LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

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-BF063016.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	1.633	3	4	13	rVB	66654	135694	5.34%	0.791%
2	1.747	13	14	47	rVB	1168524	2542803	100.00%	14.828%
3	4.764	276	278	281	rBV	85537	109456	4.30%	0.638%
4	4.993	284	298	300	rBV	28537	128455	5.05%	0.749%
5	5.233	316	319	321	rBV	542810	618210	24.31%	3.605%
6	6.296	409	412	414	rBV	773970	724358	28.49%	4.224%
7	6.410	420	422	424	rBV	836522	701006	27.57%	4.088%
8	6.639	440	442	444	rBV	404812	326950	12.86%	1.907%
9	6.799	453	456	458	rVB	581639	556148	21.87%	3.243%
10	7.210	489	492	494	rBV	372941	417261	16.41%	2.433%
11	7.930	552	555	557	rBV	427448	430220	16.92%	2.509%
12	9.005	646	649	651	rBV	961219	768613	30.23%	4.482%
13	9.405	681	684	686	rVB	156433	164174	6.46%	0.957%
14	9.531	693	695	697	rVB	33975	28961	1.14%	0.169%
15	9.679	705	708	709	rBV	285727	414842	16.31%	2.419%
16	10.456	774	776	779	rVB	338606	293820	11.55%	1.713%
17	10.594	784	788	792	rBV2	22768	41656	1.64%	0.243%
18	10.822	804	808	812	rBV4	24410	44869	1.76%	0.262%
19	11.028	825	826	829	rBV2	78736	78601	3.09%	0.458%
20	11.154	835	837	840	rVB2	237380	463293	18.22%	2.702%
21	11.222	840	843	845	rVB	90003	96808	3.81%	0.565%
22	11.382	855	857	860	rBV	37484	35376	1.39%	0.206%
23	11.474	863	865	868	rVB3	16607	26946	1.06%	0.157%
24	11.554	870	872	874	rVB	40863	40167	1.58%	0.234%
25	11.645	877	880	881	rBV2	36123	45361	1.78%	0.265%
26	11.679	881	883	884	rVV	35738	34928	1.37%	0.204%
27	11.759	888	890	893	rVB2	92115	117117	4.61%	0.683%
28	11.839	893	897	899	rBV	71196	108609	4.27%	0.633%
29	11.965	905	908	911	rBV	34682	56096	2.21%	0.327%
30	12.148	923	924	927	rBV2	14386	28156	1.11%	0.164%
31	12.194	927	928	930	rBV	34107	45722	1.80%	0.267%
32	12.251	932	933	934	rVV	43363	34826	1.37%	0.203%
33	12.285	934	936	938	rVB2	46437	53618	2.11%	0.313%
34	12.354	940	942	945	rBV	528559	458653	18.04%	2.675%

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Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.422	945	948	949	rBV2	14052	31362	1.23%	0.183%
36	12.502	952	955	956	rBV2	15469	29852	1.17%	0.174%
37	12.582	959	962	963	rBV	426988	450577	17.72%	2.628%
38	12.617	963	965	969	rVB4	41195	97201	3.82%	0.567%
39	12.731	973	975	978	rVB	515474	460952	18.13%	2.688%
40	12.799	978	981	985	rBV3	34609	62855	2.47%	0.367%
41	12.914	987	991	994	rVV3	82966	172679	6.79%	1.007%
42	12.971	994	996	998	rVV3	73293	98716	3.88%	0.576%
43	13.017	998	1000	1003	rVV2	46418	80997	3.19%	0.472%
44	13.097	1005	1007	1009	rVB	32066	48283	1.90%	0.282%
45	13.131	1009	1010	1012	rBV	40879	40191	1.58%	0.234%
46	13.211	1015	1017	1020	rVB	127067	123964	4.88%	0.723%
47	13.417	1033	1035	1038	rVB2	24858	40349	1.59%	0.235%
48	13.520	1042	1044	1045	rBV	61700	73595	2.89%	0.429%
49	13.588	1048	1050	1052	rVV3	56230	68120	2.68%	0.397%
50	13.645	1052	1055	1058	rVB3	78984	127080	5.00%	0.741%
51	13.771	1063	1066	1072	rBV3	482874	913765	35.94%	5.329%
52	13.874	1073	1075	1077	rBV2	50362	68768	2.70%	0.401%
53	13.908	1077	1078	1080	rVB2	36527	33571	1.32%	0.196%
54	13.954	1080	1082	1085	rBV2	56613	108054	4.25%	0.630%
55	14.160	1098	1100	1102	rBV	55972	57179	2.25%	0.333%
56	14.194	1102	1103	1105	rVB	38241	33635	1.32%	0.196%
57	14.274	1108	1110	1114	rVB2	111913	176393	6.94%	1.029%
58	14.685	1144	1146	1150	rVB2	107949	117815	4.63%	0.687%
59	14.765	1150	1153	1158	rBV	238681	428098	16.84%	2.496%
60	14.857	1159	1161	1166	rVB	391841	516866	20.33%	3.014%
61	15.028	1174	1176	1179	rVB	136862	157866	6.21%	0.921%
62	15.085	1179	1181	1183	rVB	146639	190203	7.48%	1.109%
63	15.131	1183	1185	1187	rBV	170569	243976	9.59%	1.423%
64	15.360	1202	1205	1208	rVB	118620	188164	7.40%	1.097%
65	15.554	1219	1222	1225	rBV	350217	504425	19.84%	2.942%
66	15.600	1225	1226	1230	rVB2	43319	61825	2.43%	0.361%
67	16.228	1278	1281	1286	rBV2	110024	216285	8.51%	1.261%
68	16.388	1292	1295	1300	rVB	85147	172033	6.77%	1.003%
69	16.537	1305	1308	1311	rBV3	40519	82679	3.25%	0.482%
70	16.766	1325	1328	1335	rVB	74075	155679	6.12%	0.908%
71	16.880	1335	1338	1343	rVB4	71288	176167	6.93%	1.027%

LSC Area Percent Report

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Acq On : 18 Jul 2016 19:10
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Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.063	1352	1354	1359	rVB5	30225	62357	2.45%	0.364%
73	17.749	1410	1414	1420	rVB2	94474	245848	9.67%	1.434%
74	17.989	1432	1435	1438	rBV3	25601	58098	2.28%	0.339%

Sum of corrected areas: 17148295

LSC Report - Integrated Chromatogram

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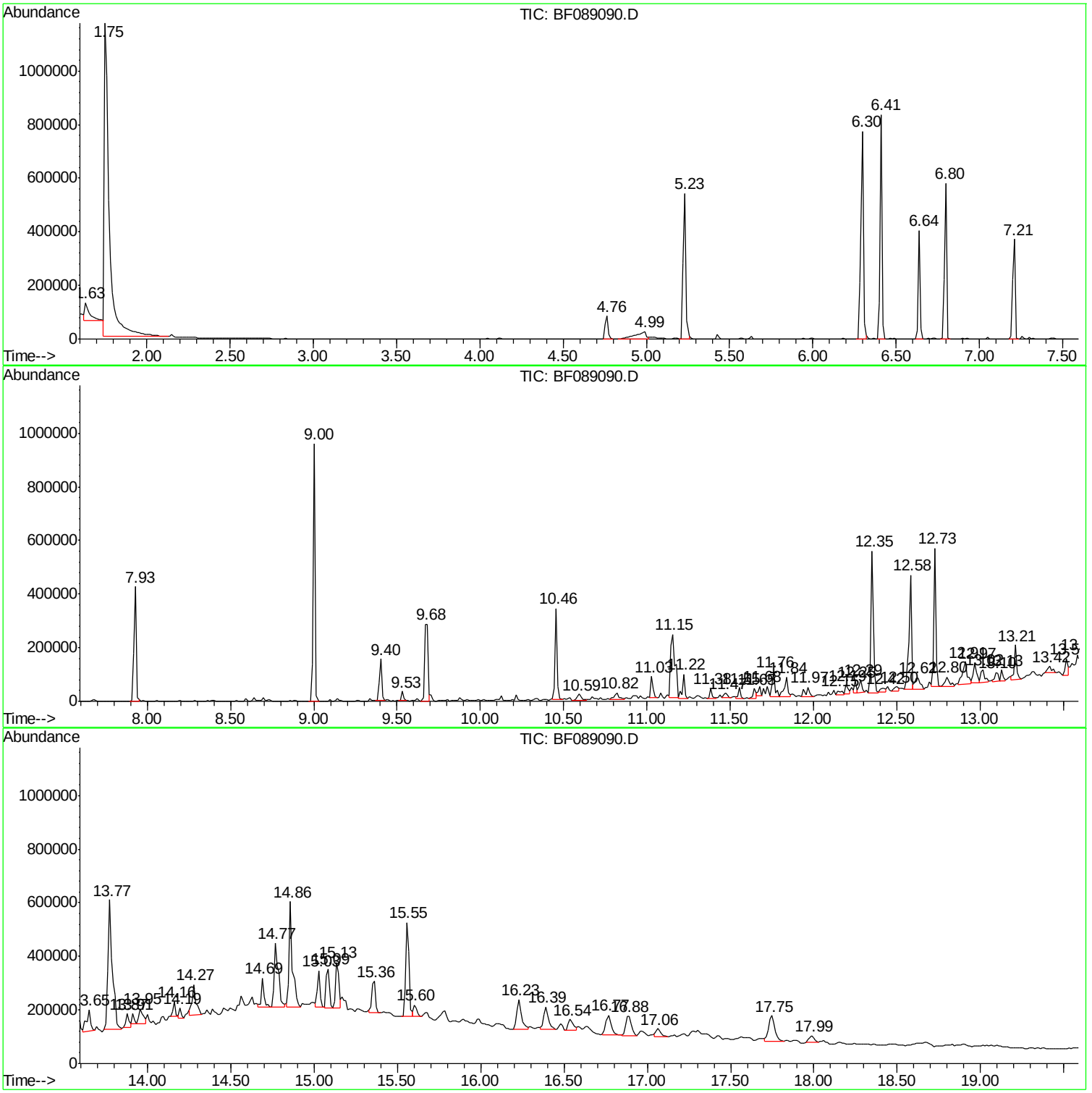
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF071816\
Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

