LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

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-BF072716.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	1.656	4	6	51	rVB	715713	1840144	100.00%	13.543%
2	4.559	257	260	270	rBV	131921	223679	12.16%	1.646%
3	5.050	301	303	320	rBV	616321	758626	41.23%	5.583%
4	6.147	397	399	406	rBV	476379	714849	38.85%	5.261%
5	6.250	406	408	410	rBV	672705	754798	41.02%	5.555%
6	6.479	426	428	435	rBV	185629	188129	10.22%	1.385%
7	6.627	439	441	444	rBV	454877	587486	31.93%	4.324%
8	7.050	476	478	489	rBV	411455	450498	24.48%	3.316%
9	7.759	539	540	543	rBV	145214	217274	11.81%	1.599%
10	8.845	633	635	637	rBV	853201	740274	40.23%	5.448%
11	9.245	668	670	672	rBV	113579	91896	4.99%	0.676%
12	9.508	691	693	695	rVV	247332	221477	12.04%	1.630%
13	10.296	760	762	764	rBV2	251075	340207	18.49%	2.504%
14	10.434	772	774	778	rBV	22165	29971	1.63%	0.221%
15	10.982	819	822	826	rBV2	150352	360387	19.58%	2.652%
16	11.051	826	828	831	rVB	42616	51700	2.81%	0.380%
17	11.234	840	844	847	rBV3	11908	25244	1.37%	0.186%
18	11.474	863	865	867	rBV2	22132	31995	1.74%	0.235%
19	11.508	867	868	869	rVV	33469	26999	1.47%	0.199%
20	11.554	869	872	874	rVV2	38250	97331	5.29%	0.716%
21	11.588	874	875	881	rVB2	45822	60834	3.31%	0.448%
22	12.022	911	913	915	rBV	23749	27216	1.48%	0.200%
23	12.114	919	921	923	rVB	19961	22596	1.23%	0.166%
24	12.182	925	927	929	rBV	360773	362488	19.70%	2.668%
25	12.331	937	940	942	rBV2	14495	26894	1.46%	0.198%
26	12.399	944	946	949	rVV	303448	380118	20.66%	2.798%
27	12.457	949	951	954	rVB2	23248	34118	1.85%	0.251%
28	12.559	958	960	963	rVV	697729	659642	35.85%	4.855%
29	12.628	963	966	972	rVV3	22471	40363	2.19%	0.297%
30	12.731	972	975	977	rVB	38731	72046	3.92%	0.530%
31	12.800	977	981	983	rBV2	38945	61612	3.35%	0.453%
32	12.834	983	984	988	rVV2	50472	64299	3.49%	0.473%
33	12.925	990	992	994	rVV	26254	26516	1.44%	0.195%
34	13.154	1007	1012	1016	rBV3	18612	55860	3.04%	0.411%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

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-BF072716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.245	1016	1020	1024	rBV2	31105	74460	4.05%	0.548%
36	13.348	1027	1029	1030	rBV	39032	47085	2.56%	0.347%
37	13.474	1037	1040	1043	rBV3	84507	136252	7.40%	1.003%
38	13.600	1047	1051	1057	rBV2	354963	819417	44.53%	6.031%
39	13.702	1057	1060	1063	rBV	27735	40706	2.21%	0.300%
40	13.988	1080	1085	1087	rBV	44747	103456	5.62%	0.761%
41	14.080	1091	1093	1094	rVV2	18716	31148	1.69%	0.229%
42	14.102	1094	1095	1101	rVB3	112312	159893	8.69%	1.177%
43	14.308	1110	1113	1116	rBV5	18754	48010	2.61%	0.353%
44	14.457	1124	1126	1129	rVB	35041	40099	2.18%	0.295%
45	14.514	1129	1131	1133	rBV2	61434	77455	4.21%	0.570%
46	14.594	1135	1138	1142	rBV	199785	392312	21.32%	2.887%
47	14.674	1143	1145	1150	rVB2	149684	247125	13.43%	1.819%
48	14.834	1156	1159	1161	rVB	89154	130951	7.12%	0.964%
49	14.880	1161	1163	1165	rVV	160701	182097	9.90%	1.340%
50	14.925	1165	1167	1173	rVB2	164546	302591	16.44%	2.227%
51	15.131	1183	1185	1188	rVB4	48463	54459	2.96%	0.401%
52	15.314	1198	1201	1203	rBV	121904	166750	9.06%	1.227%
53	15.360	1203	1205	1208	rVV3	37788	79337	4.31%	0.584%
54	15.417	1208	1210	1212	rVV	23274	39431	2.14%	0.290%
55	15.497	1215	1217	1221	rVB3	25846	52751	2.87%	0.388%
56	15.806	1242	1244	1250	rVB6	21434	61276	3.33%	0.451%
57	15.931	1252	1255	1257	rBV2	52053	94870	5.16%	0.698%
58	16.091	1266	1269	1272	rBV	56933	104057	5.65%	0.766%
59	16.160	1272	1275	1277	rVV	24566	43519	2.36%	0.320%
60	16.228	1279	1281	1284	rVV2	22165	50244	2.73%	0.370%
61	16.286	1284	1286	1295	rVB6	27191	98118	5.33%	0.722%
62	16.434	1296	1299	1303	rBV	38320	80412	4.37%	0.592%
63	16.514	1303	1306	1312	rVV6	27968	69635	3.78%	0.512%
64	16.628	1314	1316	1324	rVB3	12759	38119	2.07%	0.281%
65	17.006	1346	1349	1356	rVB3	16164	46191	2.51%	0.340%
66	17.303	1372	1375	1379	rVB3	11941	27779	1.51%	0.204%

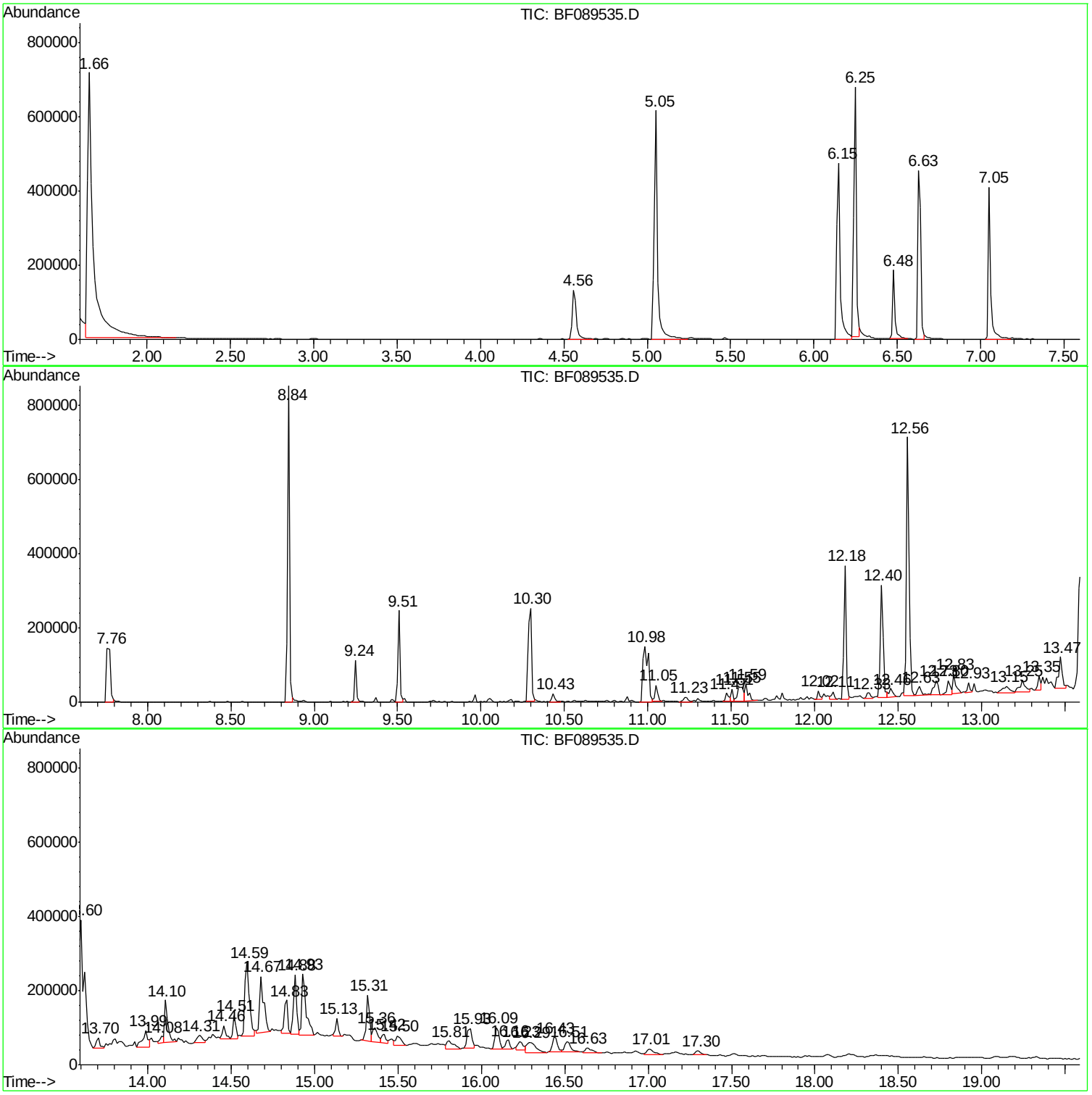
Sum of corrected areas: 13587571

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
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Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

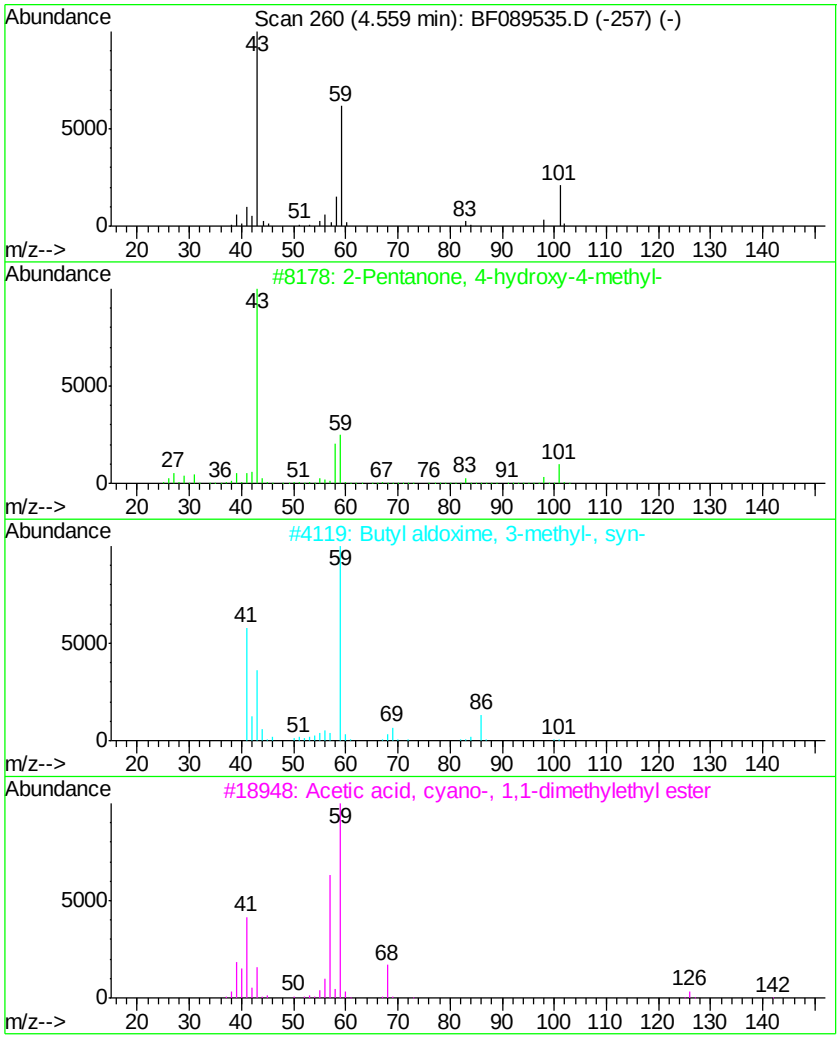
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

