LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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	1.667	5	7	15	rVV	54499	119341	6.30%	0.683%
2	1.781	15	17	22	rVV	584254	751202	39.67%	4.298%
3	1.850	22	23	38	rVB2	47379	112874	5.96%	0.646%
4	2.821	107	108	114	rBV	25330	39296	2.07%	0.225%
5	4.833	281	284	291	rBV	115576	189226	9.99%	1.083%
6	5.279	320	323	326	rBV	1154749	1677144	88.56%	9.595%
7	6.341	413	416	418	rVB	1489015	1592642	84.10%	9.112%
8	6.456	423	426	429	rVB	1582674	1561126	82.43%	8.932%
9	6.684	444	446	448	rBV	422377	345501	18.24%	1.977%
10	6.844	457	460	462	rBV	1585951	1387765	73.28%	7.940%
11	7.256	493	496	498	rBV	1083571	1090637	57.59%	6.240%
12	7.976	556	559	561	rBV	338955	461216	24.35%	2.639%
13	9.050	650	653	655	rBV	2140028	1893788	100.00%	10.835%
14	9.439	685	687	690	rBV	212461	197947	10.45%	1.133%
15	9.713	709	711	713	rBV	403896	412403	21.78%	2.359%
16	9.919	723	729	732	rBV2	21742	54227	2.86%	0.310%
17	9.965	732	733	734	rVB	56414	38700	2.04%	0.221%
18	10.022	734	738	743	rBV3	69511	135758	7.17%	0.777%
19	10.502	777	780	782	rBV	906686	812615	42.91%	4.649%
20	10.628	790	791	795	rBV2	10912	20398	1.08%	0.117%
21	11.085	829	831	832	rBV	21428	31485	1.66%	0.180%
22	11.188	838	840	844	rVB	383662	351274	18.55%	2.010%
23	11.702	881	885	886	rBV3	36789	69984	3.70%	0.400%
24	11.736	886	888	890	rVV2	65024	82406	4.35%	0.471%
25	11.816	892	895	898	rVB2	18177	23675	1.25%	0.135%
26	12.228	929	931	936	rBV4	57124	74248	3.92%	0.425%
27	12.399	944	946	948	rBV	34673	46815	2.47%	0.268%
28	12.616	961	965	968	rBV	50380	63160	3.34%	0.361%
29	12.719	972	974	976	rBV2	26381	25727	1.36%	0.147%
30	12.776	976	979	981	rBV	1464022	1327486	70.10%	7.595%
31	12.994	996	998	1002	rBV3	18137	51383	2.71%	0.294%
32	13.051	1002	1003	1004	rVV	30816	22410	1.18%	0.128%
33	13.679	1054	1058	1061	rBV	140212	163233	8.62%	0.934%
34	13.817	1067	1070	1071	rBV	351527	428602	22.63%	2.452%

LSC Area Percent Report

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Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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	13.999	1084	1086	1091	rBV4	13821	34078	1.80%	0.195%
36	14.125	1093	1097	1098	rBV3	16194	38993	2.06%	0.223%
37	14.228	1105	1106	1109	rVB3	15753	23425	1.24%	0.134%
38	14.308	1111	1113	1120	rVV	63243	135434	7.15%	0.775%
39	14.571	1134	1136	1138	rBV	112080	125318	6.62%	0.717%
40	14.731	1147	1150	1151	rBV	59423	83235	4.40%	0.476%
41	14.799	1155	1156	1161	rVB	28560	53826	2.84%	0.308%
42	14.925	1161	1167	1172	rBV3	82098	251575	13.28%	1.439%
43	15.119	1182	1184	1185	rBV	25007	33049	1.75%	0.189%
44	15.177	1187	1189	1191	rBV	215076	255386	13.49%	1.461%
45	15.291	1198	1199	1202	rVB3	28692	38568	2.04%	0.221%
46	15.405	1208	1209	1212	rVB	53396	52301	2.76%	0.299%
47	15.611	1224	1227	1229	rBV	59089	78547	4.15%	0.449%
48	15.657	1229	1231	1234	rVV3	26242	41169	2.17%	0.236%
49	16.297	1284	1287	1290	rVB2	31214	60471	3.19%	0.346%
50	16.445	1298	1300	1305	rBV4	11129	31104	1.64%	0.178%
51	16.560	1307	1310	1311	rBV2	19251	38651	2.04%	0.221%
52	16.834	1331	1334	1340	rBV3	19045	44881	2.37%	0.257%
53	17.245	1365	1370	1372	rBV5	13452	38268	2.02%	0.219%
54	17.520	1390	1394	1399	rBV5	18276	51577	2.72%	0.295%
55	17.611	1399	1402	1404	rVB3	21832	27295	1.44%	0.156%
56	18.674	1494	1495	1496	rBV	26309	28183	1.49%	0.161%
57	18.754	1499	1502	1503	rVV2	34986	50176	2.65%	0.287%
58	18.788	1503	1505	1506	rVV	36538	40248	2.13%	0.230%
59	18.834	1506	1509	1512	rVB5	11447	32753	1.73%	0.187%
60	19.006	1522	1524	1527	rBV3	11559	26089	1.38%	0.149%
61	19.051	1527	1528	1530	rVB2	26464	21121	1.12%	0.121%
62	19.257	1544	1546	1547	rBV2	23092	23765	1.25%	0.136%
63	19.326	1551	1552	1555	rVB2	26453	38774	2.05%	0.222%
64	19.508	1566	1568	1570	rVB2	29133	24553	1.30%	0.140%