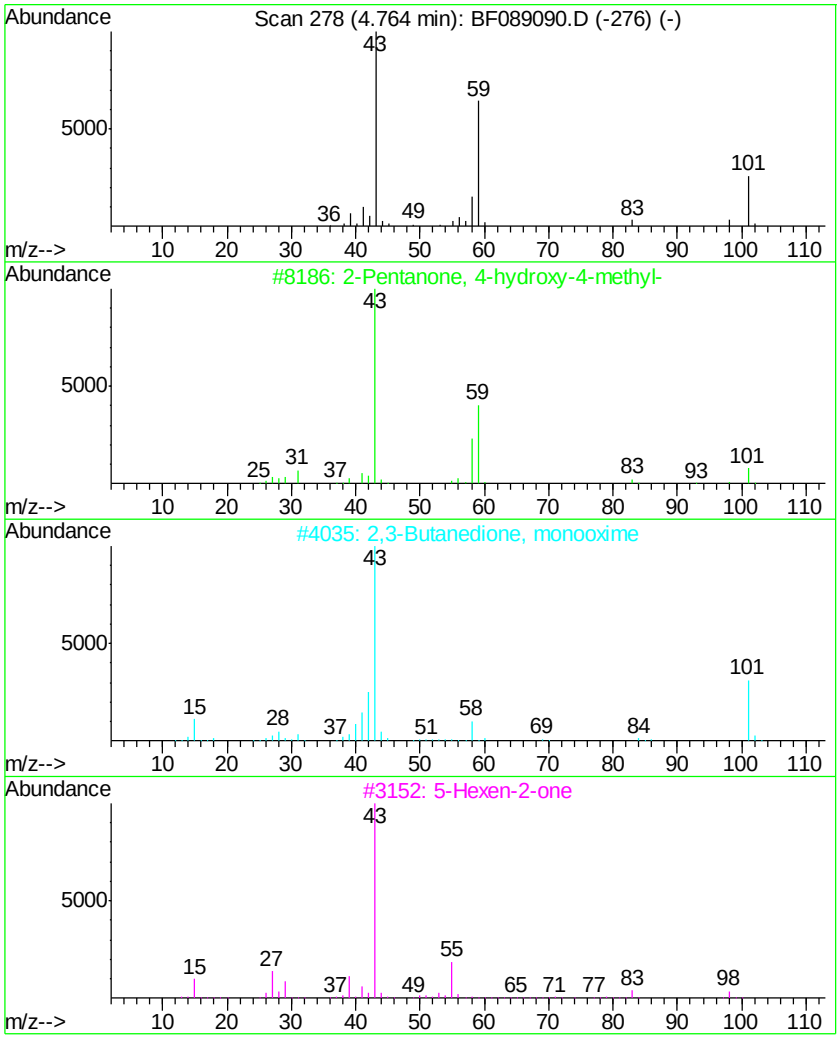
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

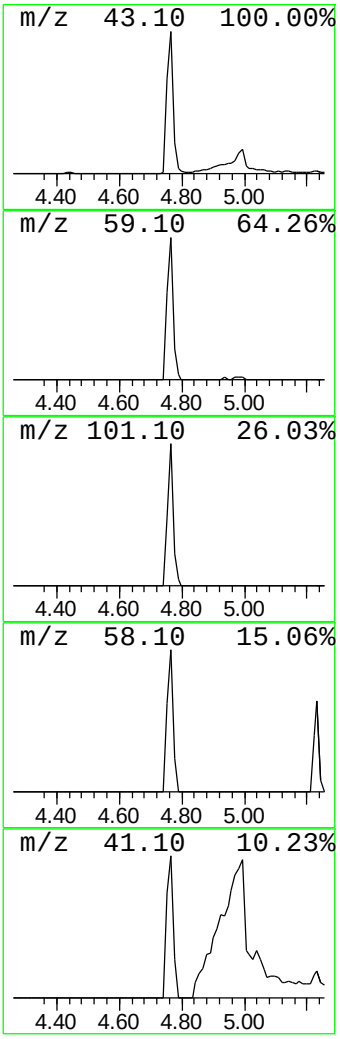
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	6.70 ng	109456	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

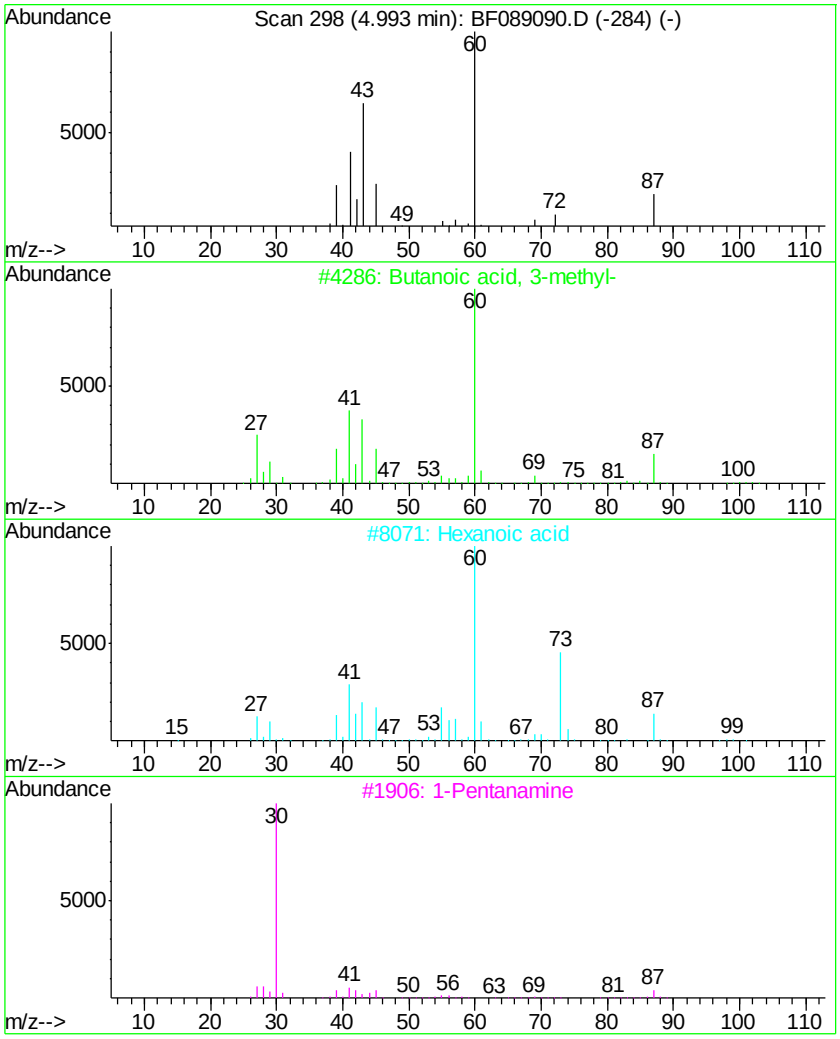
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

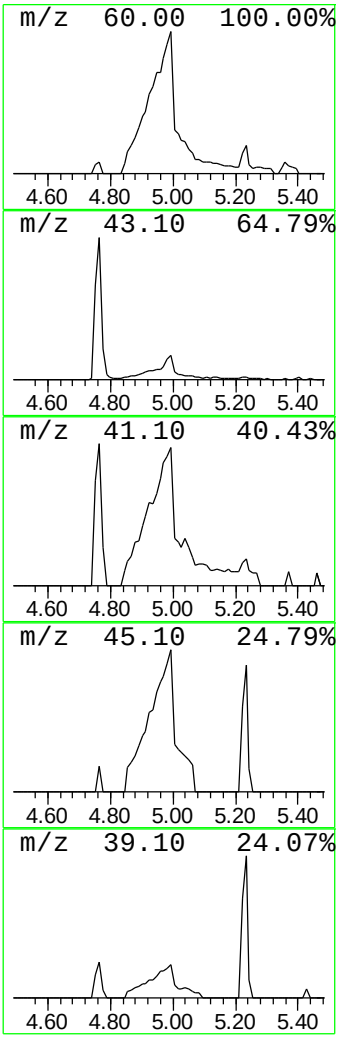
****

Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	7.86 ng	128455	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	56
2	Hexanoic acid	116	C6H12O2	000142-62-1	39
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	Formic acid hydrazide	60	CH4N2O	000624-84-0	9
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

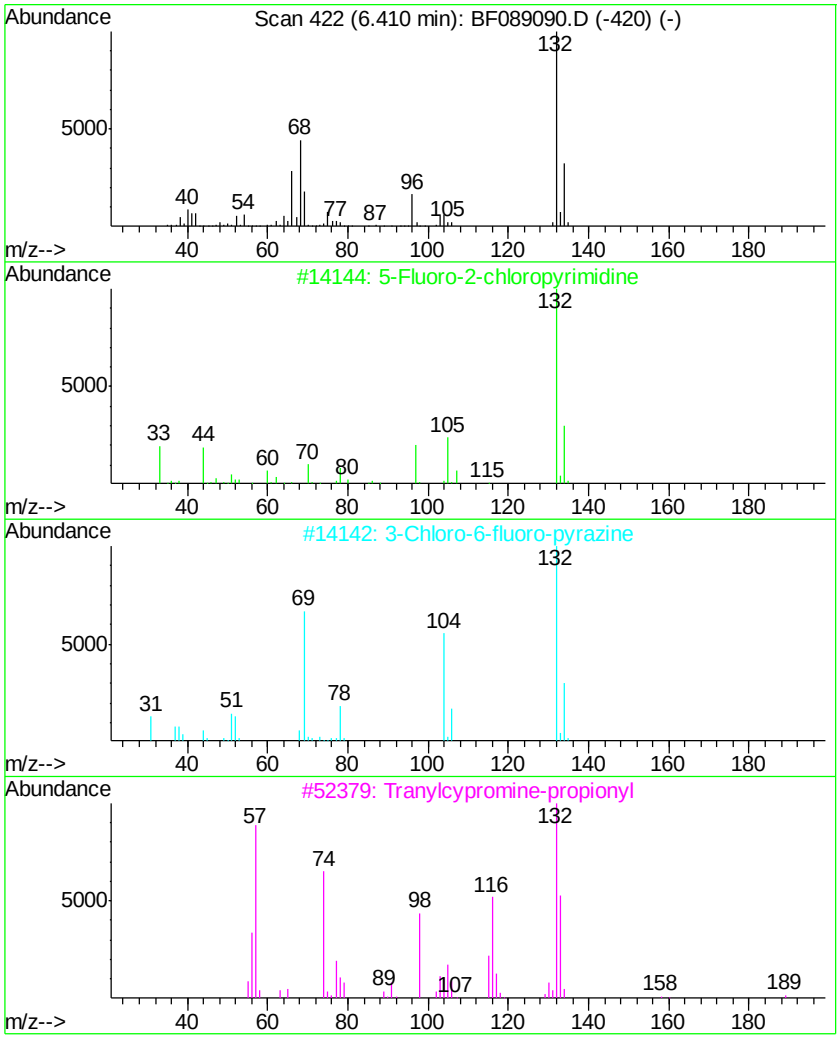
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