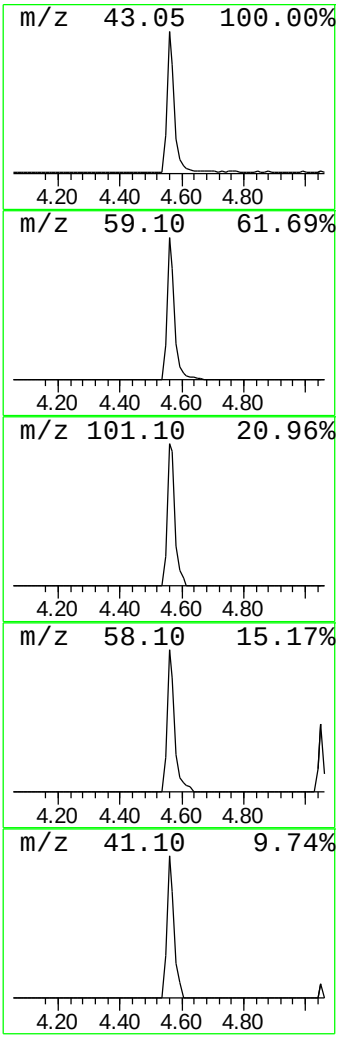
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	23.78 ng	223679	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

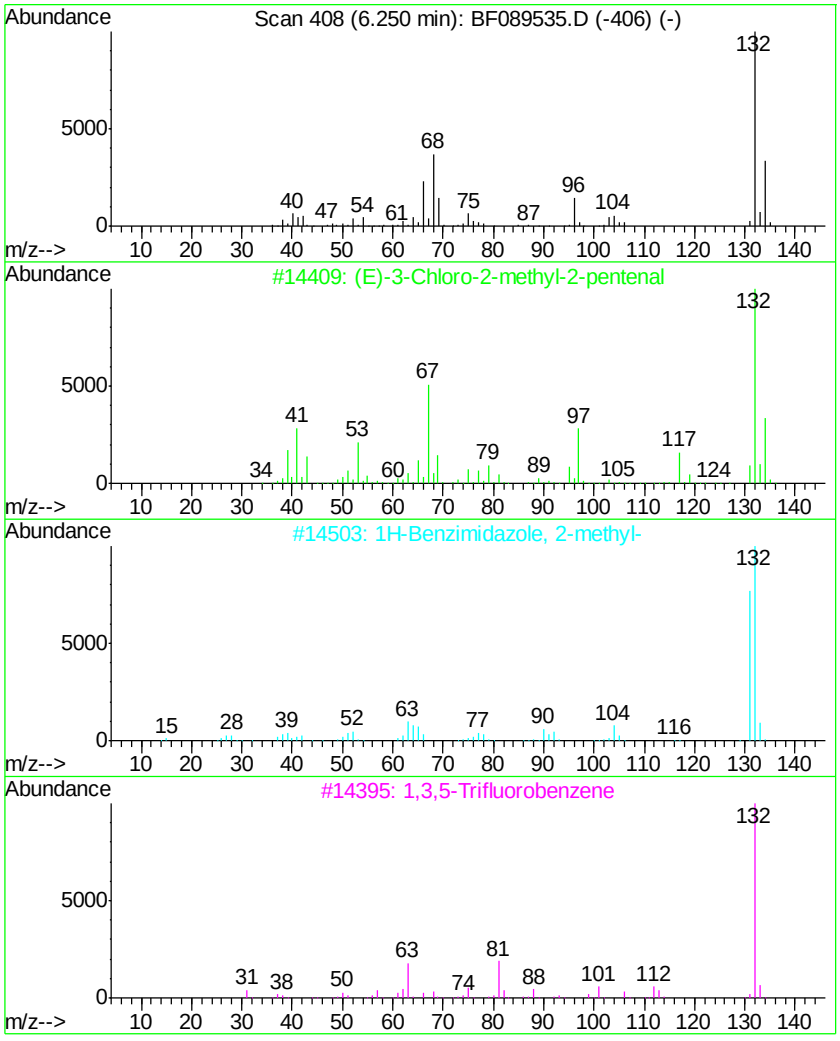
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

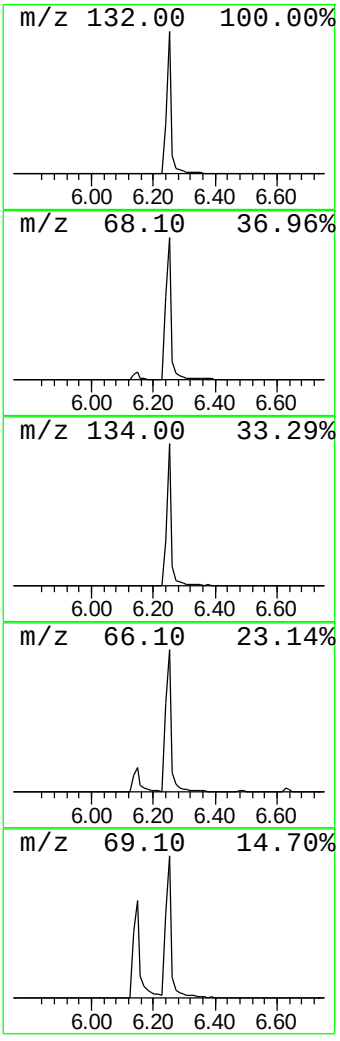
****

Peak Number 3 unknown6.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	80.24 ng	754798	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

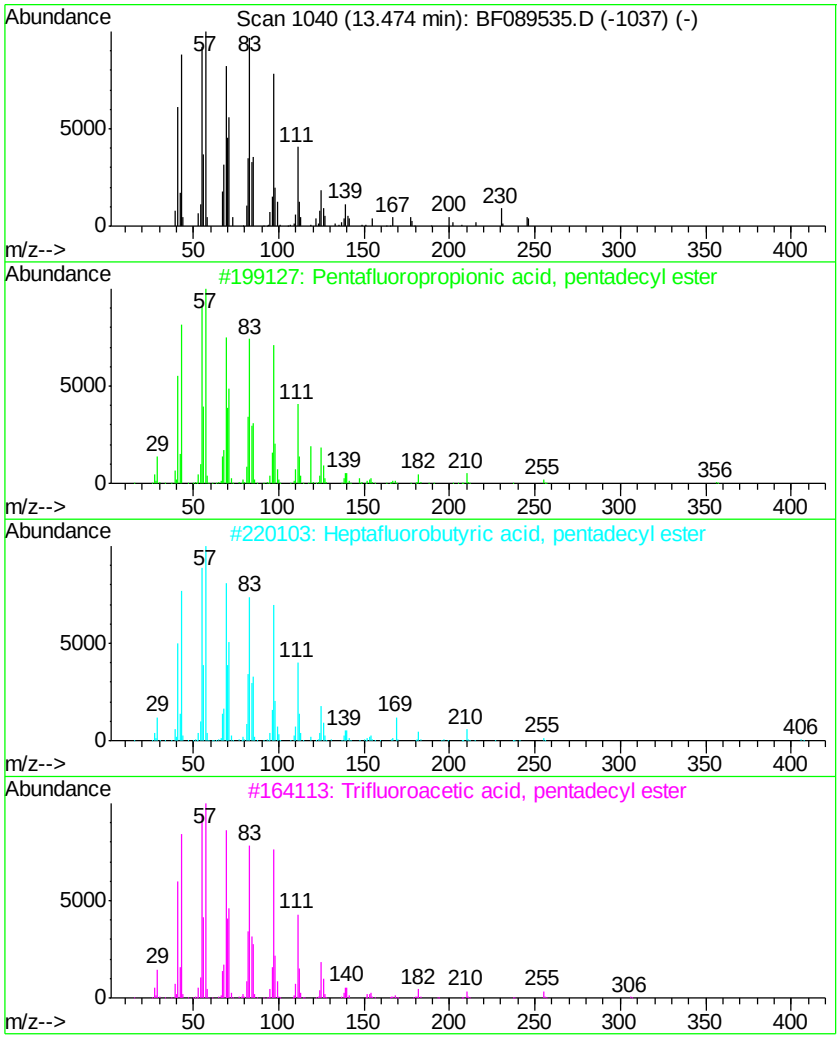
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

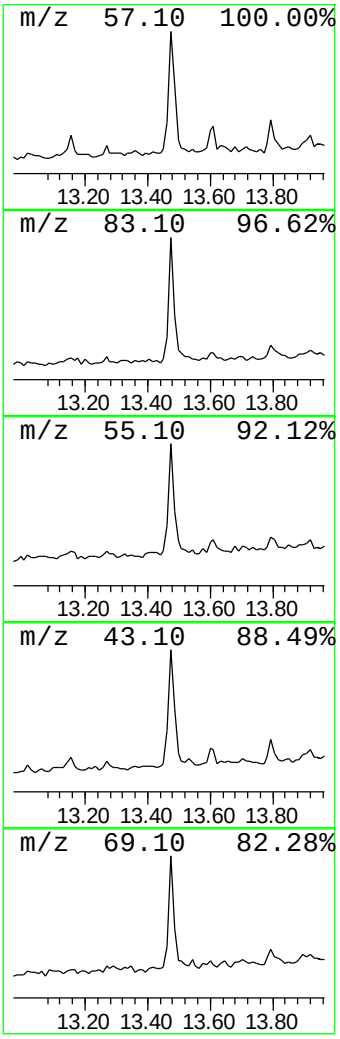
****

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.33 ng	136252	Chrysene-d12	13.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

