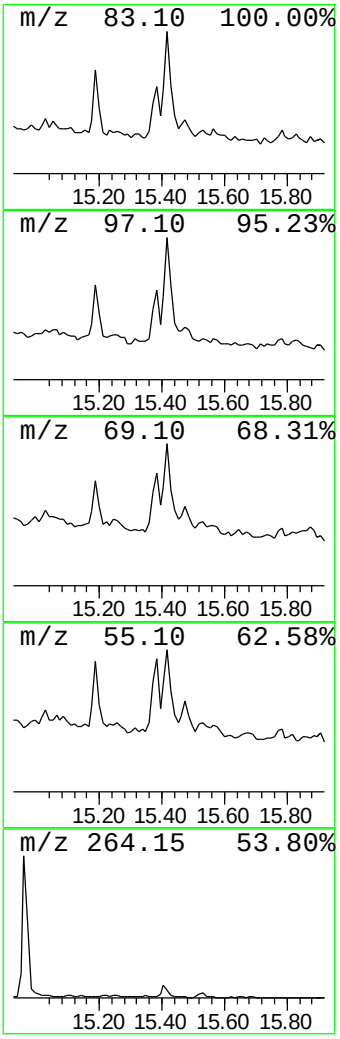
****

Peak Number 13 Z-5-Nonadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	5.96 ng	262816	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	58
2	Cyclopentadecane	210	C15H30	000295-48-7	38
3	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	35
4	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	30
5	2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

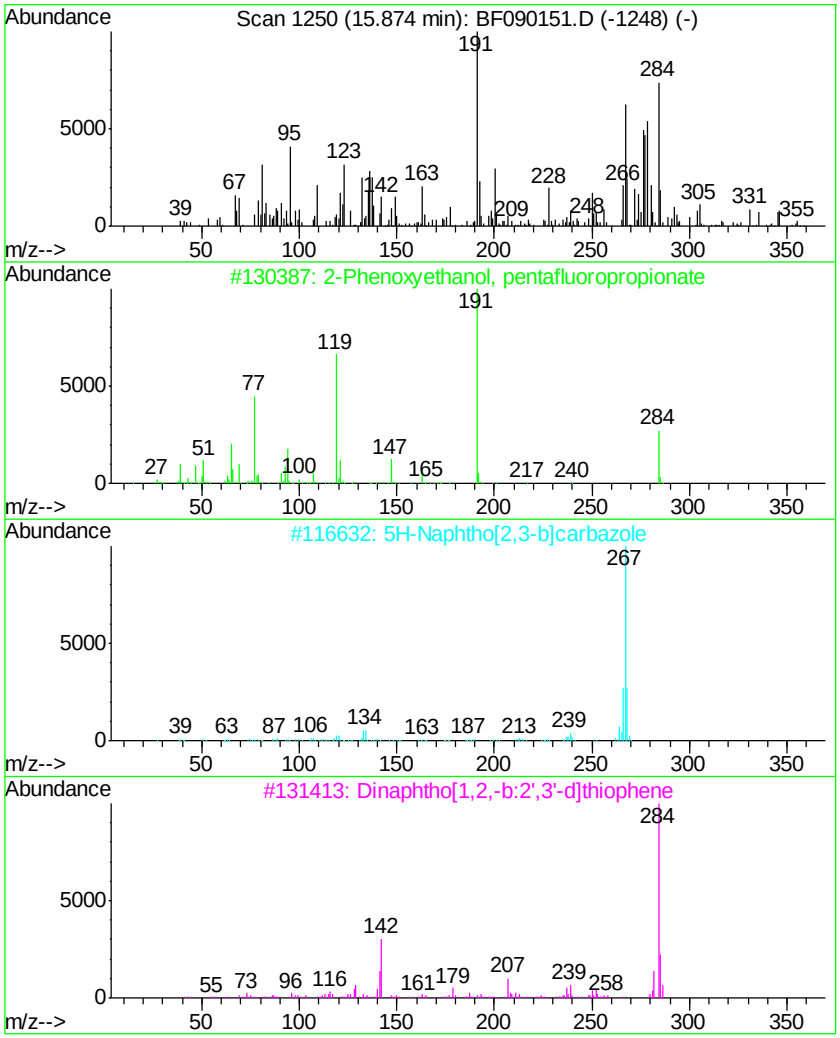
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