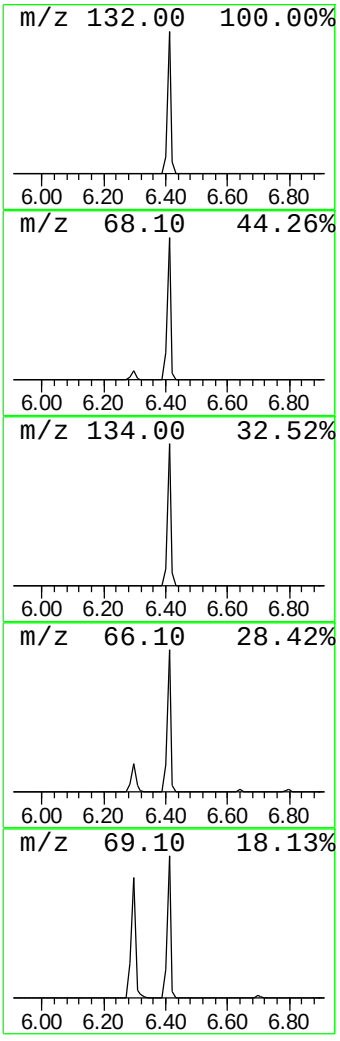
****

Peak Number 5 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	42.88 ng	701006	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H3951-10 2X
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

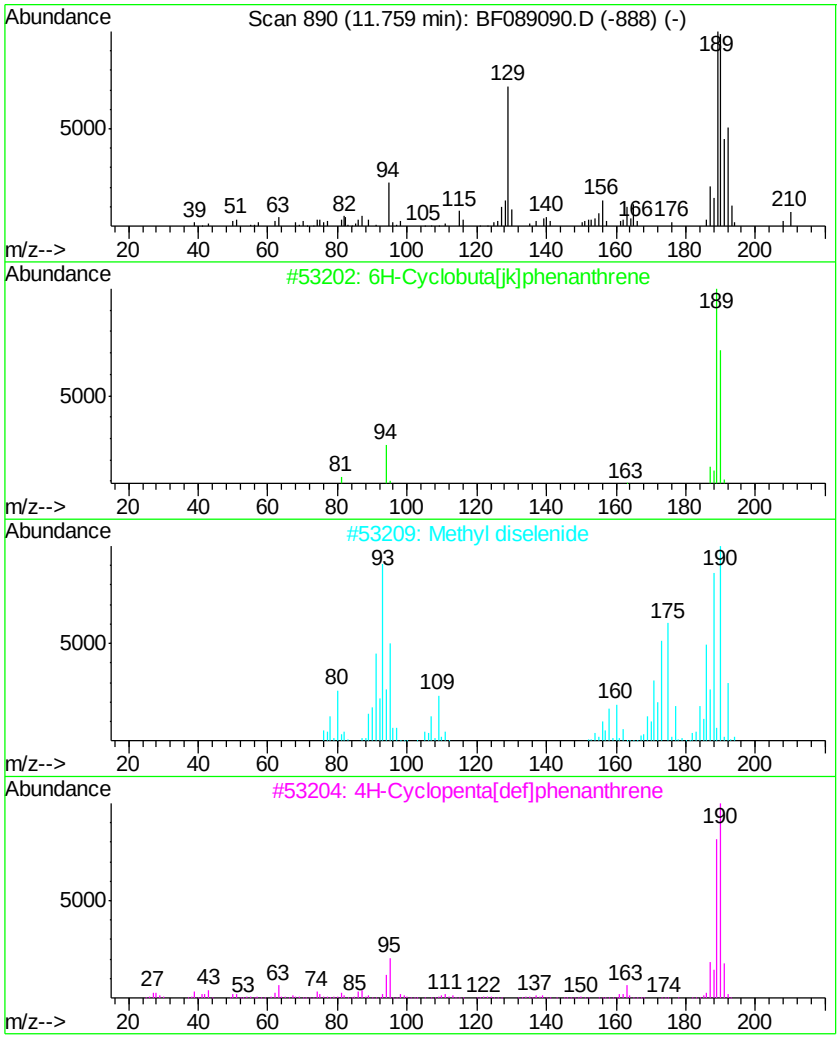
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

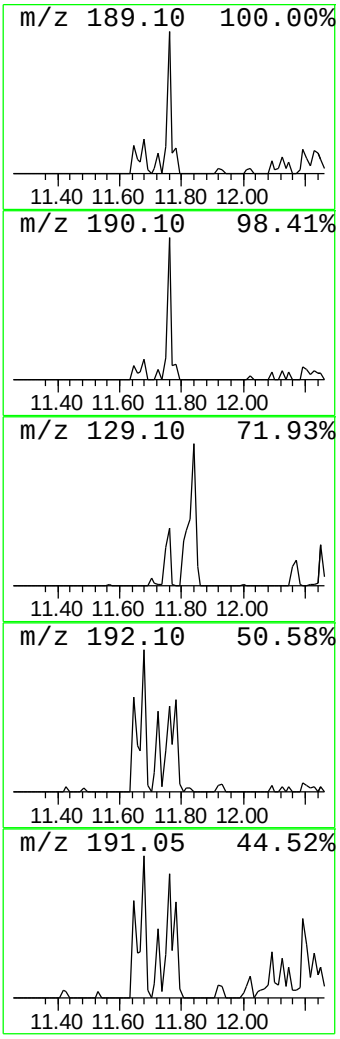
****

Peak Number 7 unknown11.76 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.06 ng	117117	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
2	Methyl diselenide	190	C2H6Se2	007101-31-7	46
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	43
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	22





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

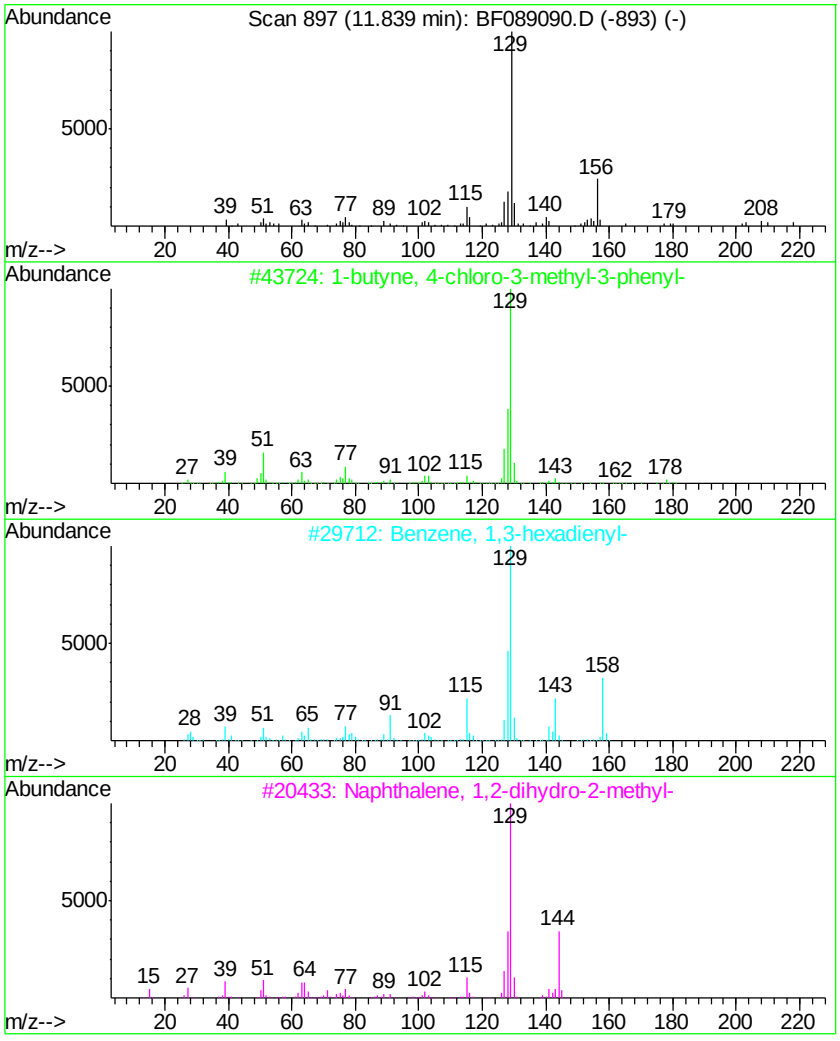
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

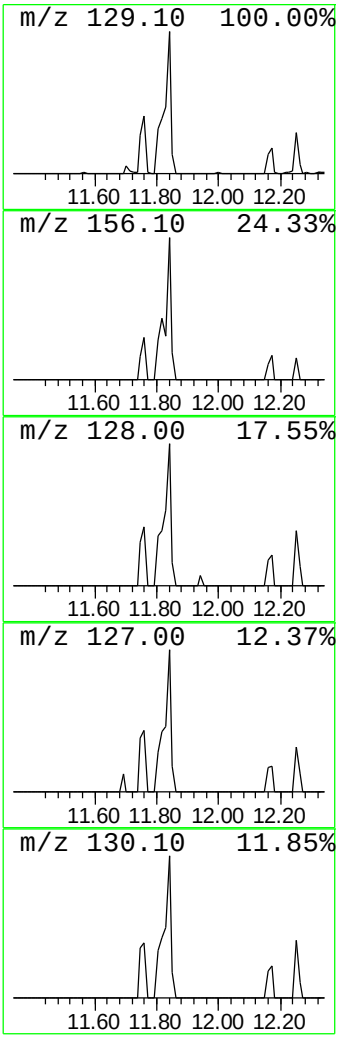
****

Peak Number 8 1-butyne, 4-chloro-3-methyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	4.69 ng	108609	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-butyne, 4-chloro-3-methyl-3-ph...	178	C11H11Cl	1000161-45-9	50
2	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	42
3	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	42
4	Isoquinoline	129	C9H7N	000119-65-3	40
5	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	40





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Operator : UM/SJ
Sample : H3951-10 2X
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