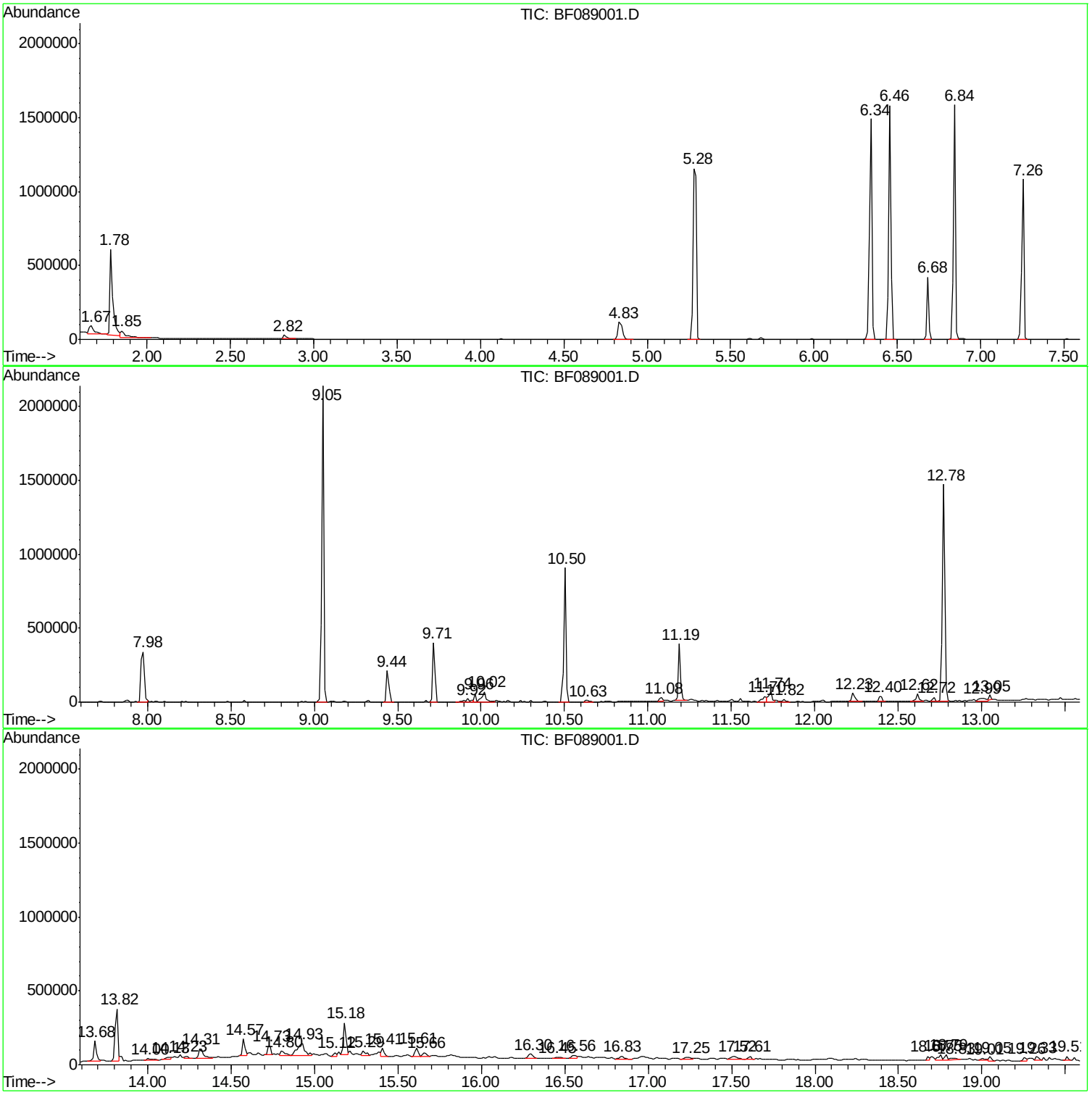
Sum of corrected areas: 17478507

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C8-B2(0-5)C

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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