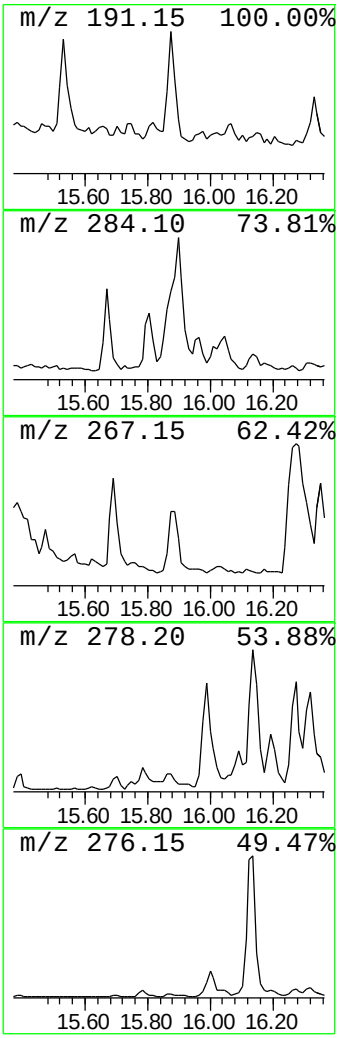
****

Peak Number 14 unknown15.87 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	5.73 ng	252789	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenoxyethanol, pentafluoropro...	284	C11H9F5O3	1000365-49-7	27
2	5H-Naphtho[2,3-b]carbazole	267	C20H13N	000248-96-4	15
3	Dinaphtho[1,2,-b:2',3'-d]thiophene	284	C20H12S	000239-94-1	15
4	Acetamide, 2-(adamantan-1-yl)-N-...	284	C18H24N2O	1000316-86-1	15
5	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	15





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

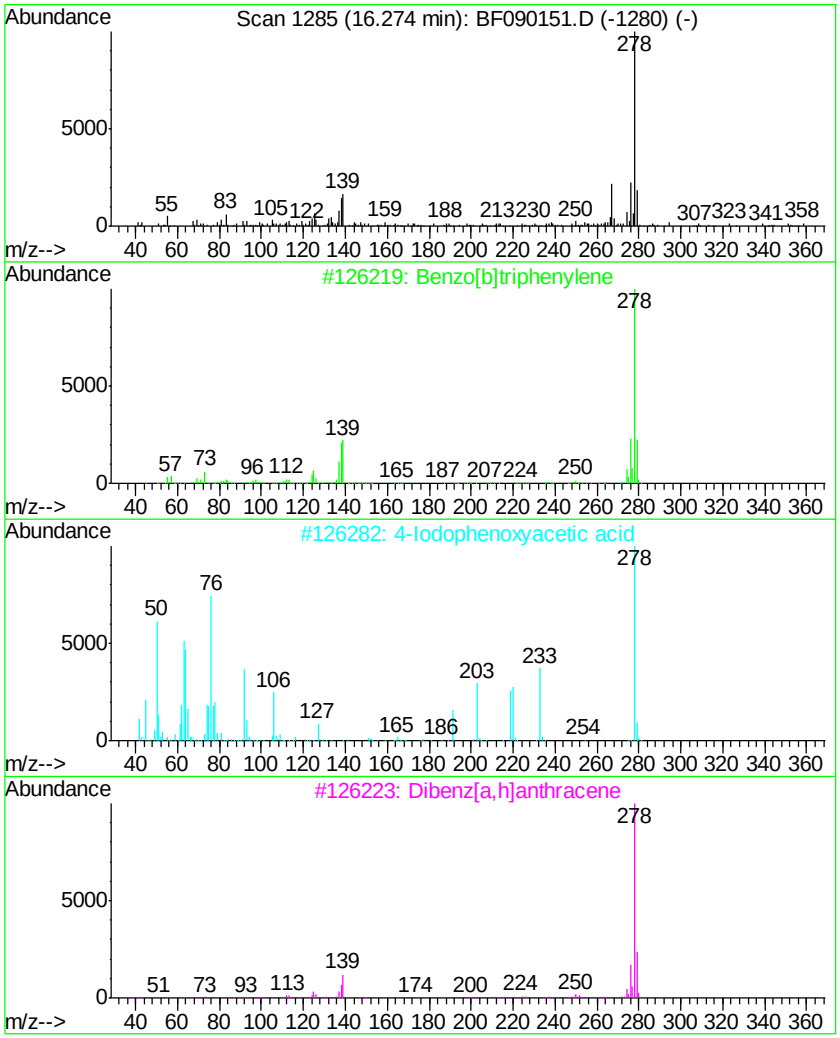
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