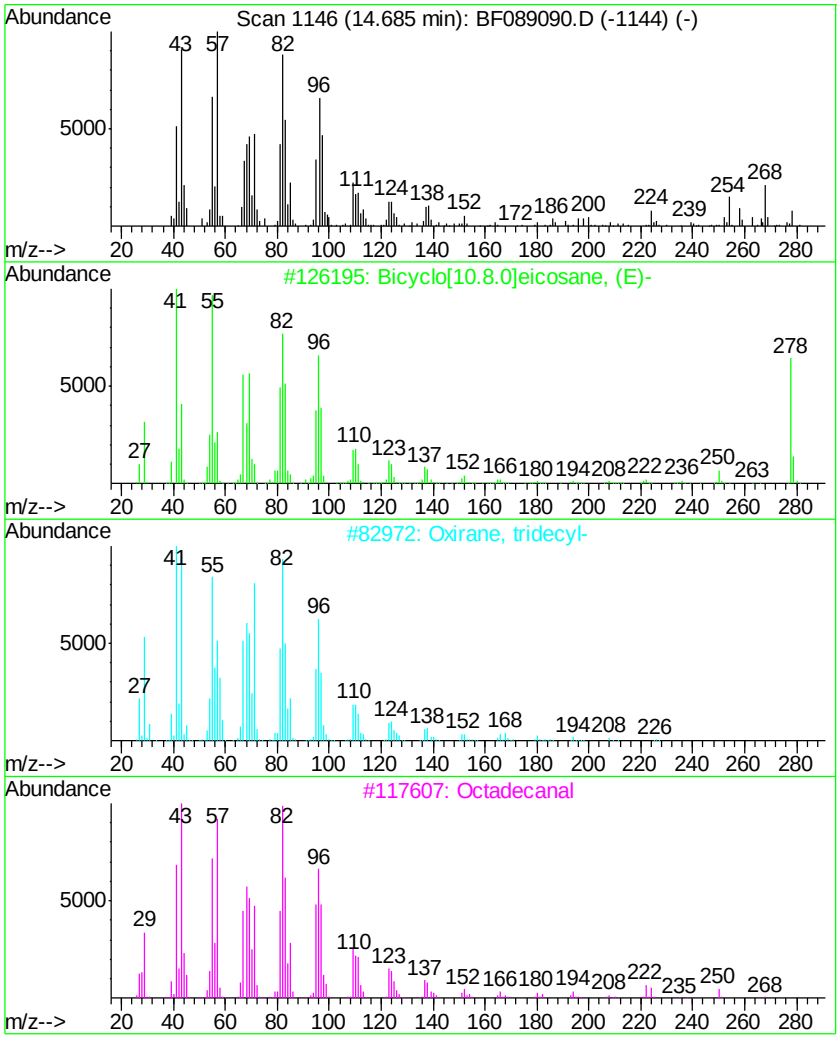
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

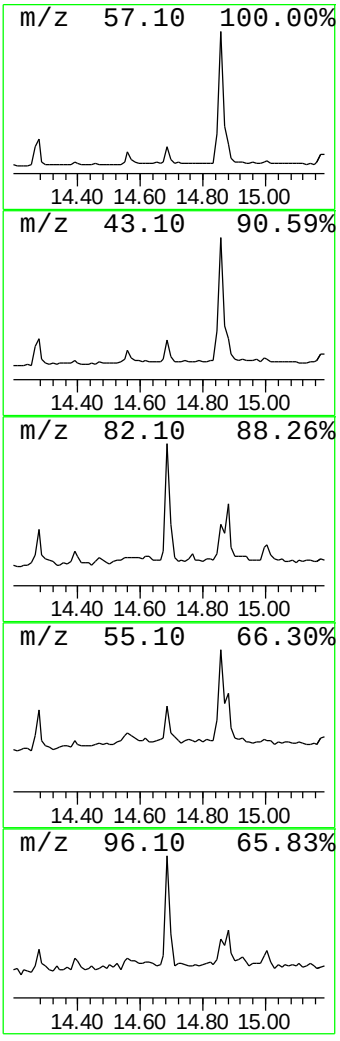
****

Peak Number 9 Bicyclo[10.8.0]eicosane, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.66 ng	117815	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	90
2	Oxirane, tridecyl-	226	C15H30O	018633-25-5	87
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	16-Heptadecenal	252	C17H32O	1000144-57-9	86





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Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

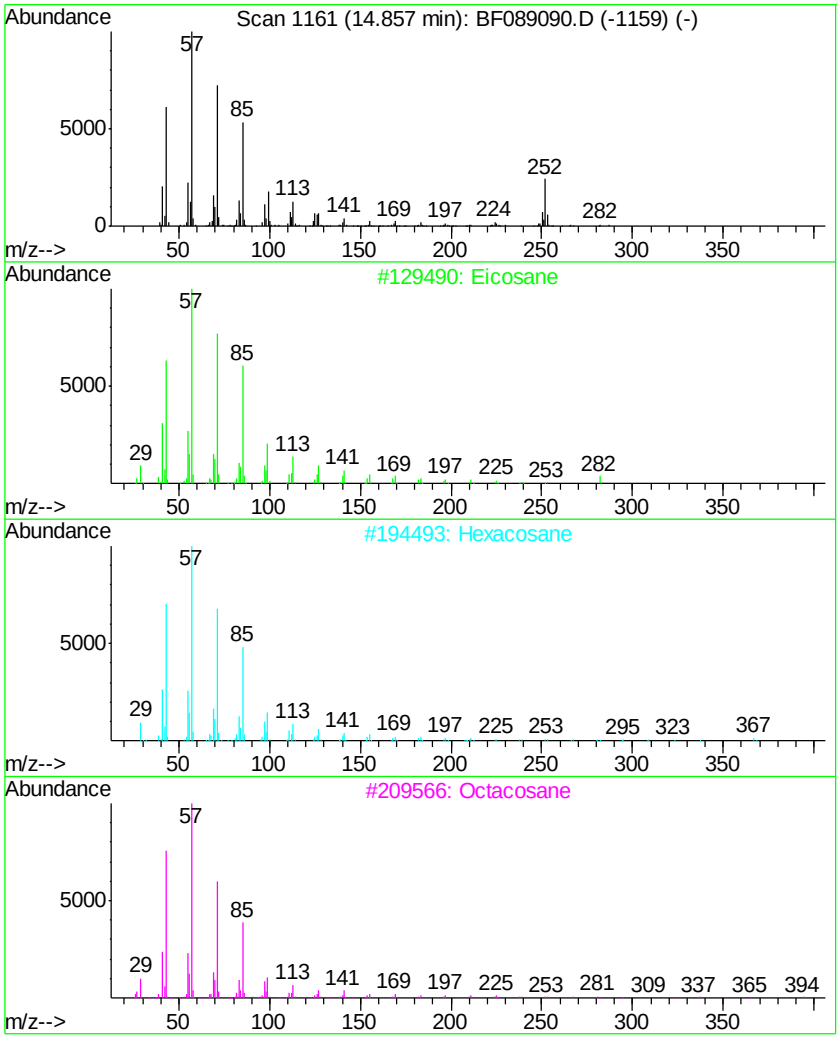
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

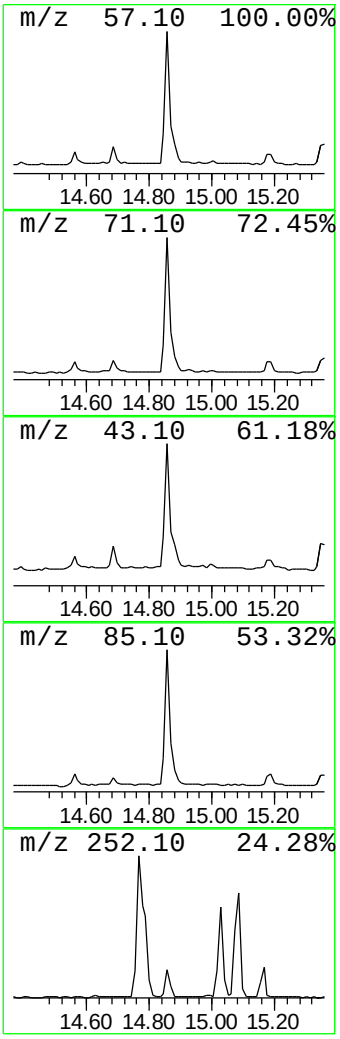
****

Peak Number 10 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	42.37 ng	516866	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexacosane	366	C26H54	000630-01-3	81
3	Octacosane	394	C28H58	000630-02-4	81
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	81
5	Pentacosane	352	C25H52	000629-99-2	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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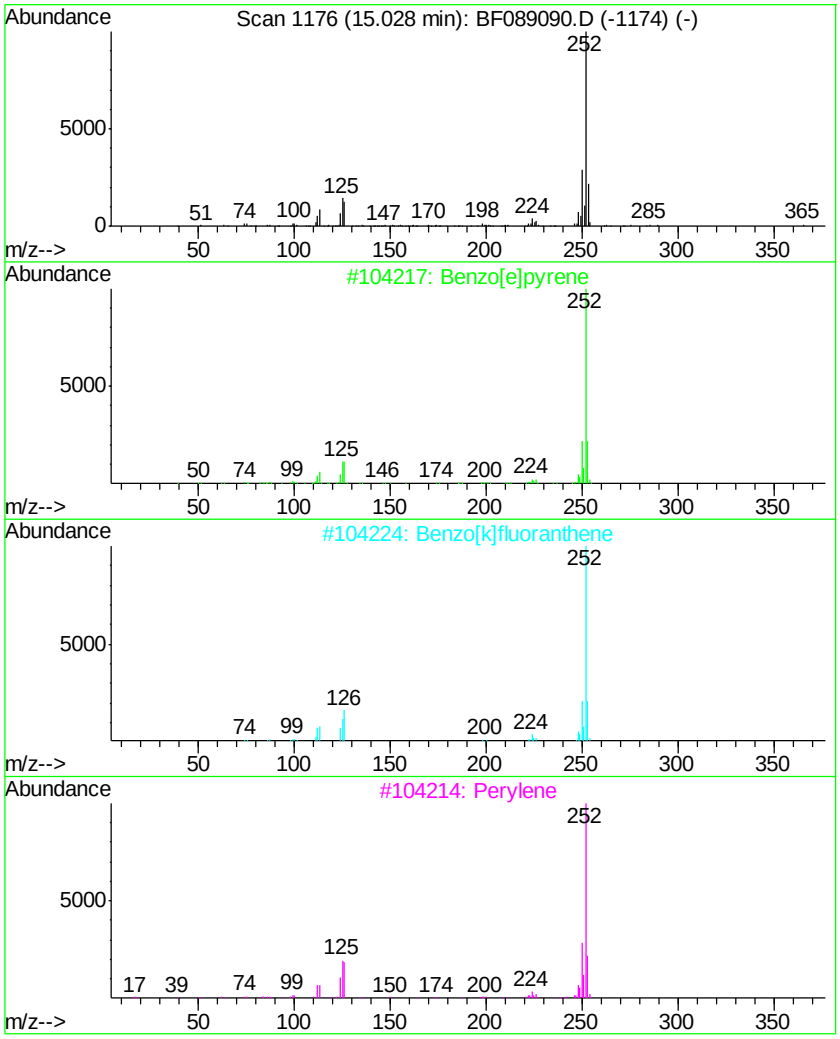
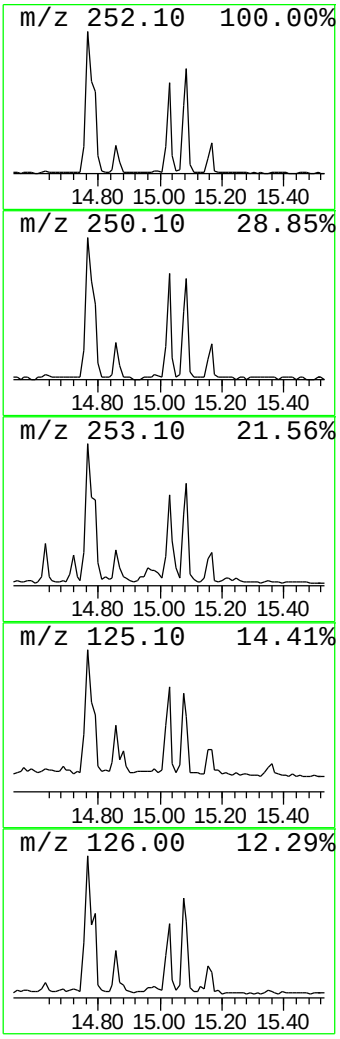
Peak Number 11 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	12.94 ng	157866	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