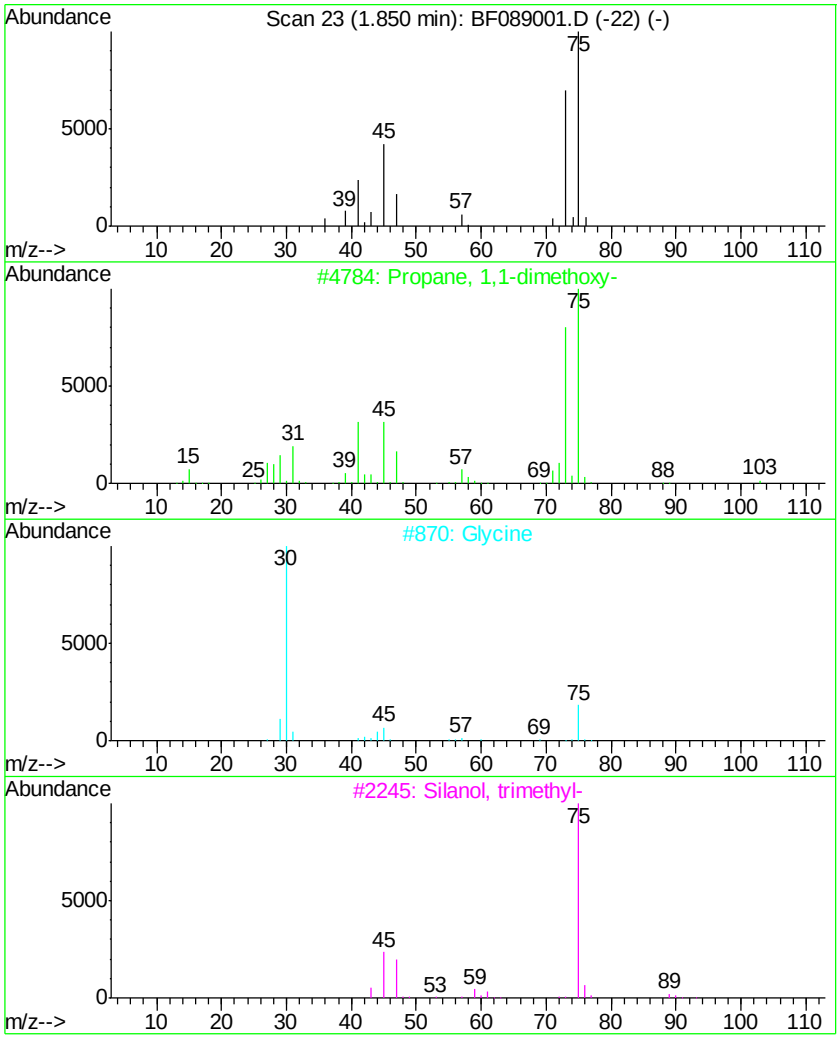
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

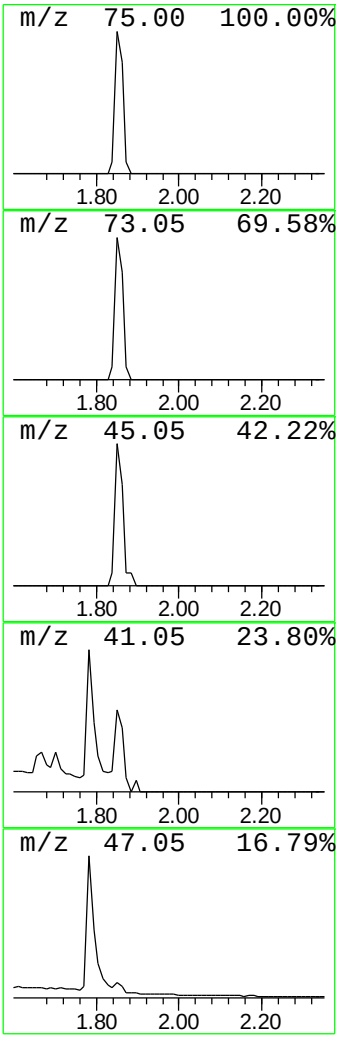
****

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.85	6.53 ng	112874	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Glycine	75	C2H5NO2	000056-40-6	7
3	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	4
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	4
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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