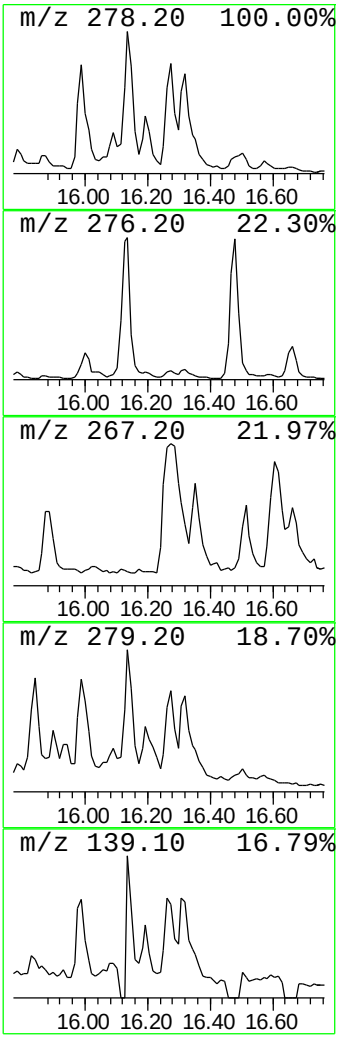
****

Peak Number 16 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	6.31 ng	278333	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
2	4-Iodophenoxyacetic acid	278	C8H7IO3	001878-94-0	86
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
4	Pentacene	278	C22H14	000135-48-8	86
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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

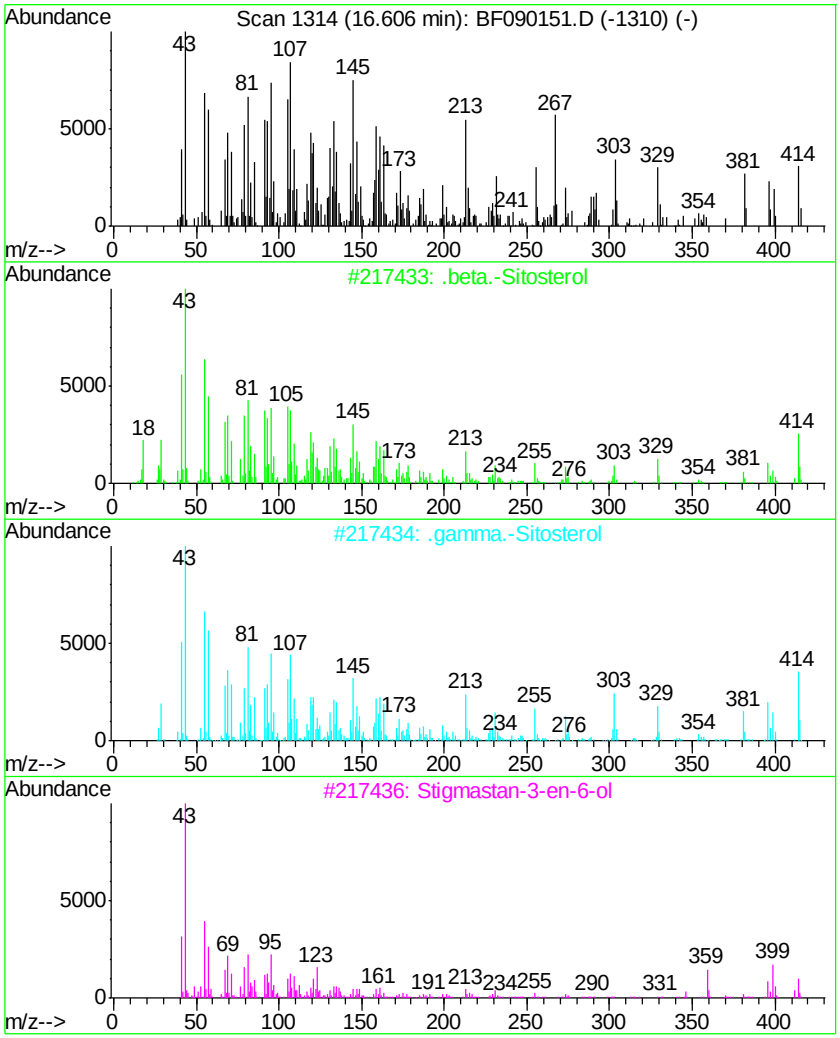
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