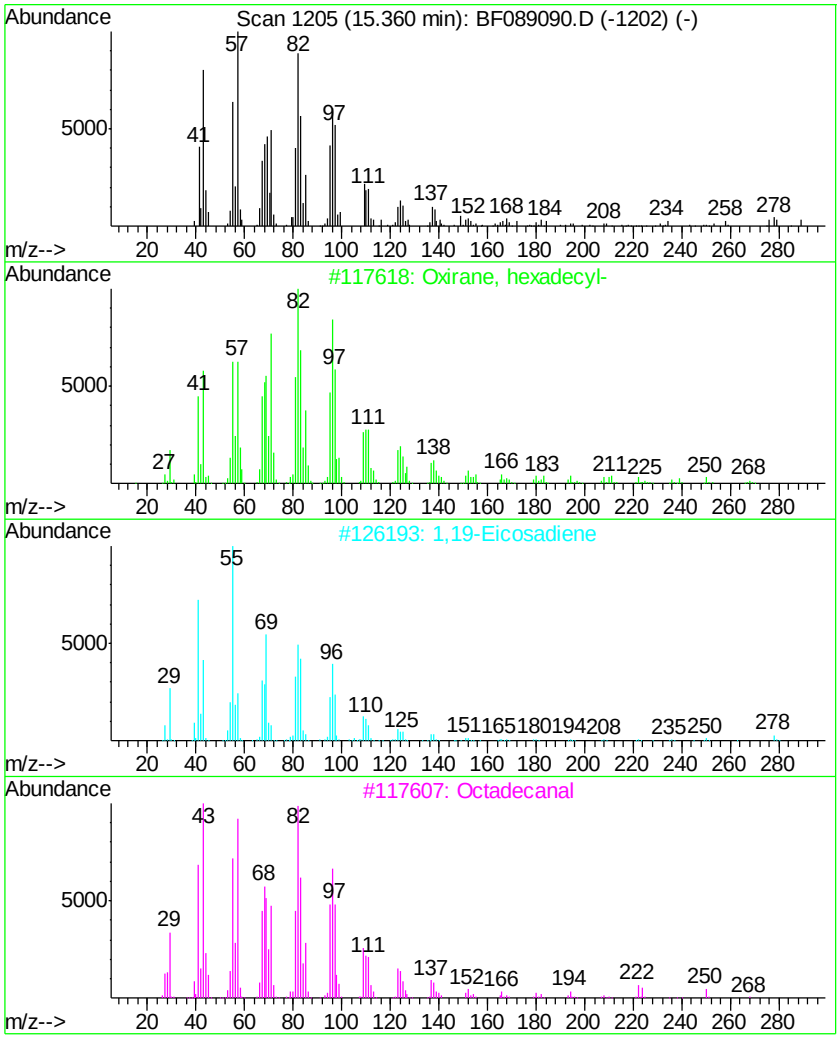
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

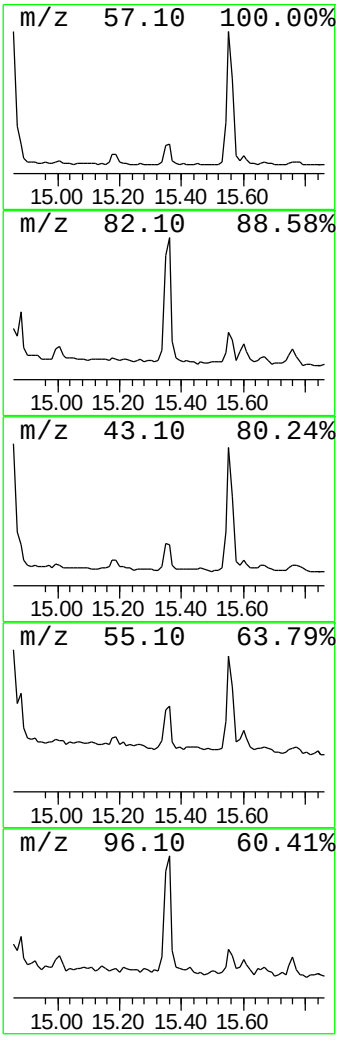
****

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	15.42 ng	188164	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	83





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Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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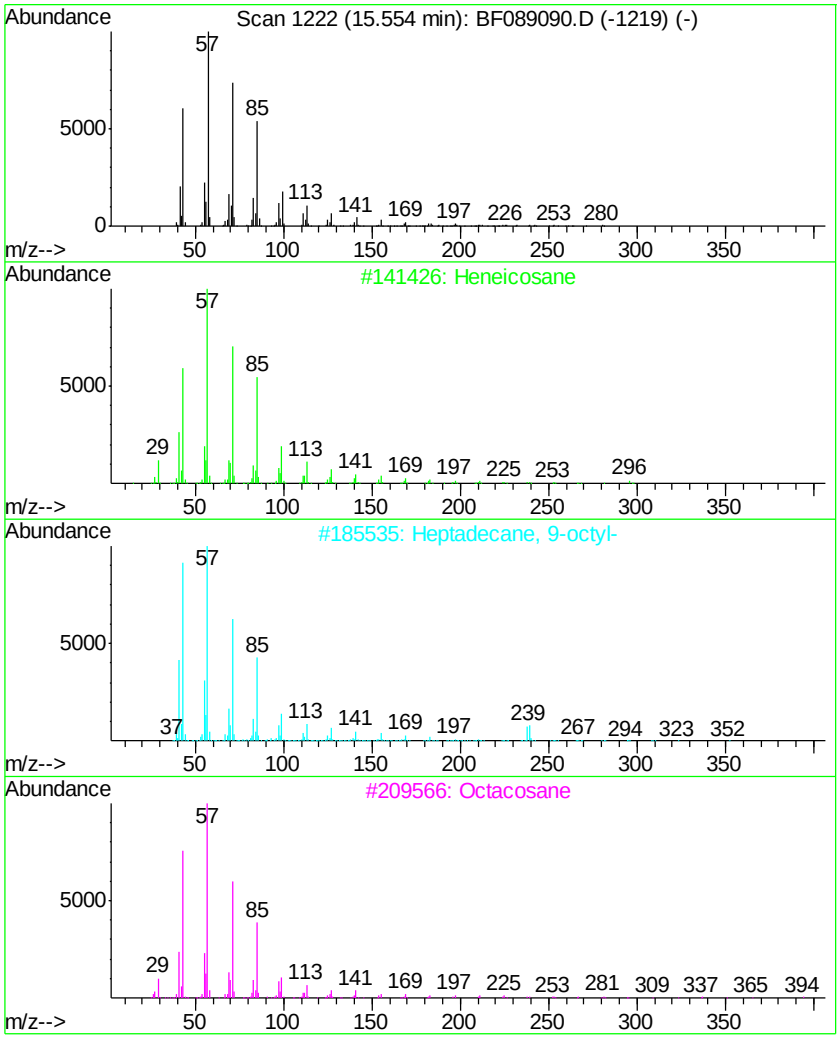
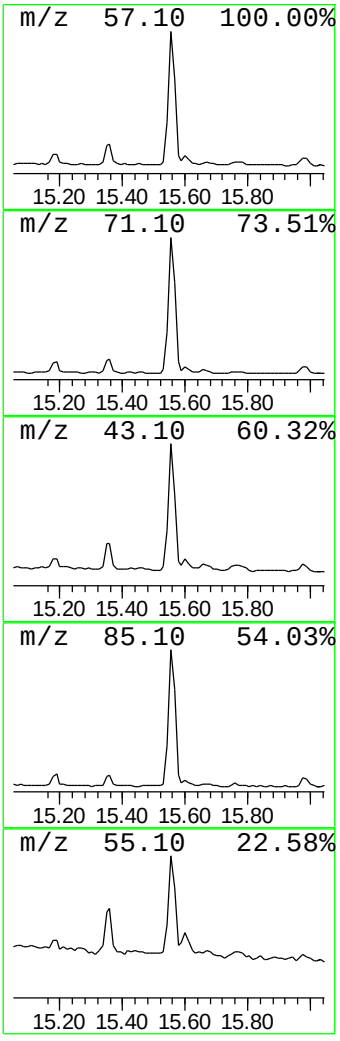
Peak Number 13 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	41.35 ng	504425	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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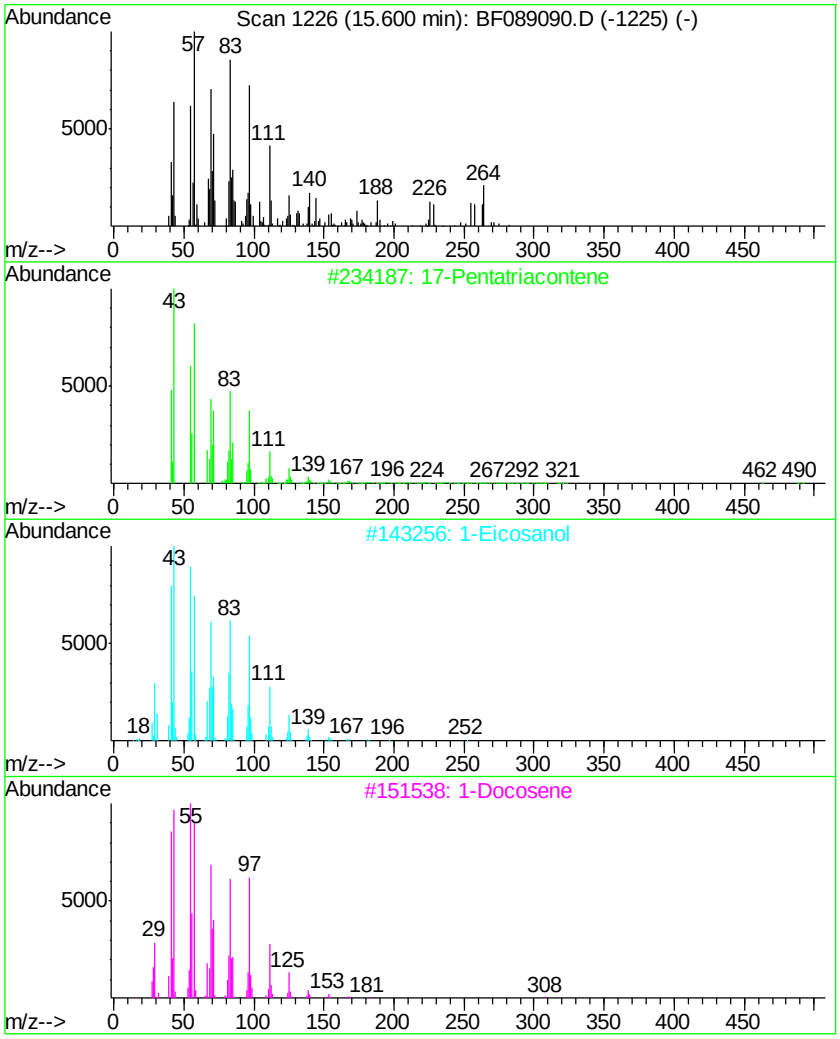
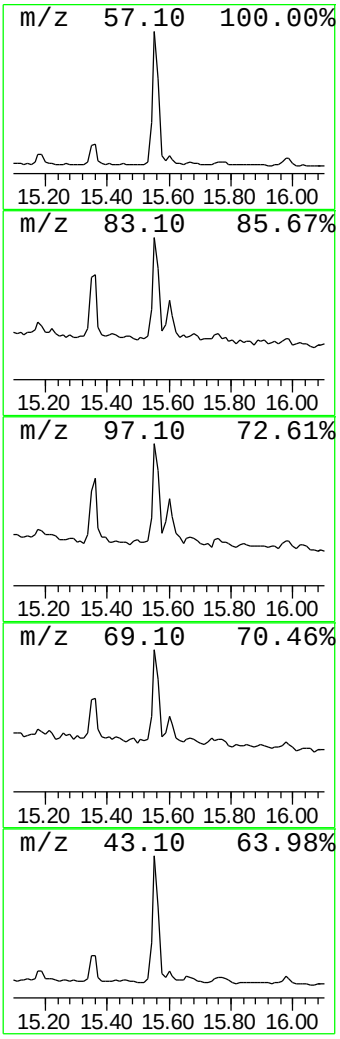
Peak Number 14 17-Pentatriacontene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	5.07 ng	61825	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	81
2	1-Eicosanol	298	C20H42O	000629-96-9	72
3	1-Docosene	308	C22H44	001599-67-3	64
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	58
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	52