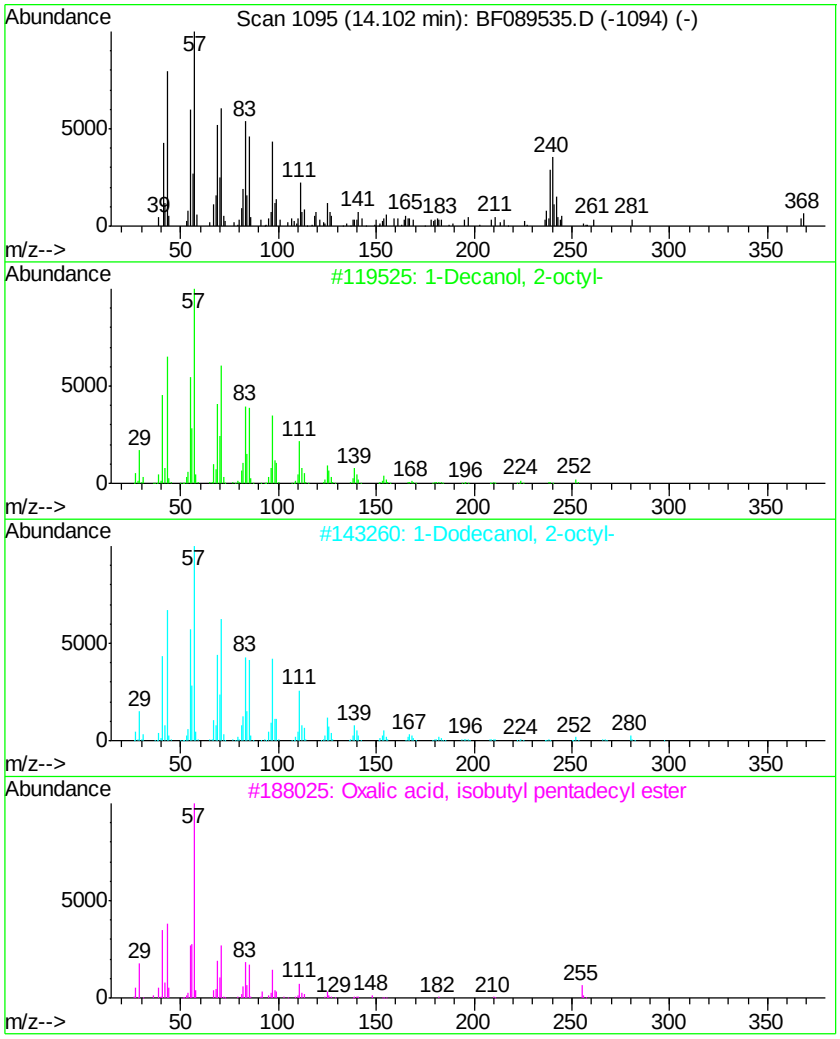
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

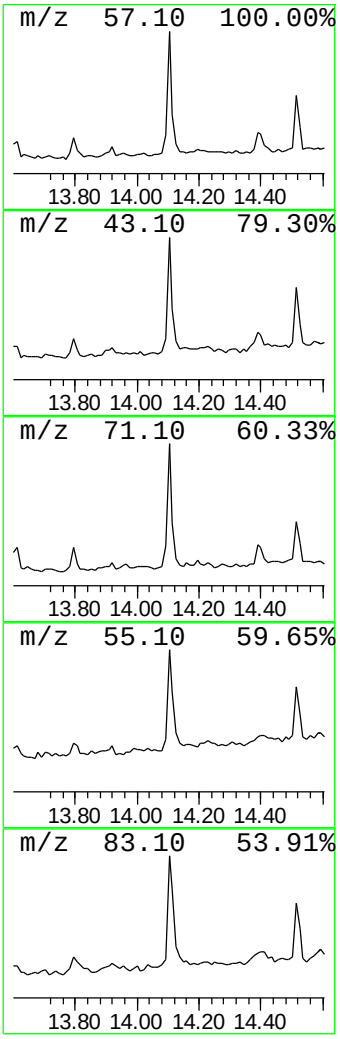
****

Peak Number 6 1-Decanol, 2-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.90 ng	159893	Chrysene-d12	13.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	76
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	76
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	68
4	8-Heptadecene	238	C17H34	002579-04-6	66
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

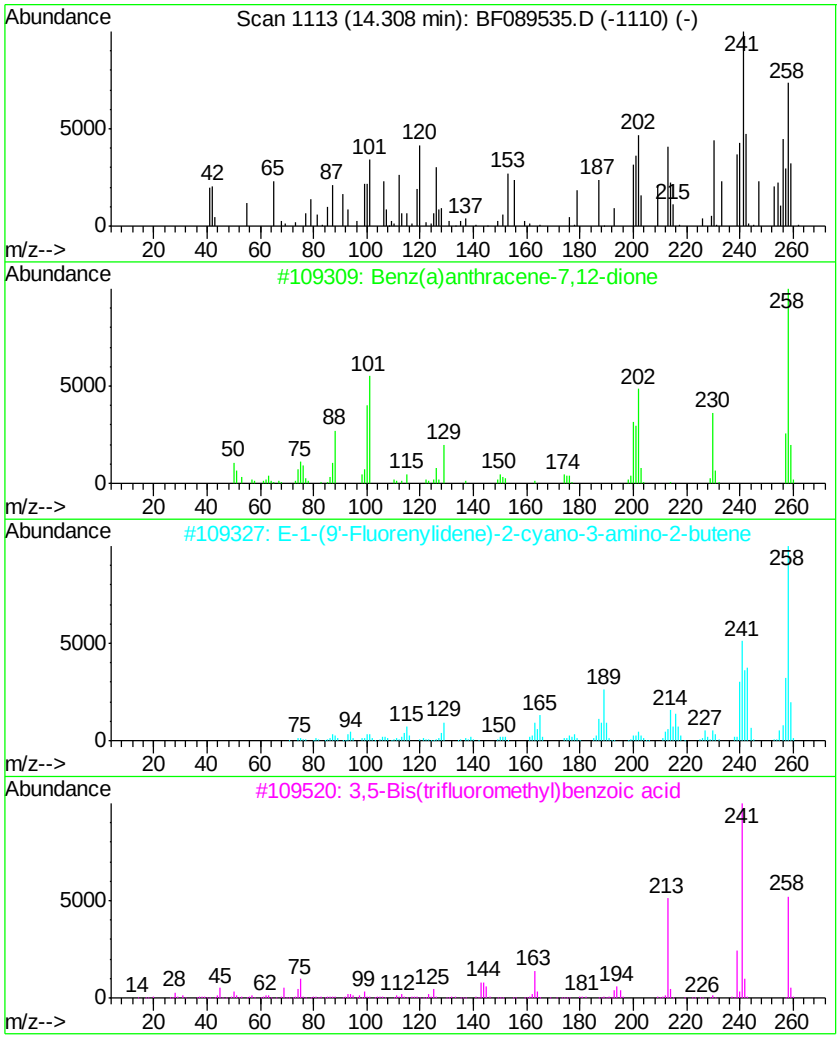
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

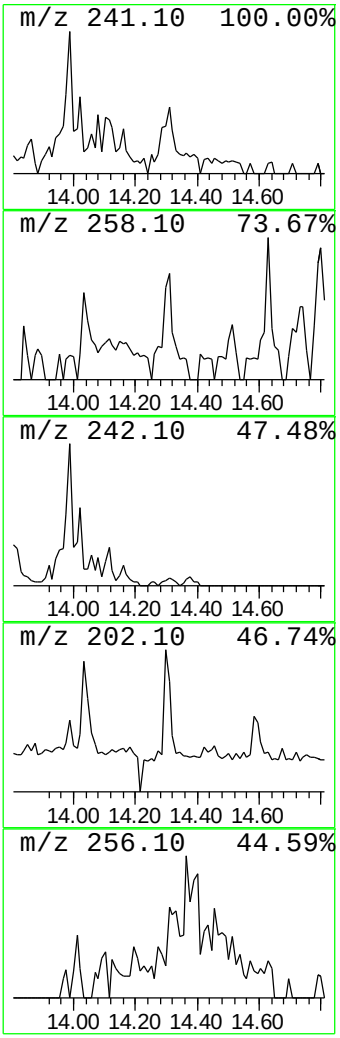
****

Peak Number 7 unknown14.31 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	3.17 ng	48010	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	35
2	E-1-(9'-Fluorenylidene)-2-cyano-...	258	C18H14N2	083026-87-3	35
3	3,5-Bis(trifluoromethyl)benzoic ...	258	C9H4F6O2	000725-89-3	25
4	2-(4-Chloro-phenyl)-8-methyl-ind...	241	C15H12ClN	1000337-21-4	22
5	1,2-Dihydro-2,4'-biquinoline	258	C18H14N2	1000326-82-7	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

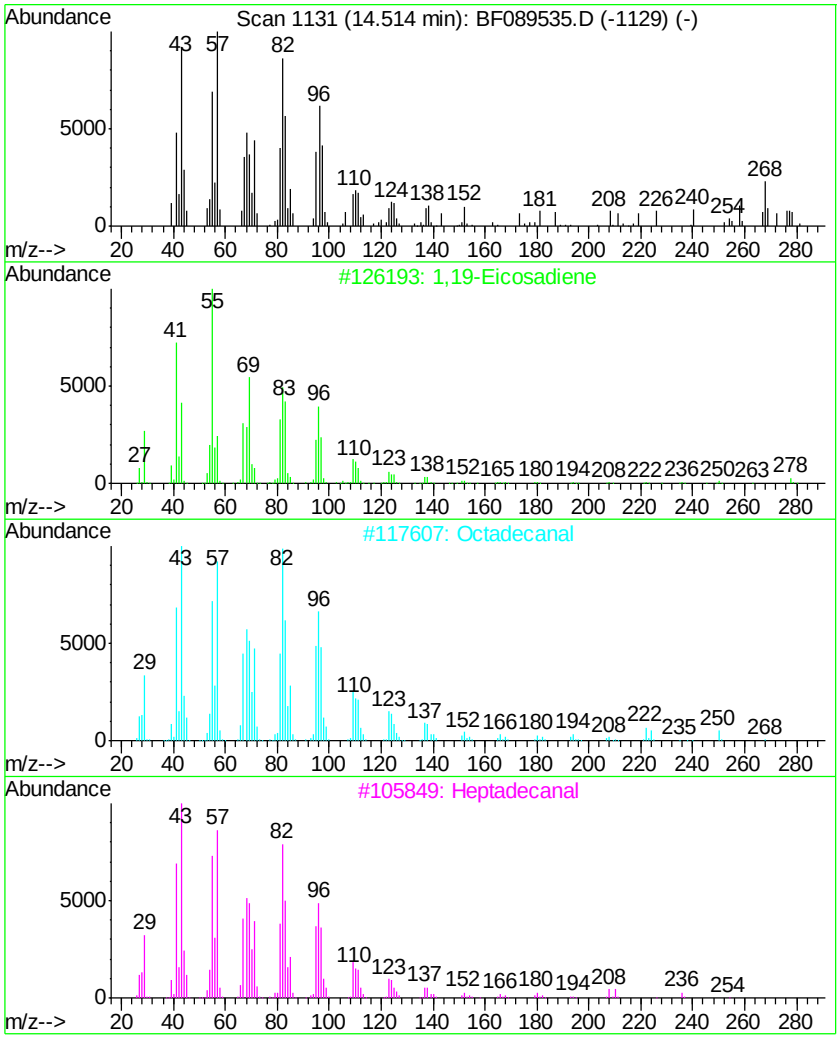
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