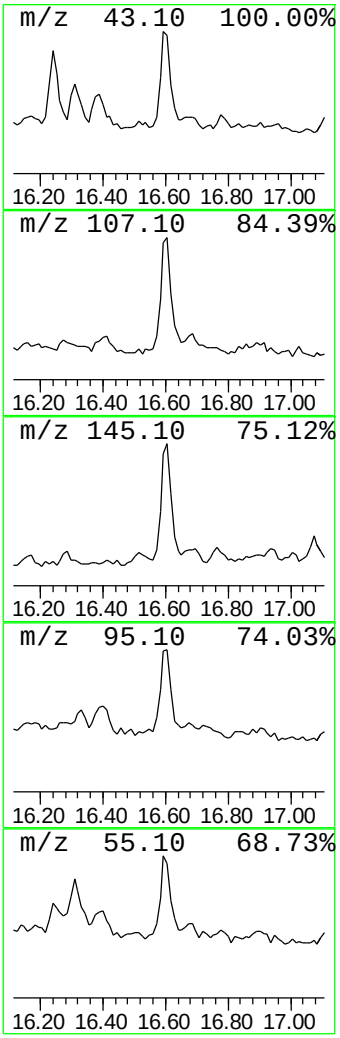
****

Peak Number 18 .beta.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	13.79 ng	608213	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
3	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	42
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	38
5	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-03-NORTHSIDE

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

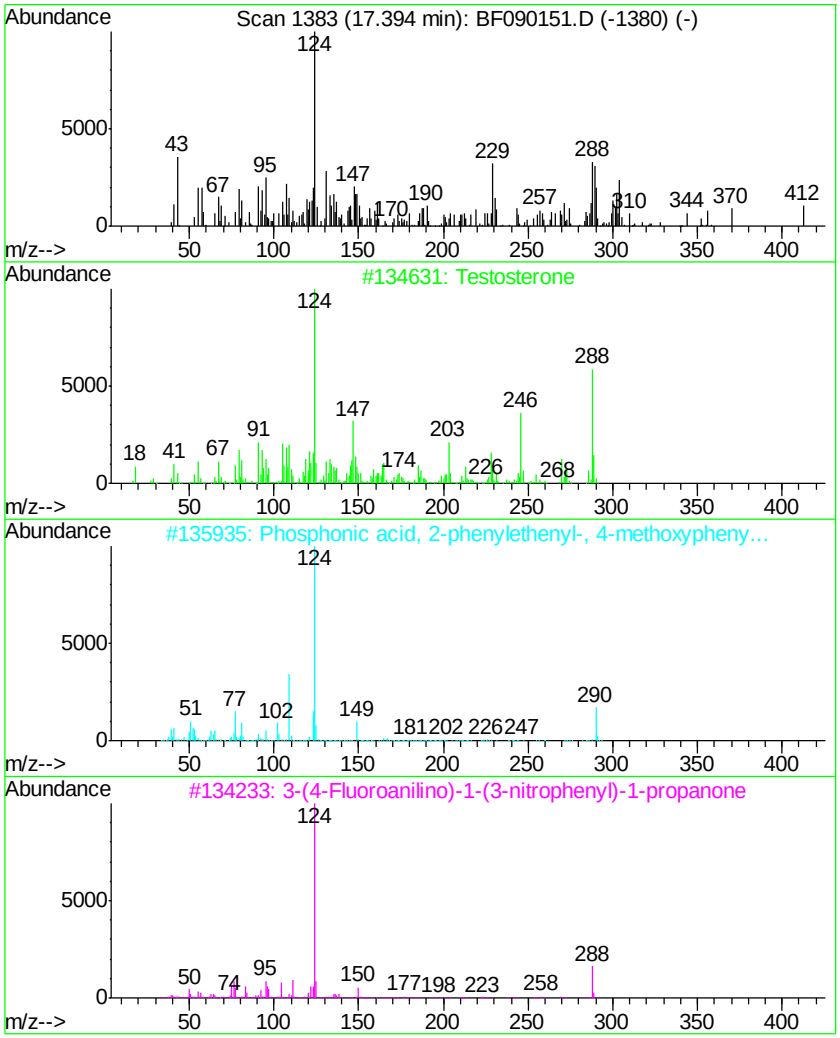
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