Library Search Compound Report

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Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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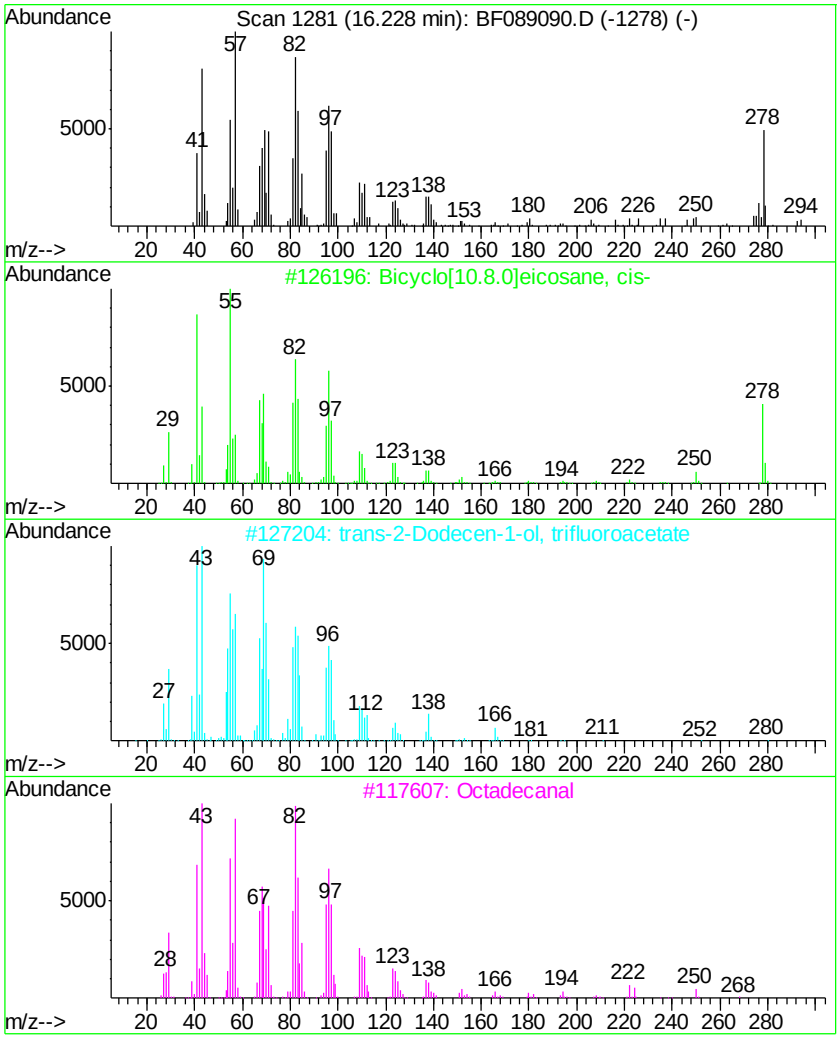
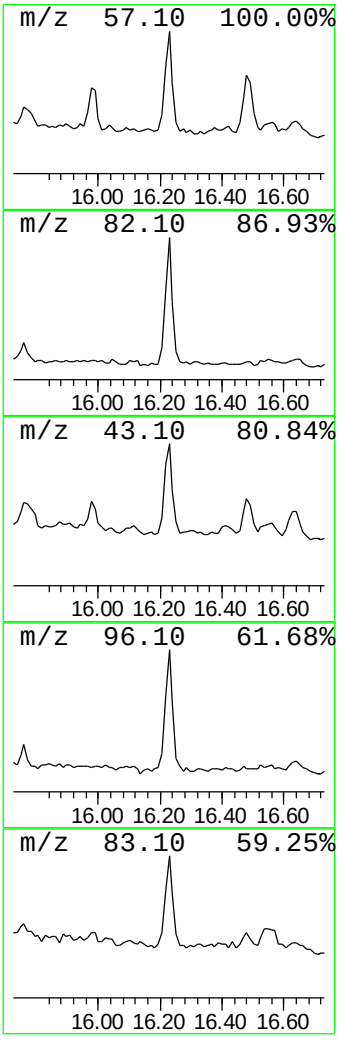
Peak Number 15 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	17.73 ng	216285	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	90
2	trans-2-Dodecen-1-ol, trifluoroa...	280	C14H23F3O2	1000352-26-2	86
3	Octadecanal	268	C18H36O	000638-66-4	81
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
5	1,19-Eicosadiene	278	C20H38	014811-95-1	62





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Acq On : 18 Jul 2016 19:10
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Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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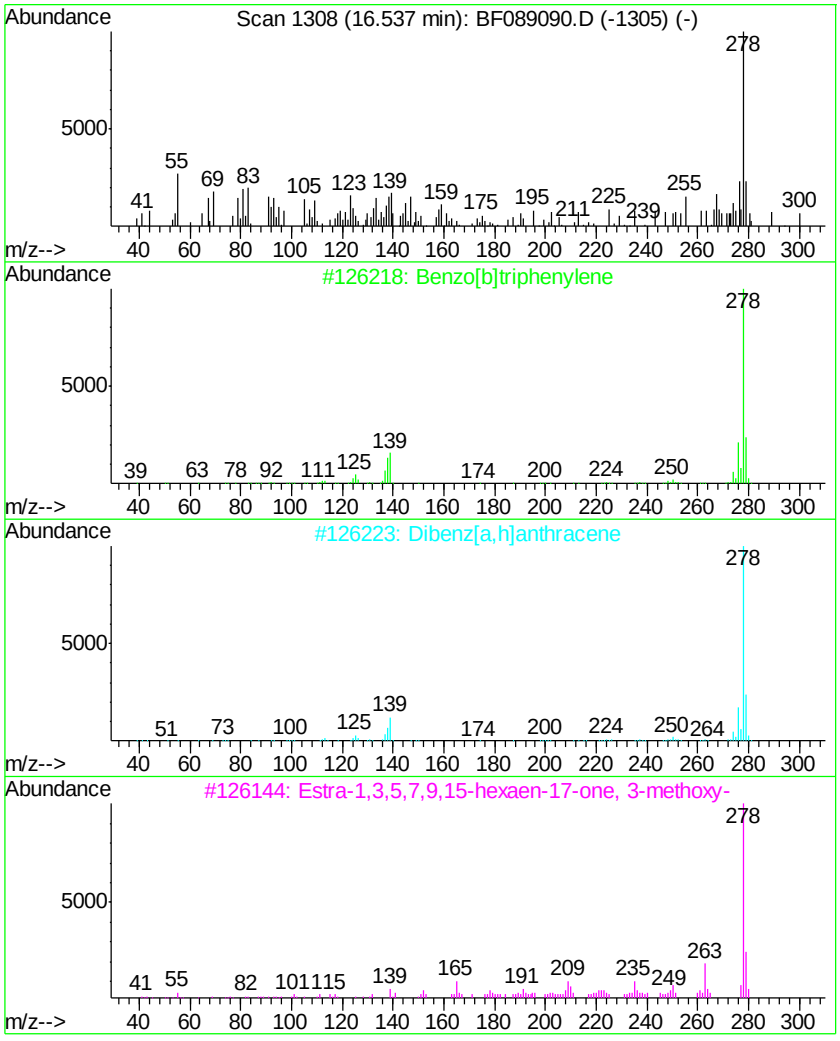
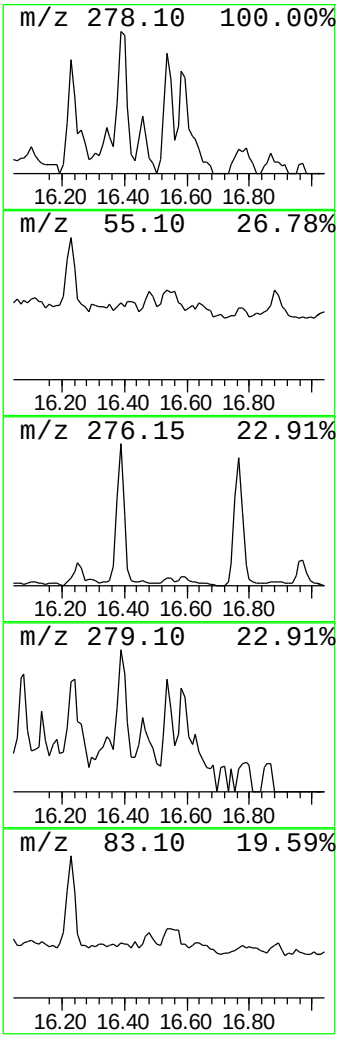
Peak Number 16 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	6.78 ng	82679	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	64
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
3	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	58
4	Picene	278	C22H14	000213-46-7	58
5	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	58