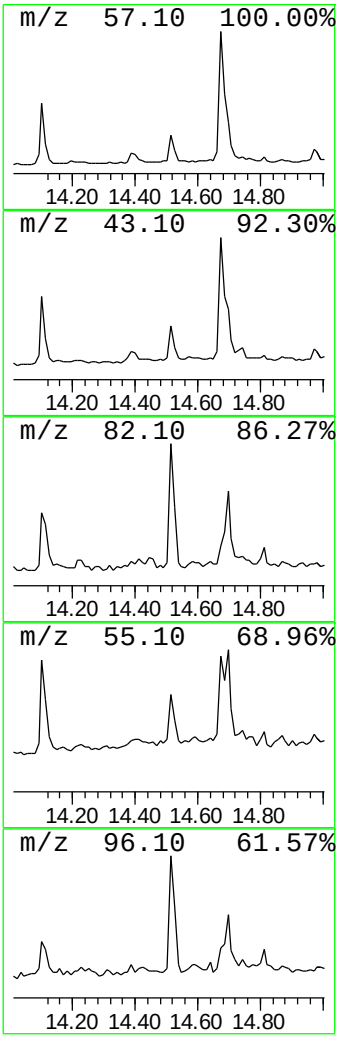
****

Peak Number 8 1,19-Eicosadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	5.12 ng	77455	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Heptadecanal	254	C17H34O	1000376-70-0	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	Hexadecanal	240	C16H32O	000629-80-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

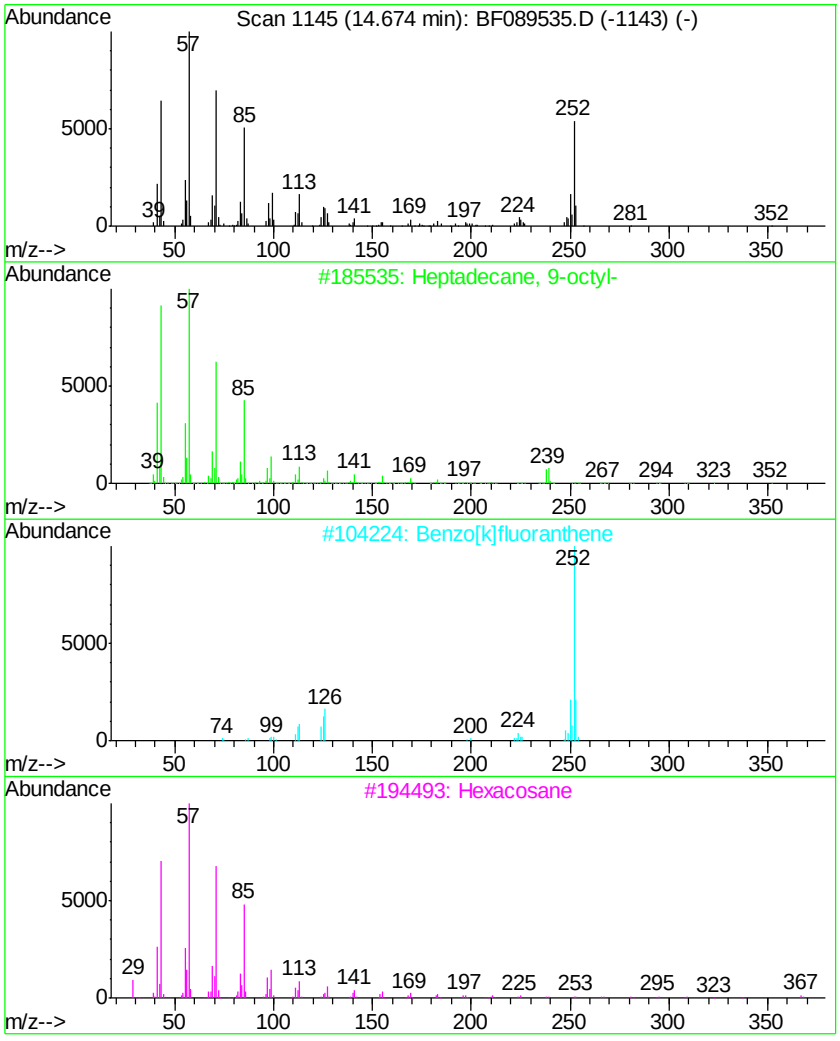
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

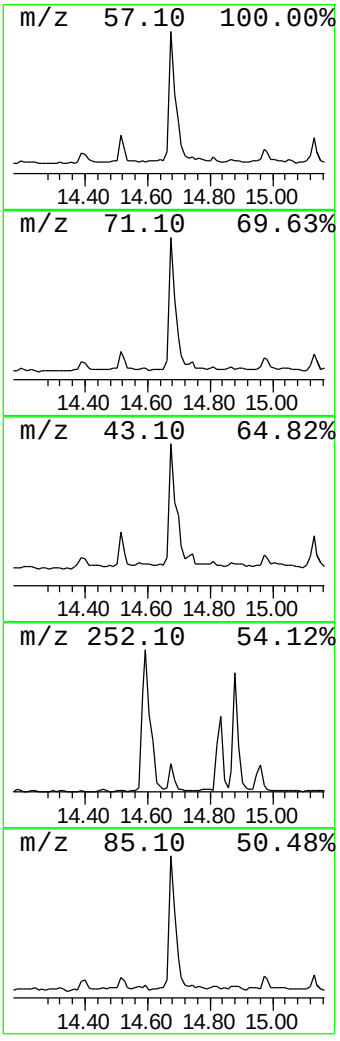
****

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	16.33 ng	247125	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	60
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	46
3	Hexacosane	366	C26H54	000630-01-3	46
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	43
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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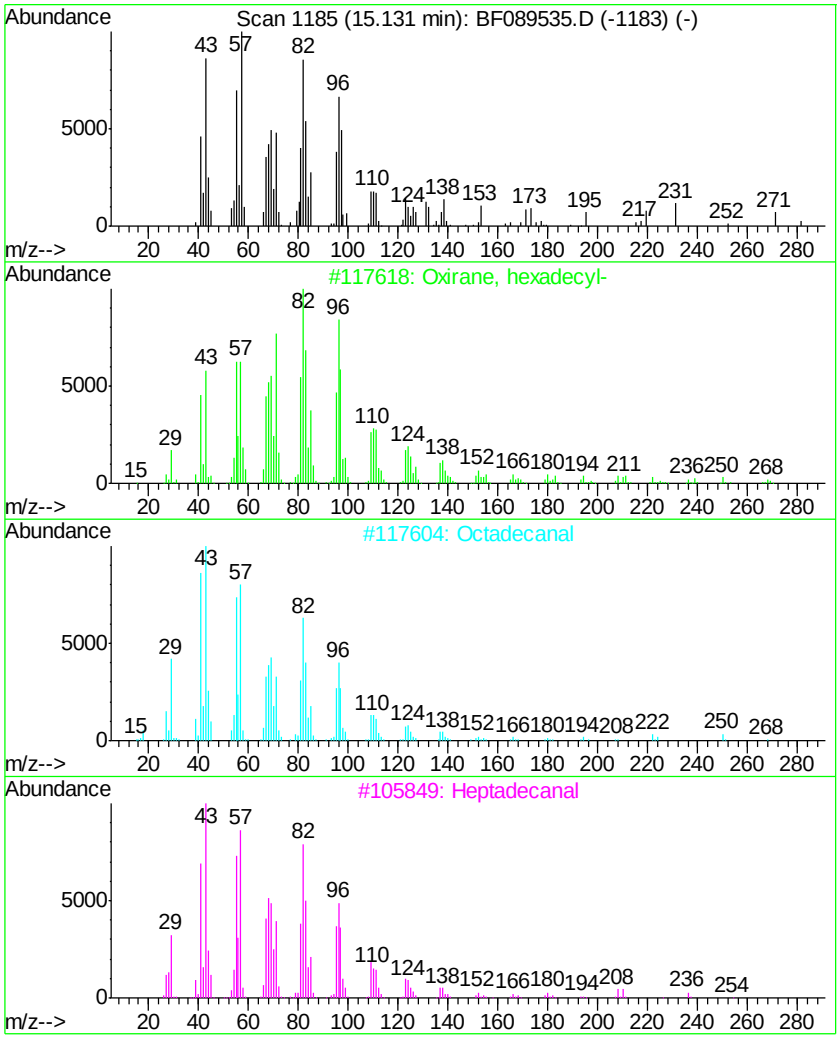
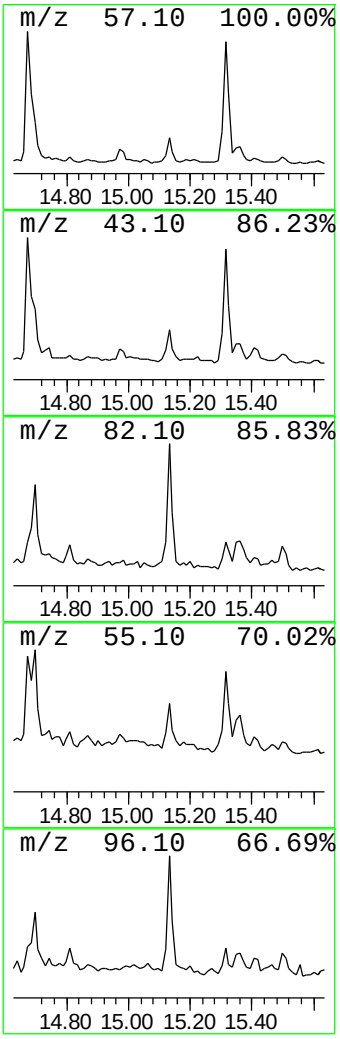
Peak Number 10 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.60 ng	54459	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Heptadecanal	254	C17H34O	1000376-70-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
5	Pentadecanal-	226	C15H30O	002765-11-9	81