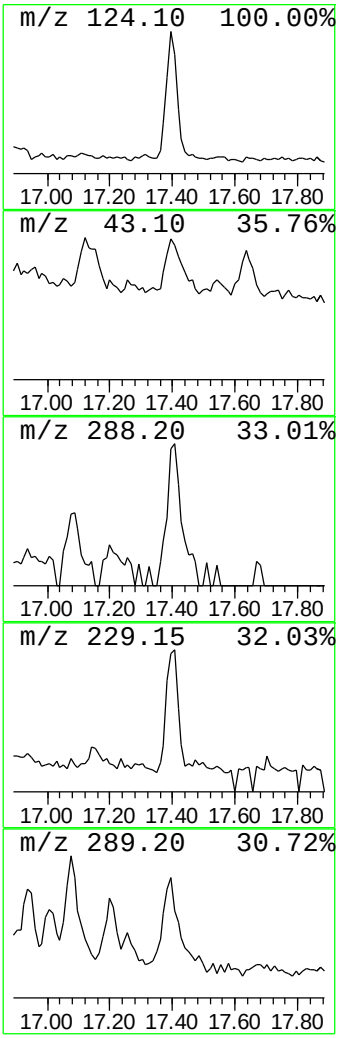
****

Peak Number 19 unknown17.39 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	5.39 ng	237763	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	45
2	Phosphonic acid, 2-phenylethenyl...	290	C15H15O4P	330855-58-8	38
3	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	38
4	Hyoscyamine	289	C17H23NO3	000101-31-5	38
5	2-Methylphenyl-1-thio-.alpha.-D-...	286	C13H18O5S	1000126-63-0	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-03-NORTHSIDE

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

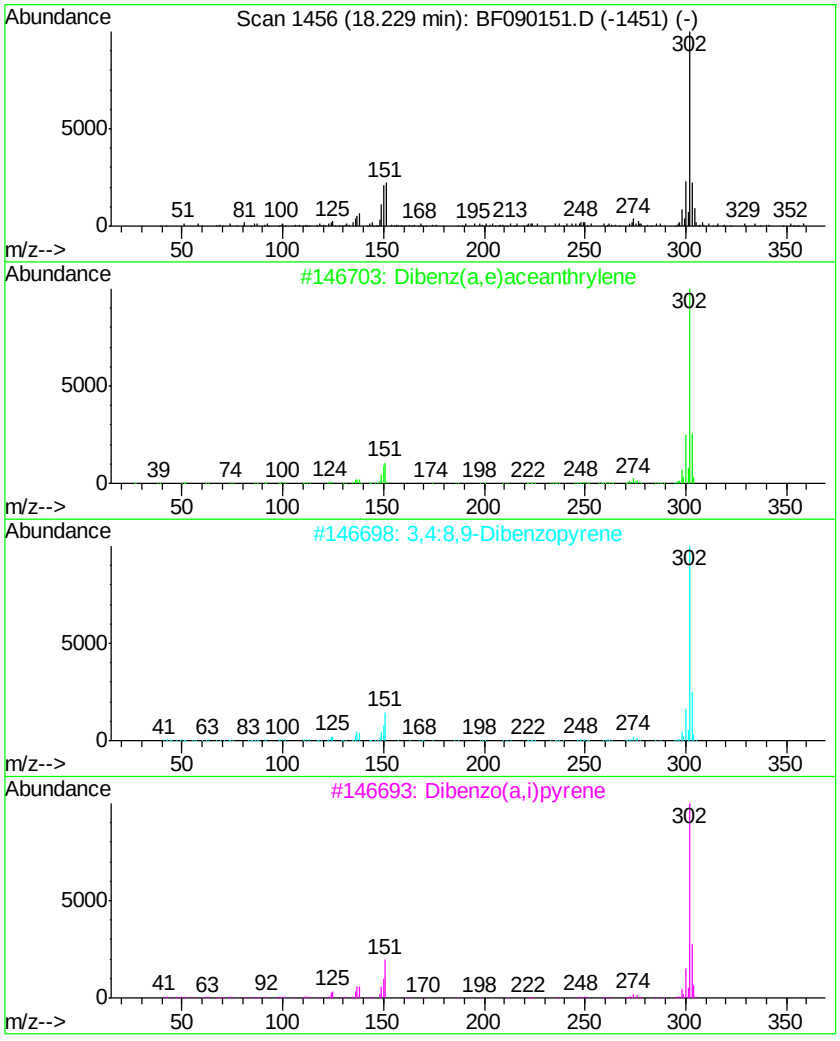
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