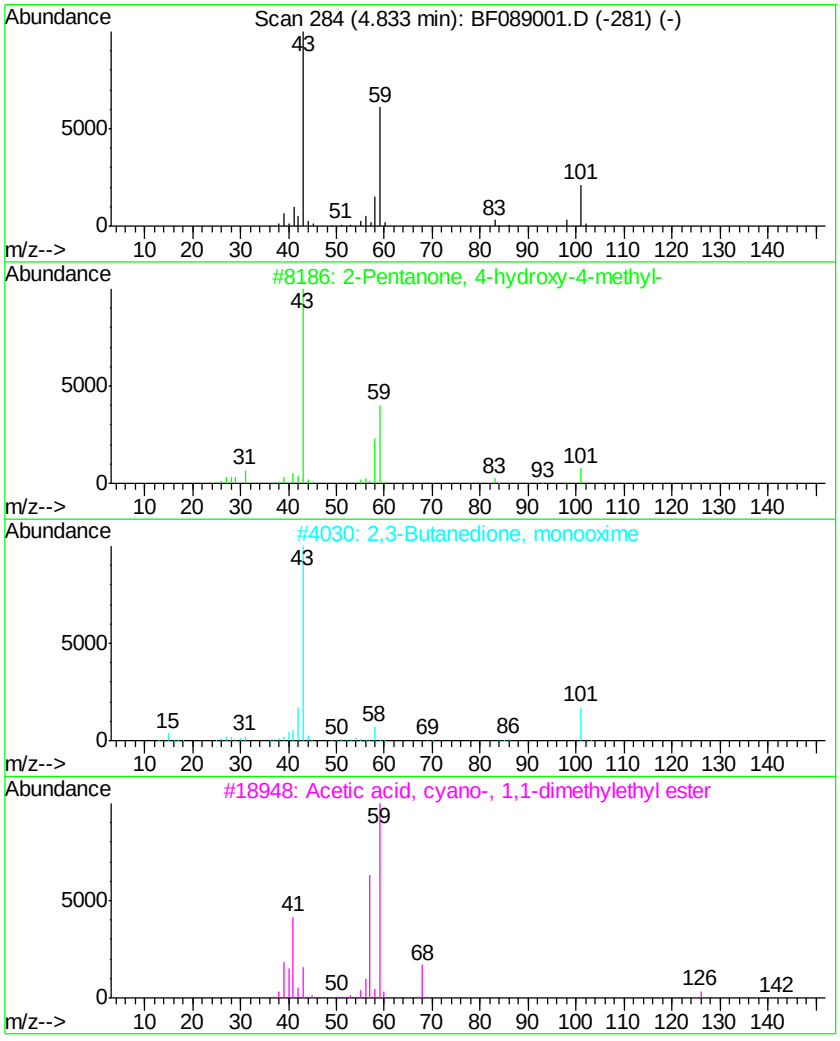
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

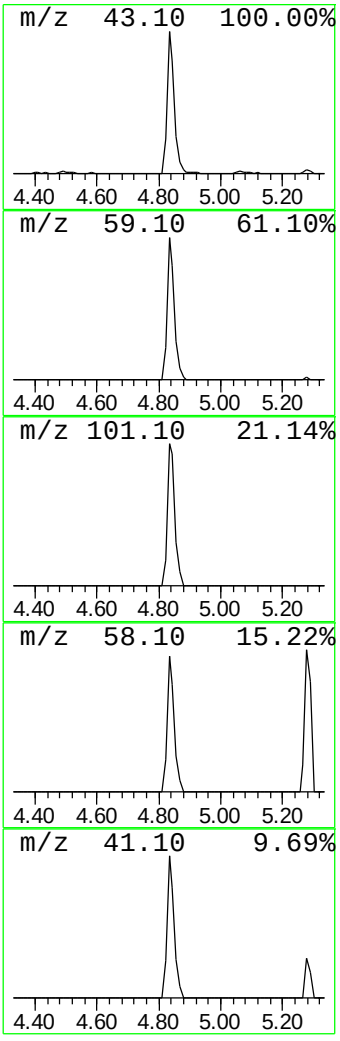
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	10.95 ng	189226	1,4-Dichlorobenzene-d4	6.68