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Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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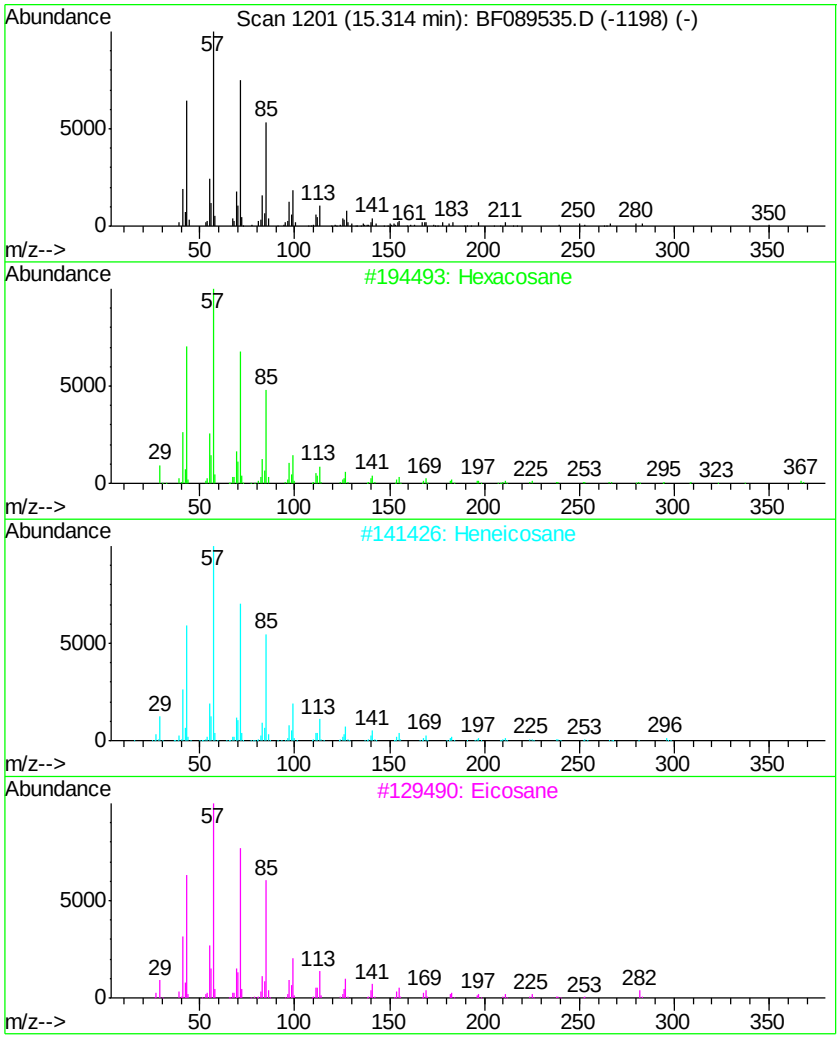
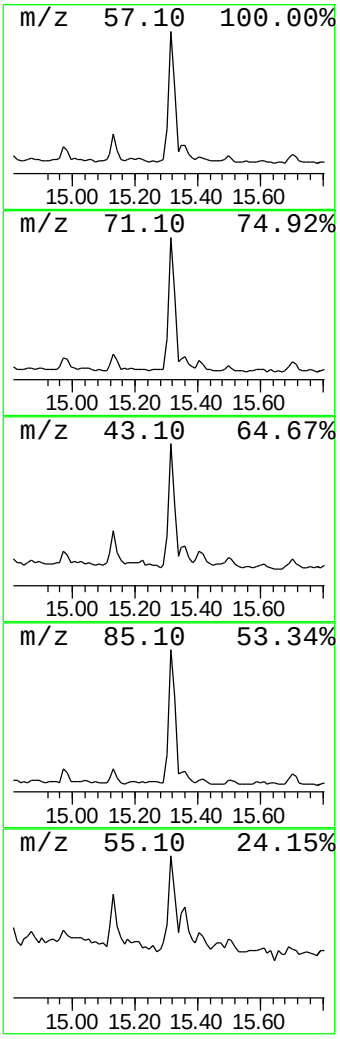
Peak Number 11 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	11.02 ng	166750	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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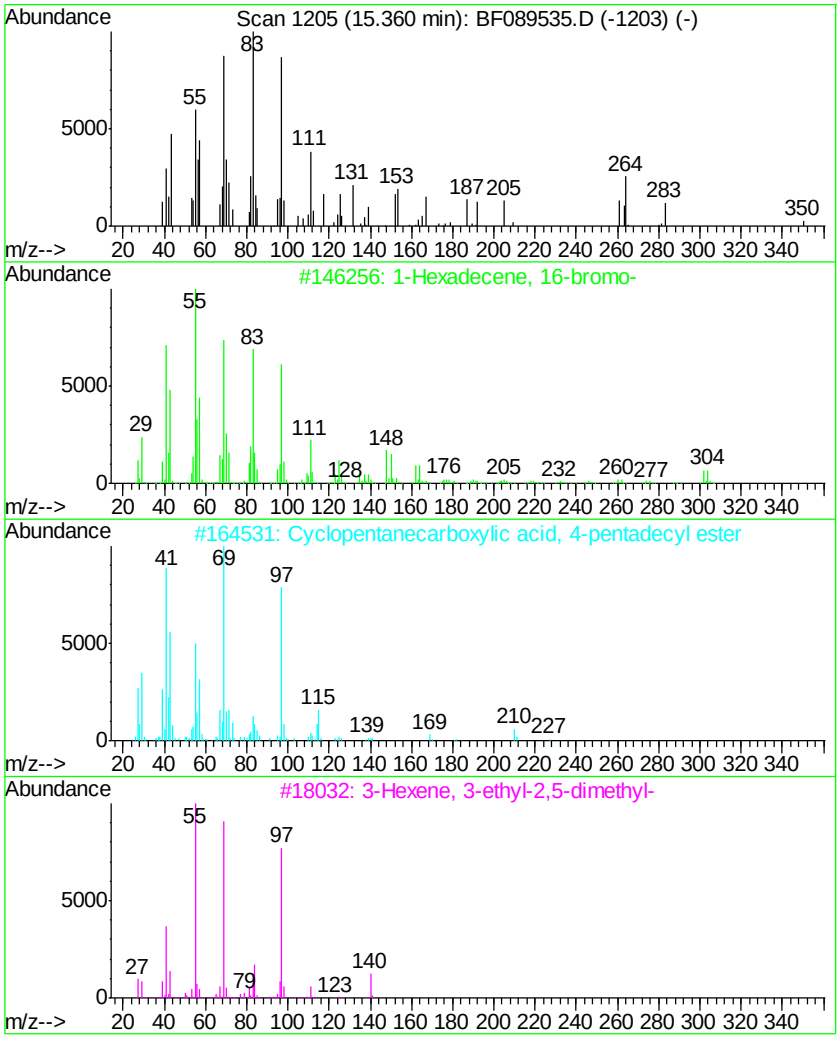
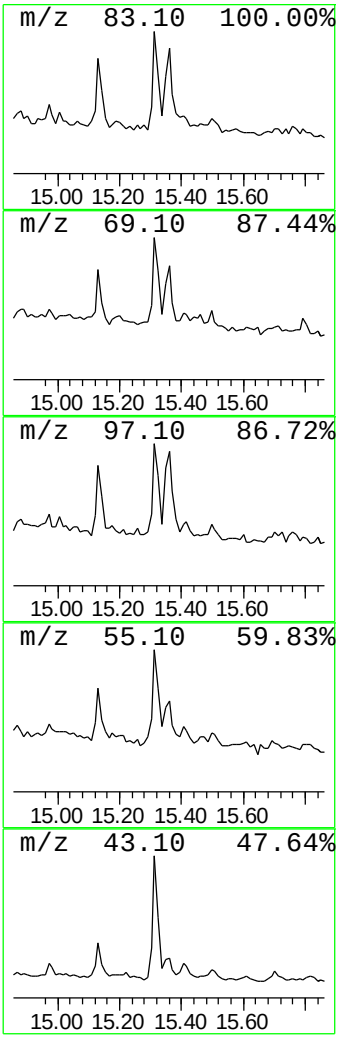
Peak Number 12 1-Hexadecene, 16-bromo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	5.24 ng	79337	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	53
2	Cyclopentanecarboxylic acid, 4-p...	324	C21H40O2	1000280-59-2	35
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	35
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	25
5	Cyclohexadecane	224	C16H32	000295-65-8	15





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Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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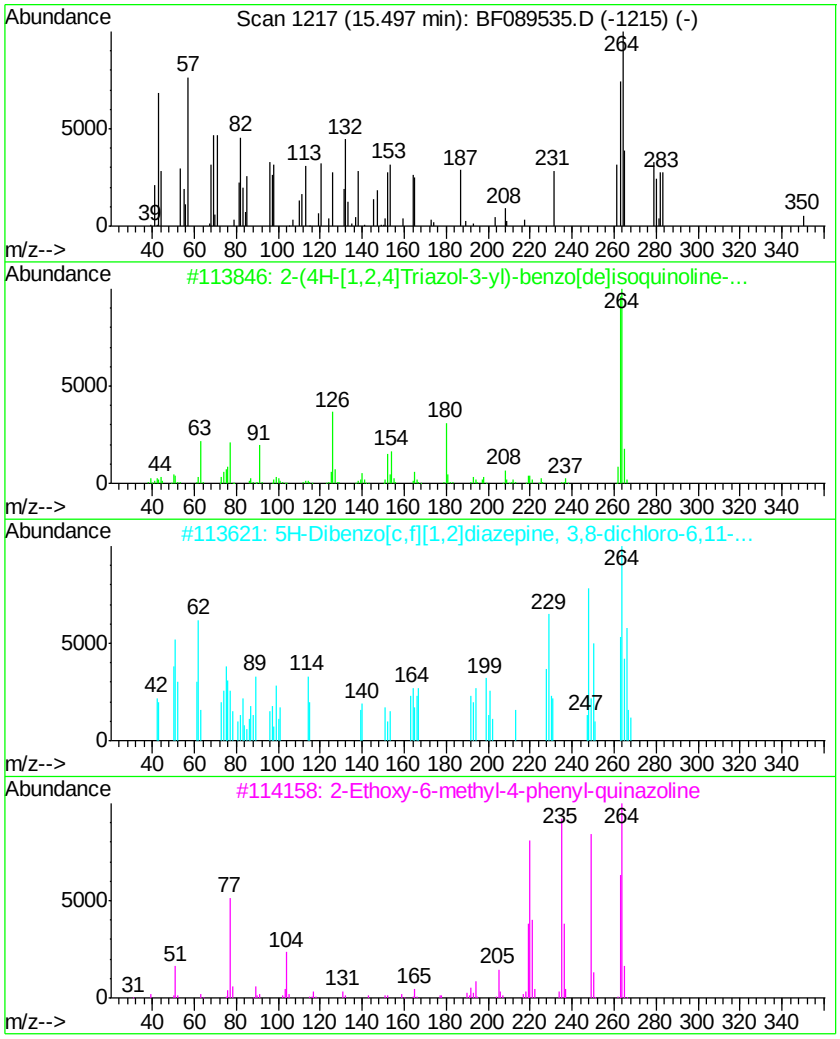
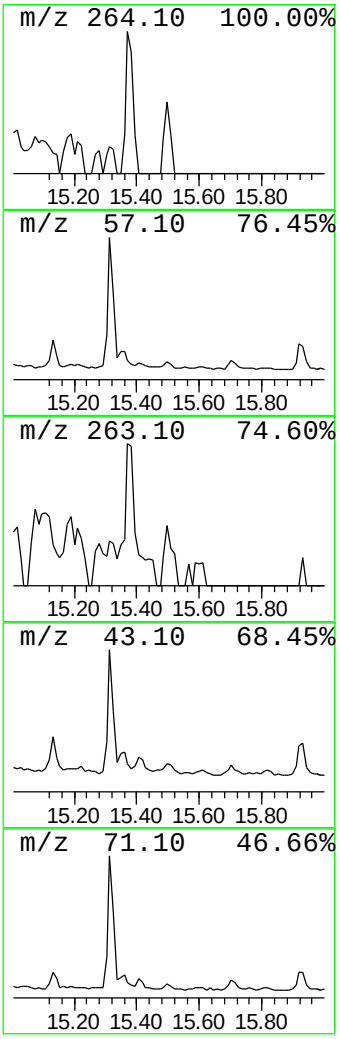
Peak Number 13 unknown15.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.49 ng	52751	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	35
2	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	35
3	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	35
4	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	32
5	3,6-Dichlorocatechol, cyclic phe...	264	C12H7BCl2O2	1000293-25-1	27