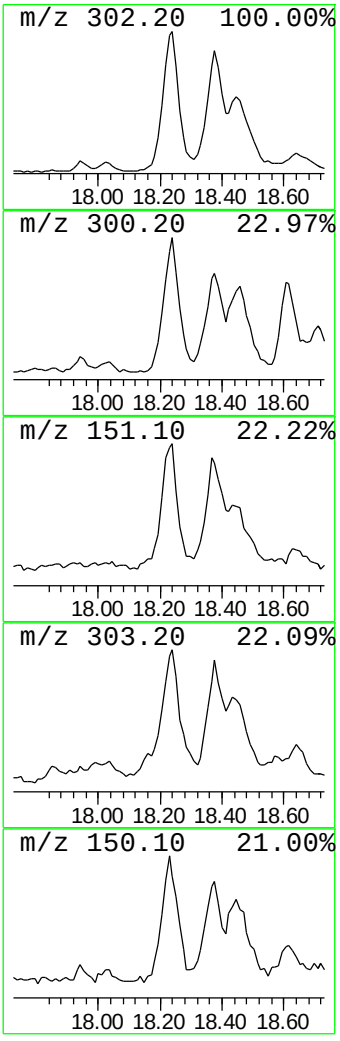
****

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	9.20 ng	405723	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	95
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090151.D
Acq On : 20 Sep 2016 23:21
Operator : UM/SJ
Sample : H4850-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-03-NORTHSIDE

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...	4.62	16.5	ng	724479	1	6.51	877781	20.0
unknown6.28	6.28	71.2	ng	3123180	1	6.51	877781	20.0
Naphthalene, 2-ph...	11.82	3.3	ng	466077	4	11.02	2846700	20.0
11H-Benzo[b]fluorene	12.78	3.0	ng	618780	5	13.63	4051370	20.0
5,12-Naphthacened...	14.32	3.2	ng	141682	6	14.96	882199	20.0
Benzo[j]fluoranthene	14.70	5.5	ng	243999	6	14.96	882199	20.0
1-Heptacosanol	14.73	10.9	ng	481138	6	14.96	882199	20.0
Bicyclo[10.8.0]ei...	15.19	4.3	ng	189105	6	14.96	882199	20.0
Heneicosane	15.38	7.3	ng	321072	6	14.96	882199	20.0
Z-5-Nonadecene	15.42	6.0	ng	262816	6	14.96	882199	20.0
unknown15.87	15.87	5.7	ng	252789	6	14.96	882199	20.0
Benzo[b]triphenylene	16.27	6.3	ng	278333	6	14.96	882199	20.0
.beta.-Sitosterol	16.61	13.8	ng	608213	6	14.96	882199	20.0
unknown17.39	17.39	5.4	ng	237763	6	14.96	882199	20.0
Dibenz(a,e)aceant...	18.23	9.2	ng	405723	6	14.96	882199	20.0