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Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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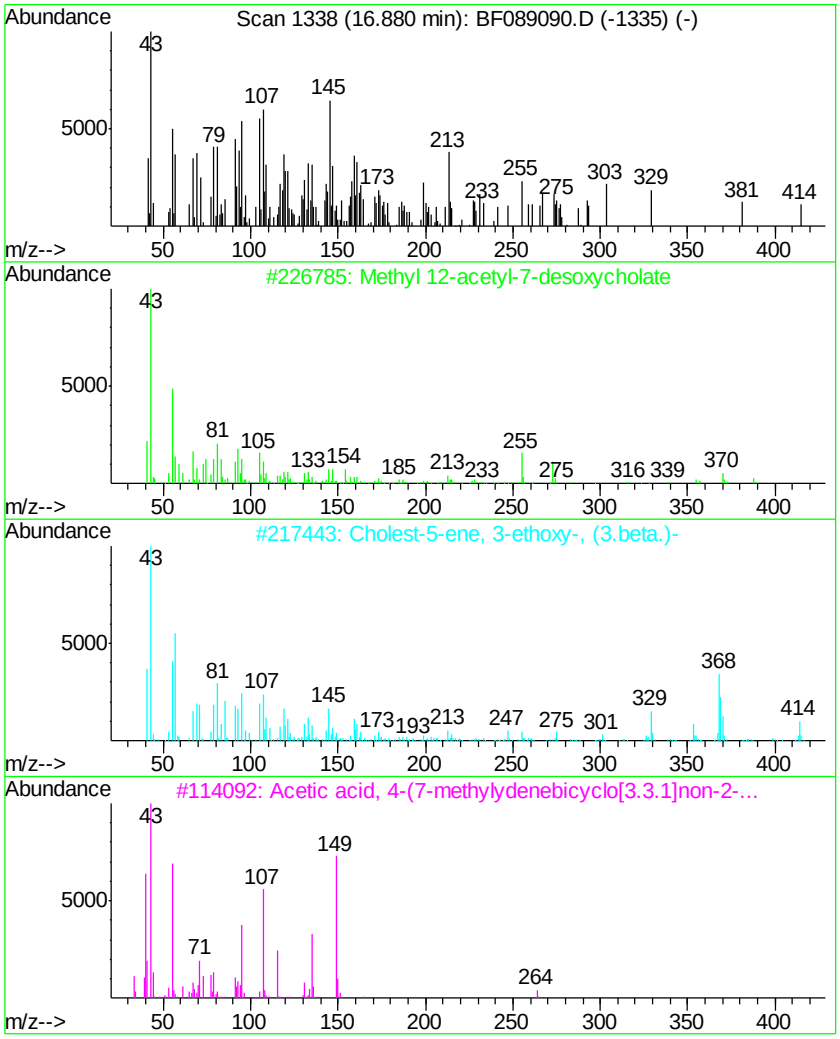
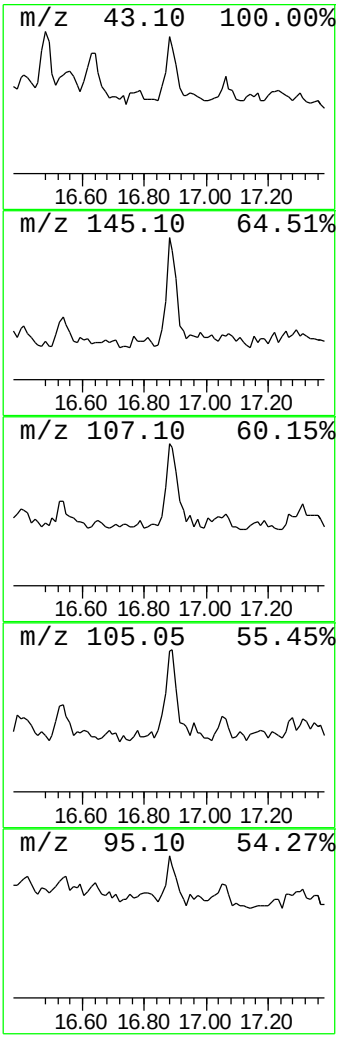
Peak Number 17 unknown16.88 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	14.44 ng	176167	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 12-acetyl-7-desoxycholate	448	C27H44O5	055547-48-3	25
2	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	25
3	Acetic acid, 4-(7-methylydenebic...	264	C16H24O3	1000272-02-4	22
4	5-Cholene, 3,24-dihydroxy-	360	C24H40O2	1000251-69-2	16
5	Pyrrolidine-2,5-dione, 1-(2,6-di...	333	C11H6F3N3O6	1000304-34-3	12





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Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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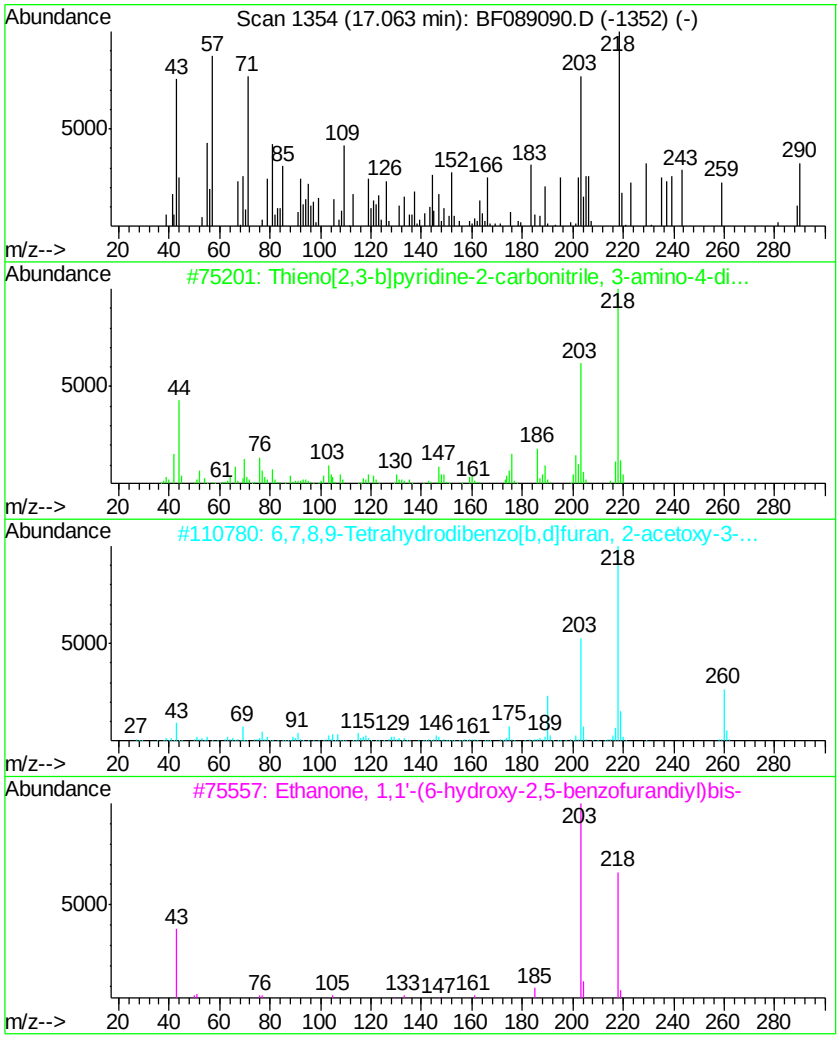
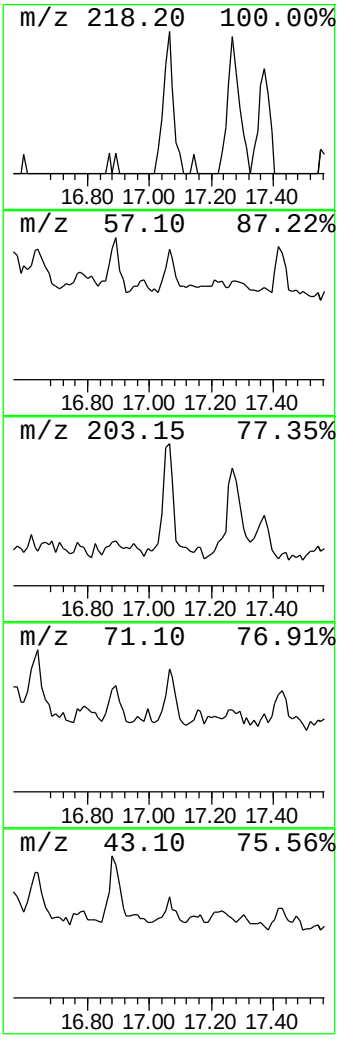
Peak Number 18 unknown17.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	5.11 ng	62357	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	27
2	6,7,8,9-Tetrahydrodibenzo[b,d]fu...	260	C15H16O4	1000196-34-3	27
3	Ethanone, 1,1'-(6-hydroxy-2,5-be...	218	C12H10O4	053947-86-7	27
4	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	27
5	3H-Pyrazolo[4,3-c]quinolin-3-one...	203	C10H6FN3O	1000362-68-8	11