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Acq On : 2 Aug 2016 3:25
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Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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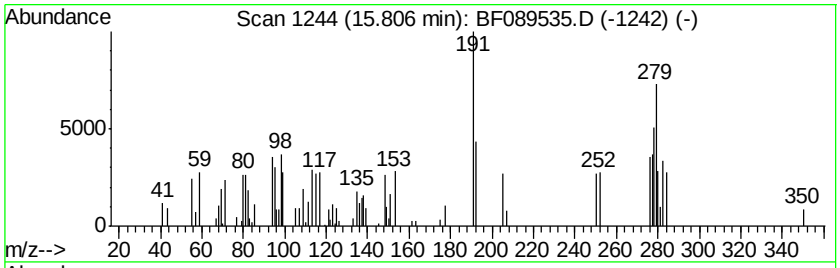
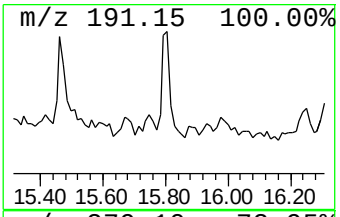
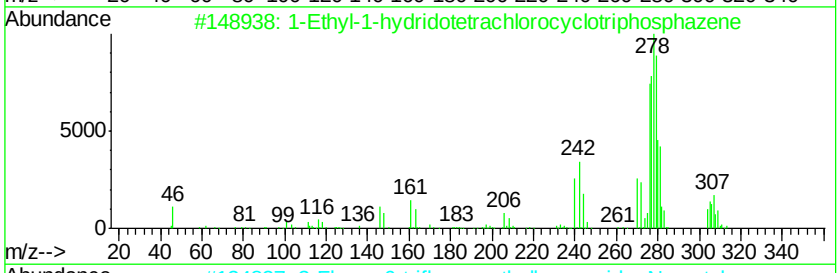
Peak Number 14 unknown15.81 Concentration Rank 12

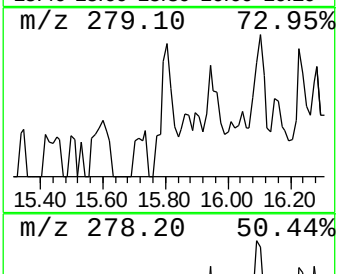
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	4.05 ng	61276	Perylene-d12	14.93

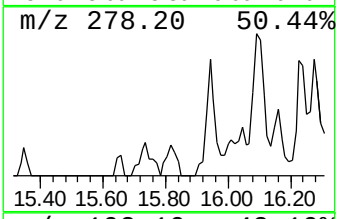
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-1-hydridotetrachlorocycl...	305	C2H6Cl4N3P3	071982-84-8	17
2	3-Fluoro-6-trifluoromethylbenzam...	277	C13H15F4NO	1000358-07-5	16
3	Chromium, cyclopentadienyl-(hexa...	279	C17H23Cr	1000161-31-2	14
4	2-Ethoxy-1-methyl-6-oxo-1,2-azap...	191	C7H14NO3P	093989-00-5	11
5	1-Methyl-1-hydridotetrachlorocyc...	291	CH4Cl4N3P3	068351-74-6	11

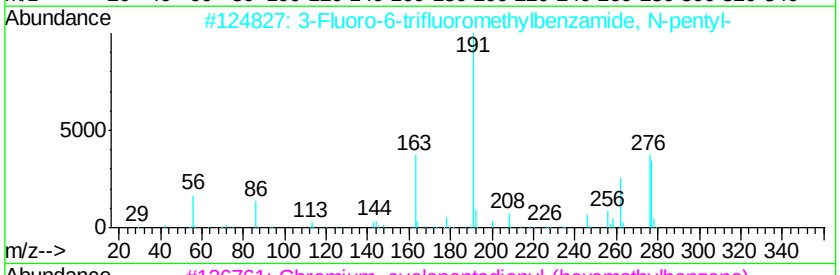


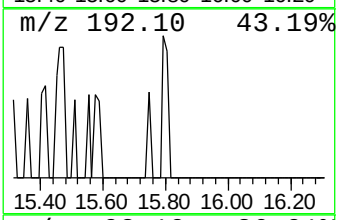


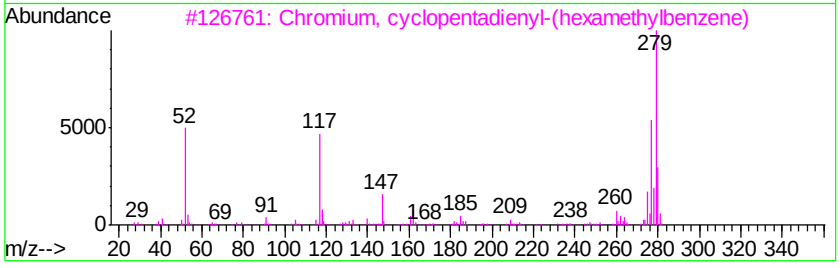


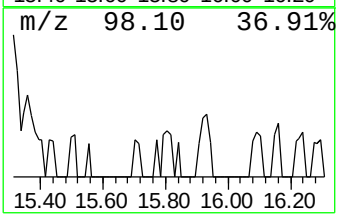












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Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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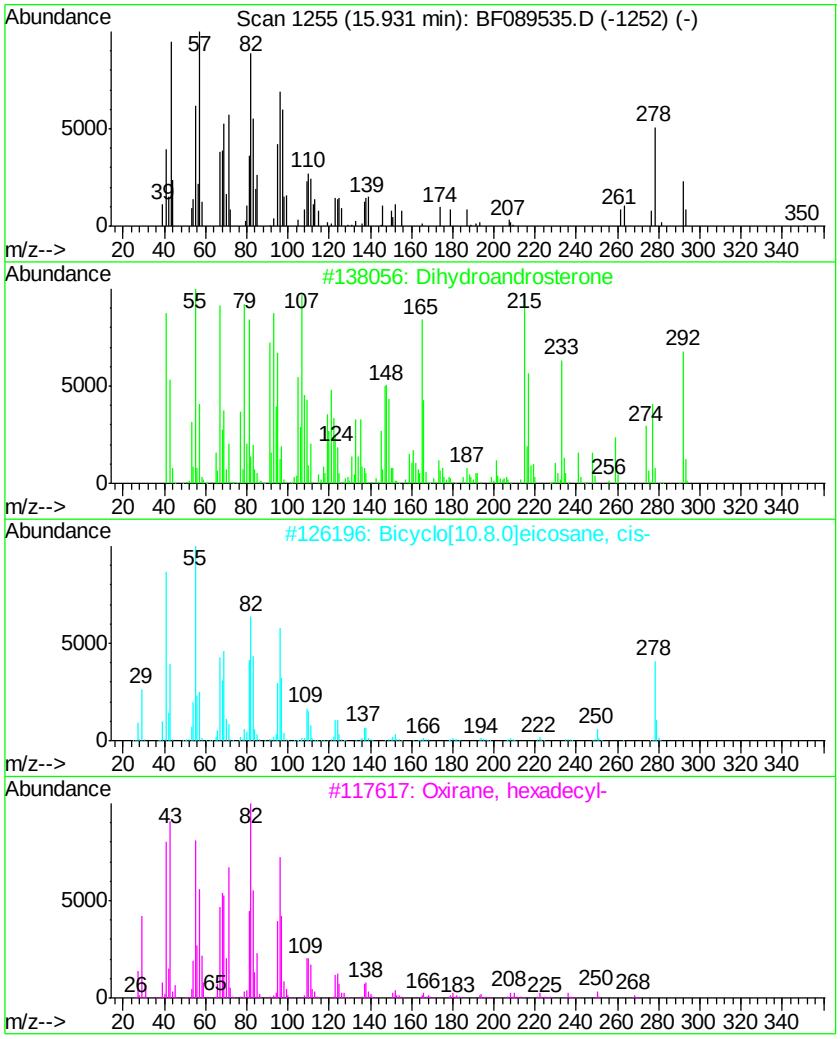
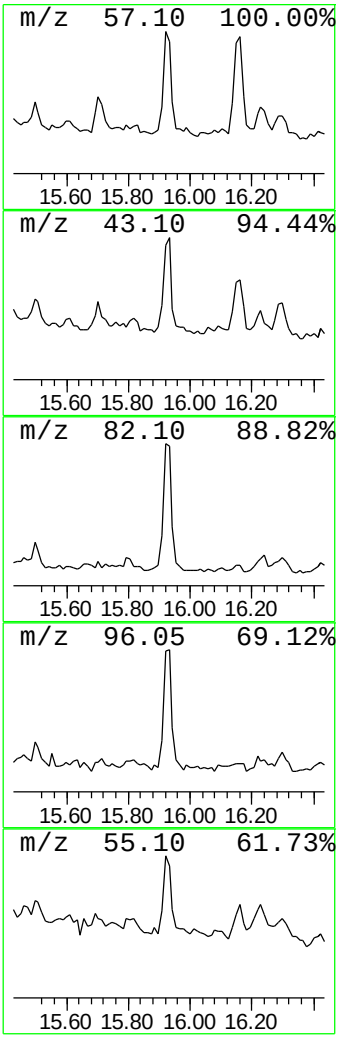
Peak Number 15 Dihydroandrosterone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	6.27 ng	94870	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydroandrosterone	292	C19H32O2	1000248-26-6	91
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	90
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	70