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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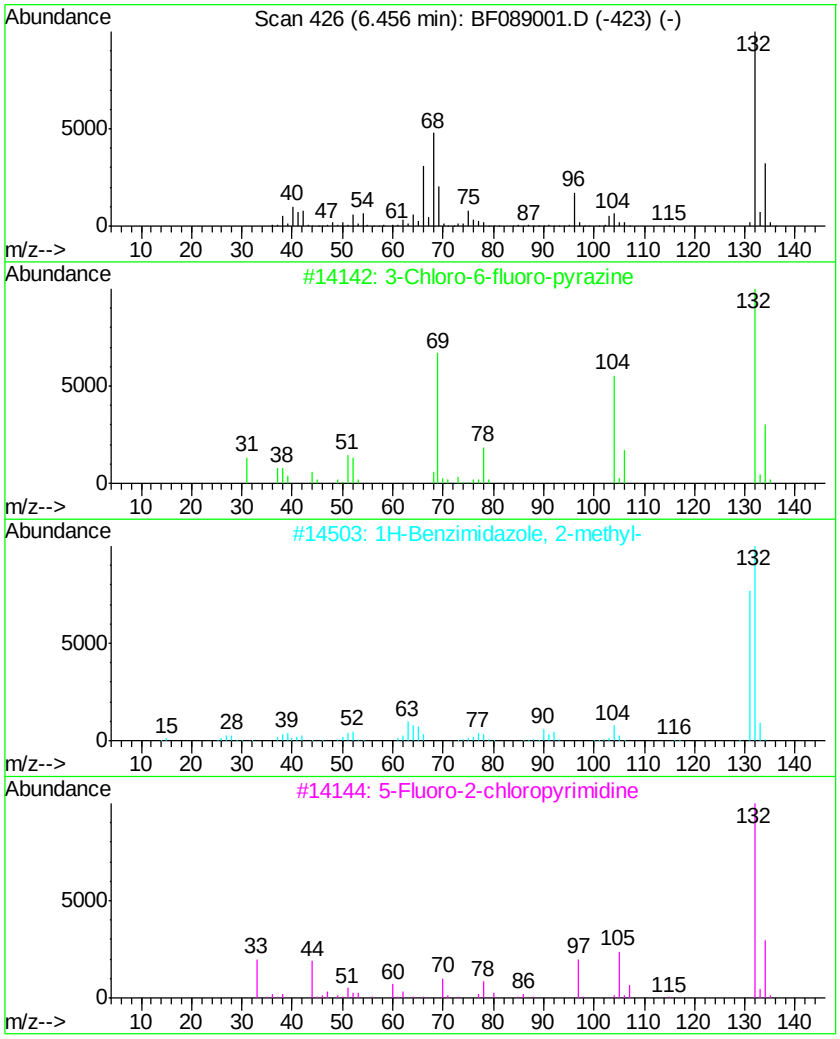
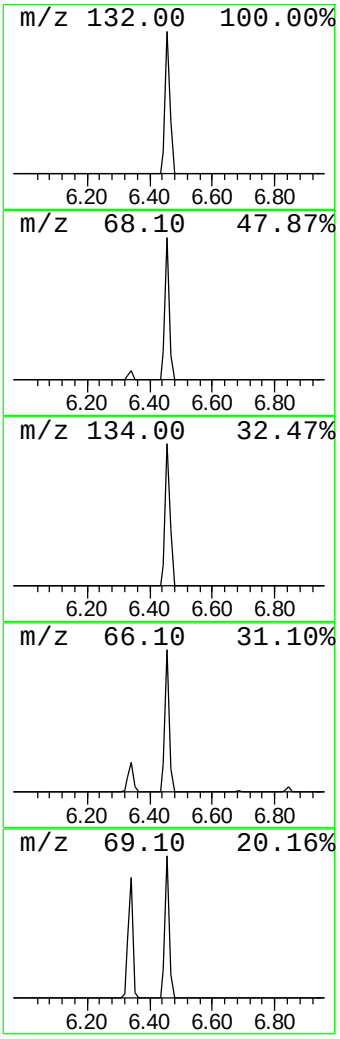
****