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Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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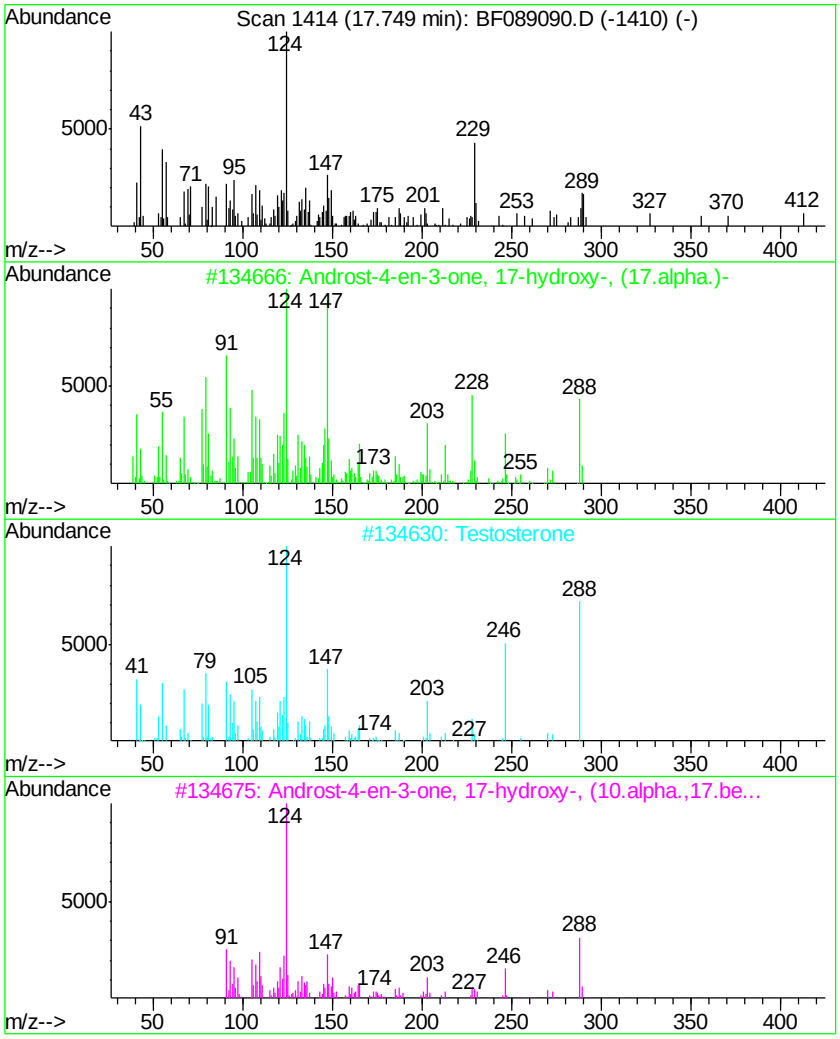
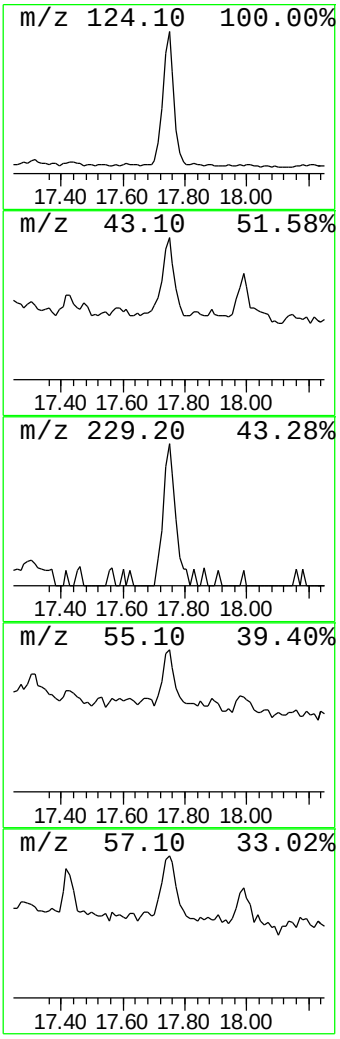
Peak Number 19 Androst-4-en-3-one, 17-hydr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	20.15 ng	245848	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	86
2	Testosterone	288	C19H28O2	000058-22-0	70
3	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	49
4	Thiophene-2-sulfonic acid, (3-fl...	271	C11H10FNO2S2	1000311-21-1	38
5	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	38





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Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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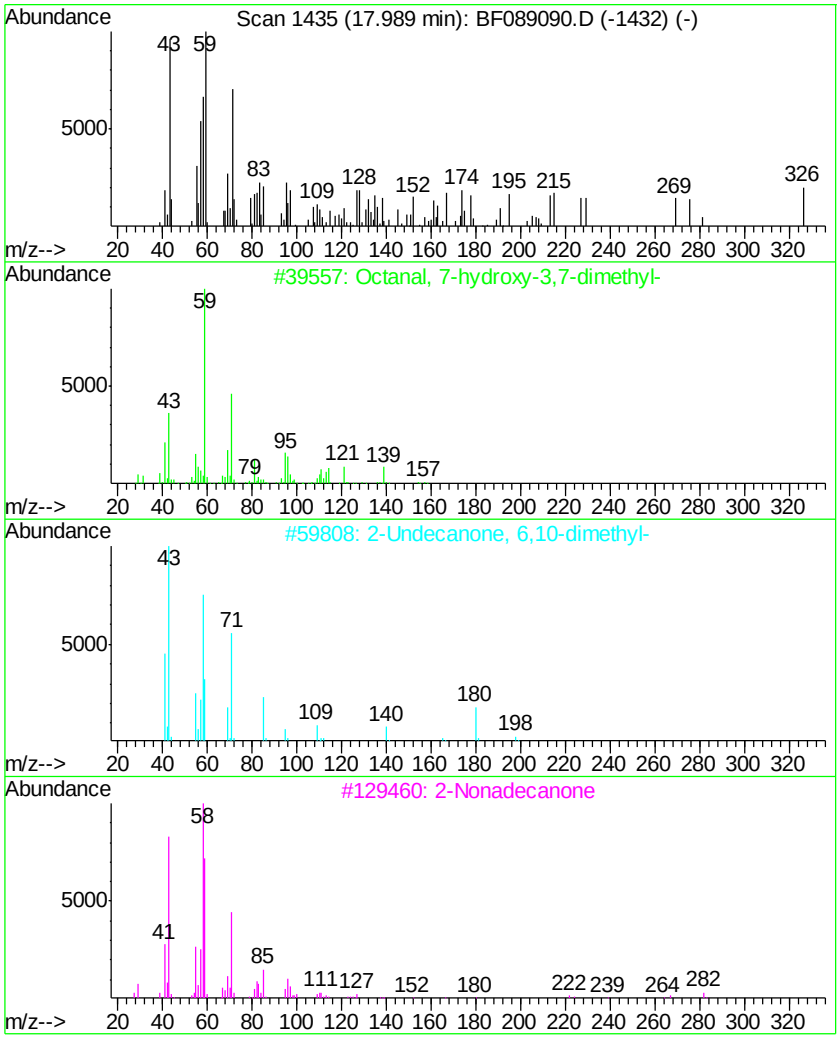
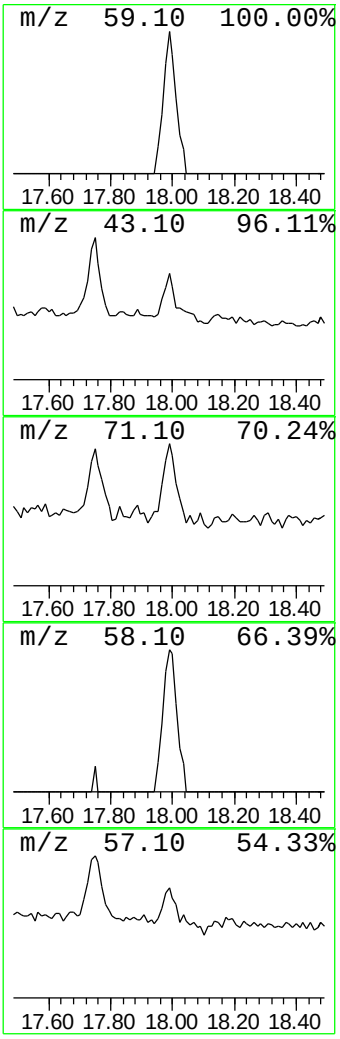
Peak Number 20 unknown17.99 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.76 ng	58098	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	43
2	2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	38
3	2-Nonadecanone	282	C19H38O	000629-66-3	37
4	2-Tetradecanone	212	C14H28O	002345-27-9	37
5	2-Tridecanone	198	C13H26O	000593-08-8	37





Tentatively Identified Compound (LSC) summary

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Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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...	4.76	6.7	ng	109456	1	6.64	326950	20.0
Butanoic acid, 3-...	4.99	7.9	ng	128455	1	6.64	326950	20.0
unknown6.41	6.41	42.9	ng	701006	1	6.64	326950	20.0
unknown11.76	11.76	5.1	ng	117117	4	11.15	463293	20.0
1-butyne, 4-chlor...	11.84	4.7	ng	108609	4	11.15	463293	20.0
Bicyclo[10.8.0]ei...	14.69	9.7	ng	117815	6	15.13	243976	20.0
Eicosane	14.86	42.4	ng	516866	6	15.13	243976	20.0
Benzo[e]pyrene	15.03	12.9	ng	157866	6	15.13	243976	20.0
Oxirane, hexadecyl-	15.36	15.4	ng	188164	6	15.13	243976	20.0
Heneicosane	15.55	41.4	ng	504425	6	15.13	243976	20.0
17-Pentatriacontene	15.60	5.1	ng	61825	6	15.13	243976	20.0
Bicyclo[10.8.0]ei...	16.23	17.7	ng	216285	6	15.13	243976	20.0
Benzo[b]triphenylene	16.54	6.8	ng	82679	6	15.13	243976	20.0
unknown16.88	16.88	14.4	ng	176167	6	15.13	243976	20.0
unknown17.06	17.06	5.1	ng	62357	6	15.13	243976	20.0
Androst-4-en-3-on...	17.75	20.1	ng	245848	6	15.13	243976	20.0
unknown17.99	17.99	4.8	ng	58098	6	15.13	243976	20.0