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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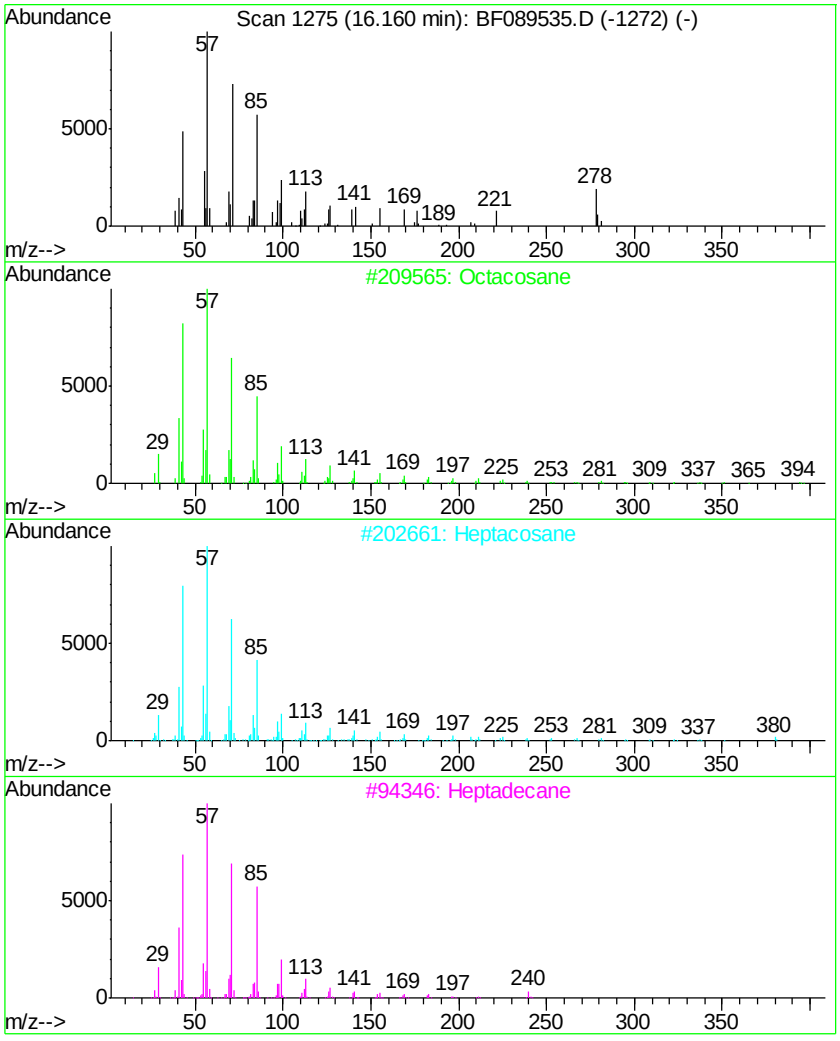
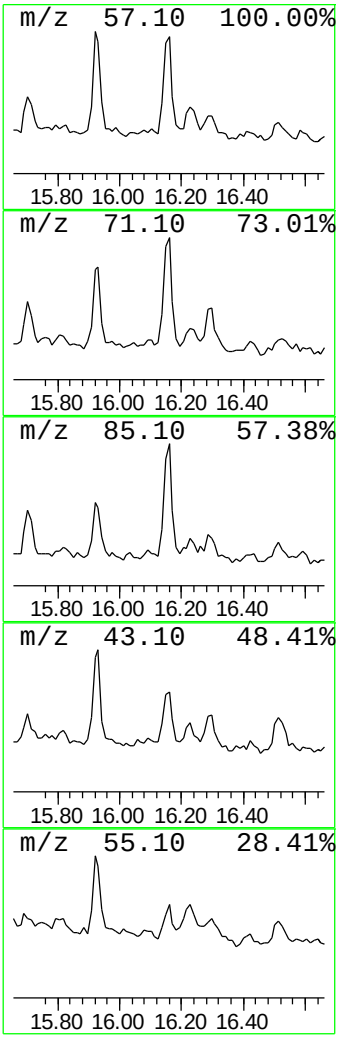
Peak Number 16 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.88 ng	43519	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Heptacosane	380	C27H56	000593-49-7	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	Triacontane	422	C30H62	000638-68-6	64
5	Hexatriacontane	507	C36H74	000630-06-8	64





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Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
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Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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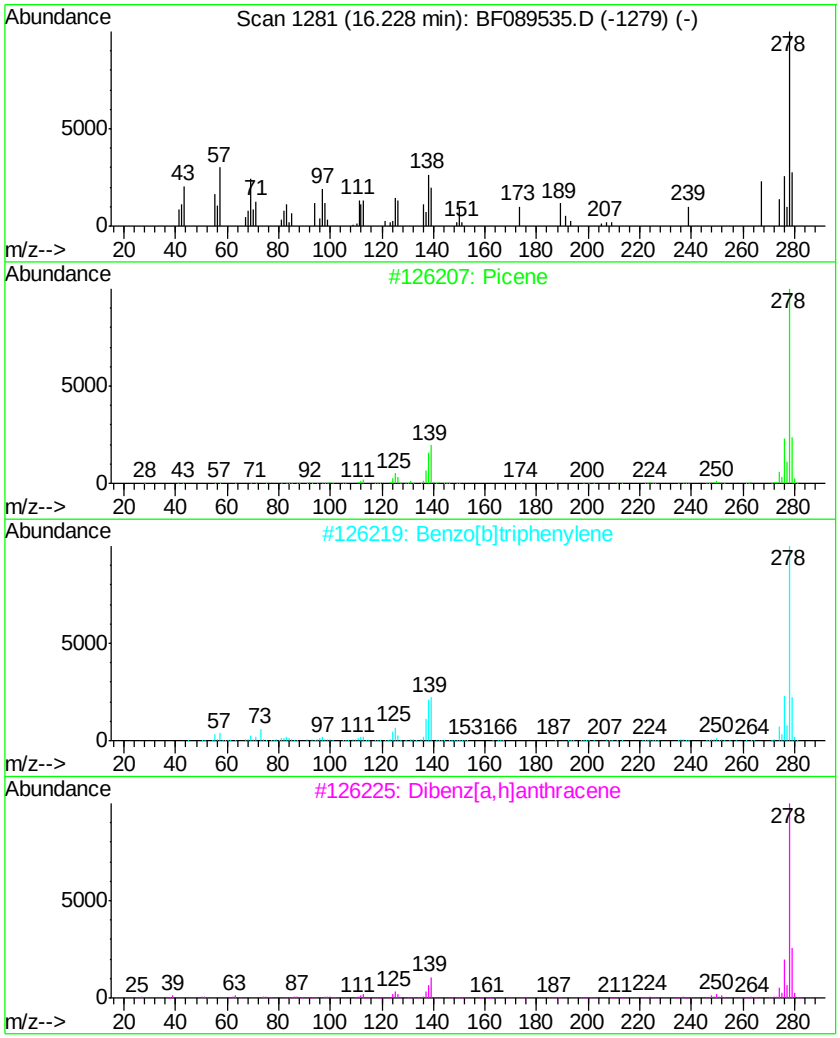
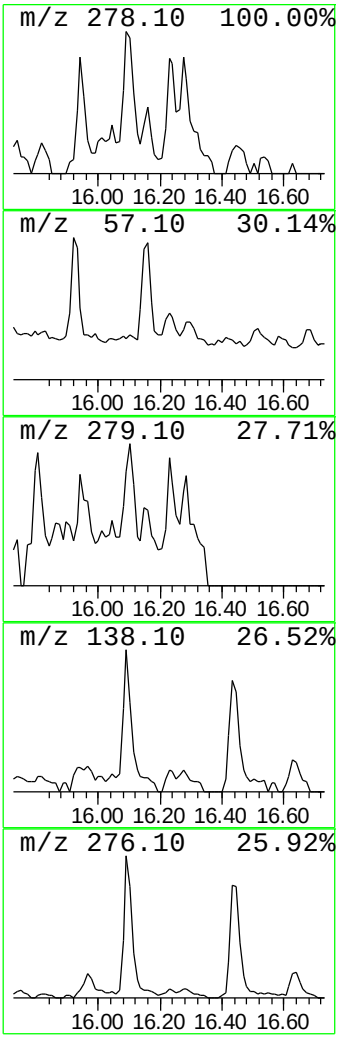
Peak Number 17 Picene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	3.32 ng	50244	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	60
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	52
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	43
5	Indole, N-methyl-5-(4-nitrostyryl)-	278	C17H14N2O2	1000151-40-2	35





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

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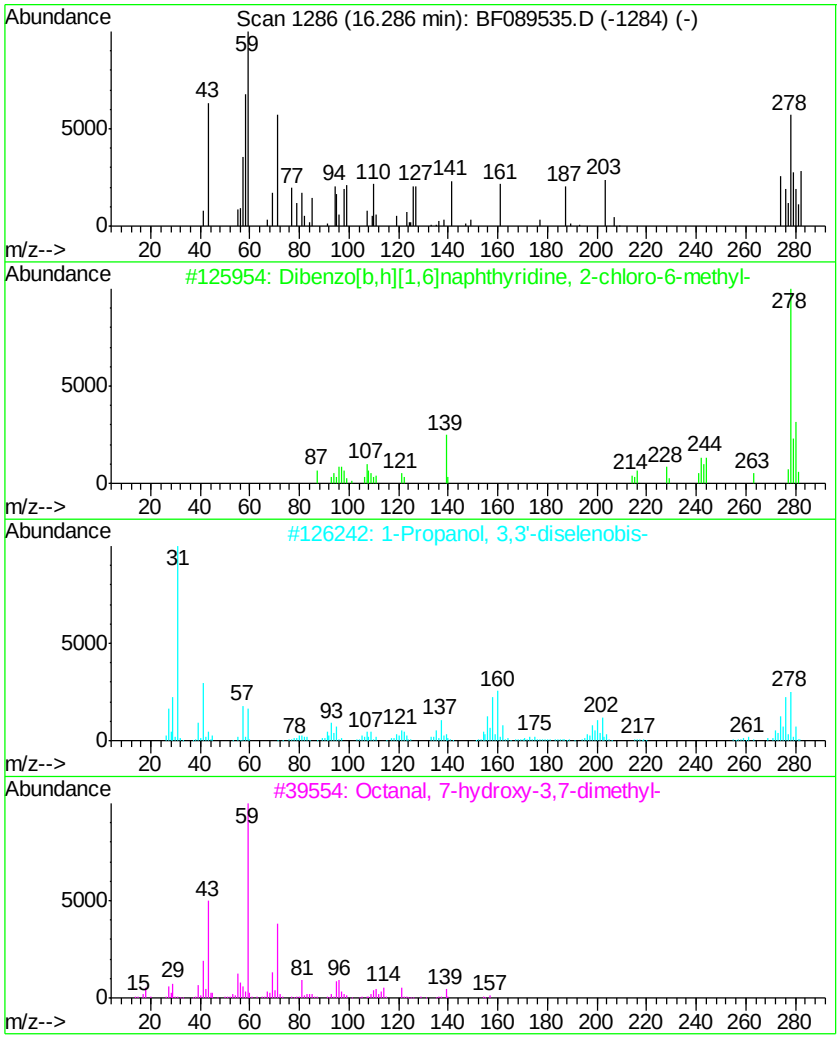
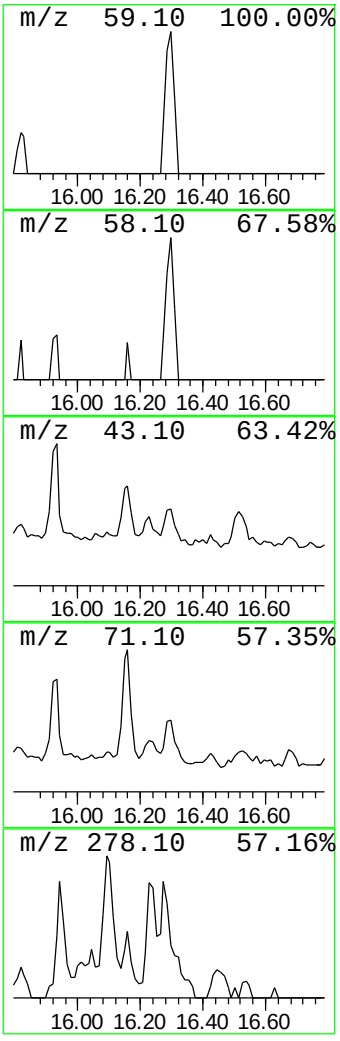
Peak Number 18 unknown16.29 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.49 ng	98118	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	25
2	1-Propanol, 3,3'-diselenobis-	278	C6H14O2Se2	023243-47-2	12
3	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	10
4	1,3-Diamino-7,9-dichlorobenzo[f]...	278	C12H8Cl2N4	037521-58-7	10
5	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	10





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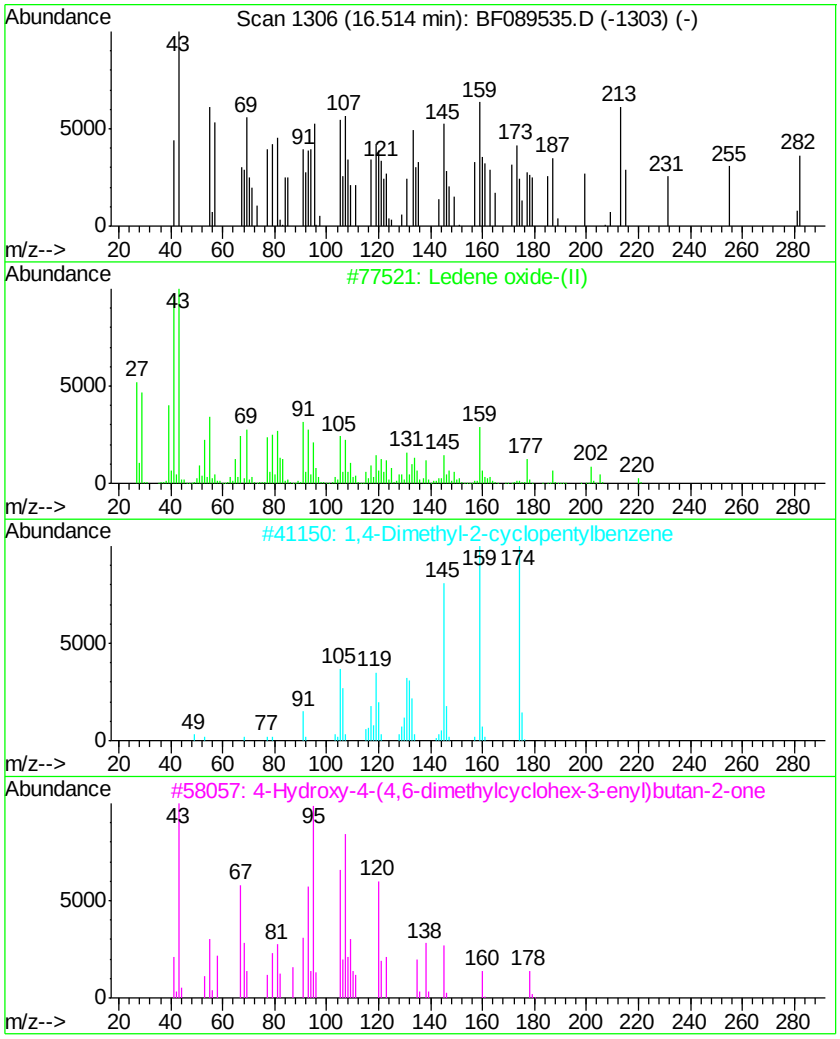
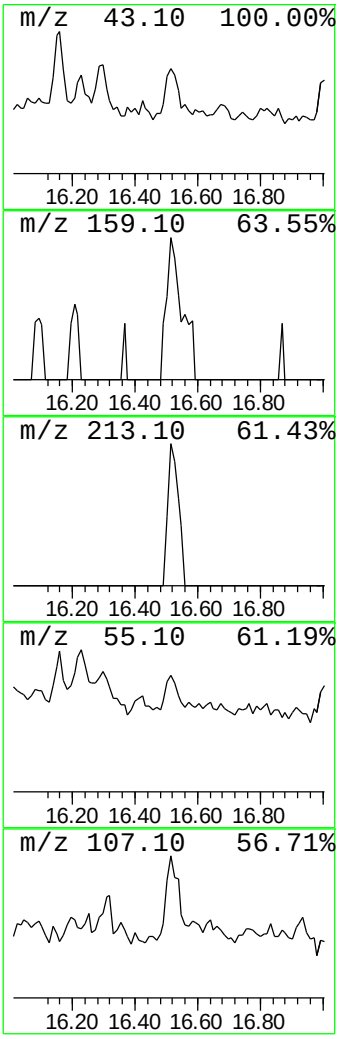
Peak Number 19 unknown16.51 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	4.60 ng	69635	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ledene oxide-(II)	220	C15H24O	1000159-36-7	38
2	1,4-Dimethyl-2-cyclopentylbenzene	174	C13H18	062379-92-4	22
3	4-Hydroxy-4-(4,6-dimethylcyclohe...	196	C12H20O2	002316-79-2	22
4	1-(4-Pyridin-2-yl-piperazin-1-yl...	205	C11H15N3O	1000368-48-3	16
5	1-Methyl-6-(3-methylbuta-1,3-die...	178	C12H18O	1000185-67-2	10





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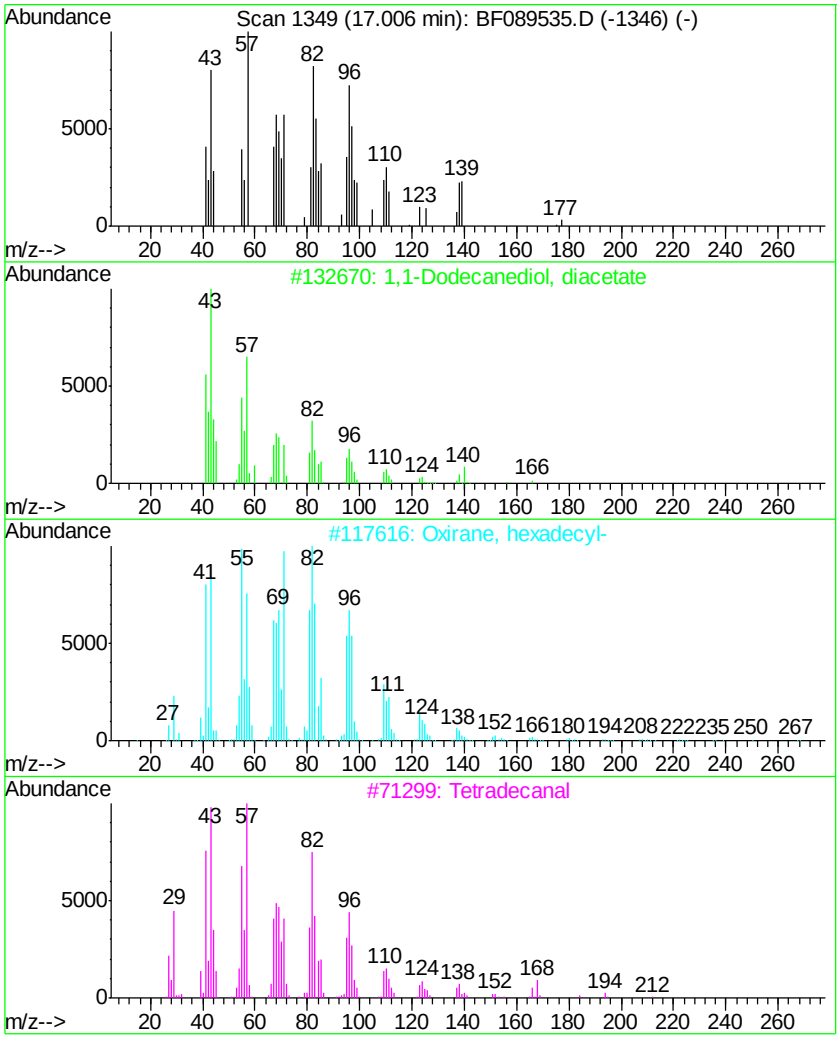
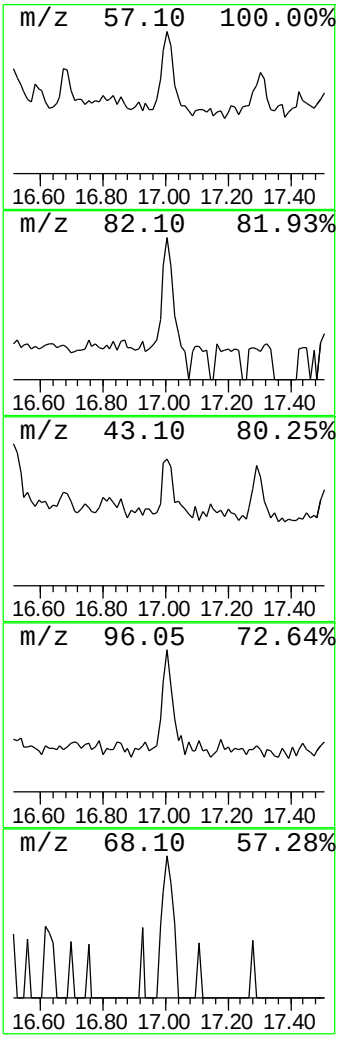
Peak Number 20 1,1-Dodecanediol, diacetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	3.05 ng	46191	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dodecanediol, diacetate	286	C16H30O4	056438-07-4	68
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	50
3	Tetradecanal	212	C14H28O	000124-25-4	47
4	Tridecanal	198	C13H26O	010486-19-8	47
5	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089535.D
Acq On : 2 Aug 2016 3:25
Operator : UM/SJ
Sample : H4288-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-66-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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...	4.56	23.8	ng	223679	1	6.48	188129	20.0
unknown6.25	6.25	80.2	ng	754798	1	6.48	188129	20.0
Pentafluoropropio...	13.47	3.3	ng	136252	5	13.60	819417	20.0
1-Decanol, 2-octyl-	14.10	3.9	ng	159893	5	13.60	819417	20.0
unknown14.31	14.31	3.2	ng	48010	6	14.93	302591	20.0
1,19-Eicosadiene	14.51	5.1	ng	77455	6	14.93	302591	20.0
Heptadecane, 9-oc...	14.67	16.3	ng	247125	6	14.93	302591	20.0
Oxirane, hexadecyl-	15.13	3.6	ng	54459	6	14.93	302591	20.0
Hexacosane	15.31	11.0	ng	166750	6	14.93	302591	20.0
1-Hexadecene, 16-...	15.36	5.2	ng	79337	6	14.93	302591	20.0
unknown15.50	15.50	3.5	ng	52751	6	14.93	302591	20.0
unknown15.81	15.81	4.0	ng	61276	6	14.93	302591	20.0
Dihydroandrosterone	15.93	6.3	ng	94870	6	14.93	302591	20.0
Octacosane	16.16	2.9	ng	43519	6	14.93	302591	20.0
Picene	16.23	3.3	ng	50244	6	14.93	302591	20.0
unknown16.29	16.29	6.5	ng	98118	6	14.93	302591	20.0
unknown16.51	16.51	4.6	ng	69635	6	14.93	302591	20.0
1,1-Dodecanediol,...	17.01	3.0	ng	46191	6	14.93	302591	20.0