Peak Number 5 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	90.37 ng	1561130	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
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Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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
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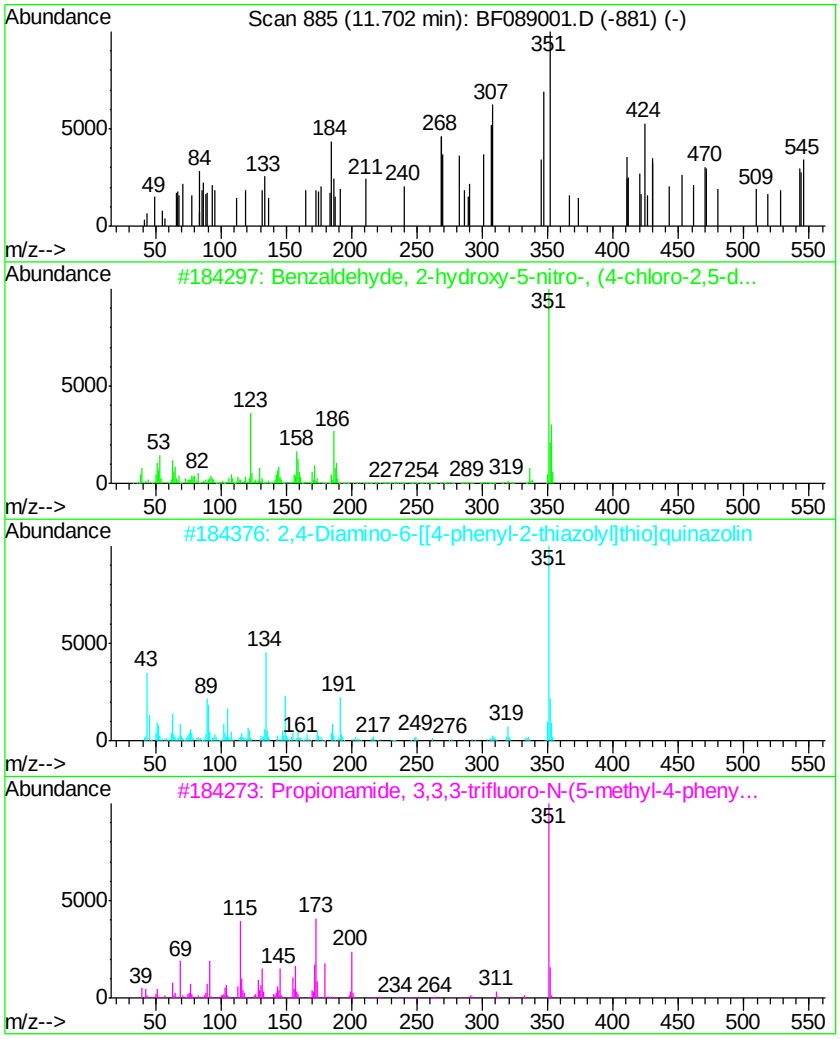
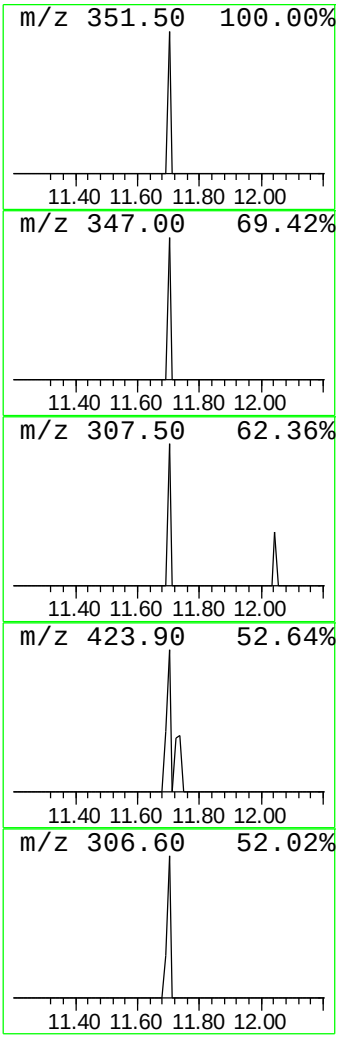
Peak Number 8 unknown11.70 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.98 ng	69984	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-hydroxy-5-nitro-...	351	C15H14ClN3O5	1000272-77-8	14
2	2,4-Diamino-6-[[4-phenyl-2-thiaz...	351	C17H13N5S2	074396-38-6	9
3	Propionamide, 3,3,3-trifluoro-N-...	351	C14H11F6N3O	1000303-58-1	9
4	Akuammilan-16-carboxylic acid, 1...	424	C24H28N2O5	038734-62-2	8
5	4-(4-Chlorophenyl)-5-morpholin-4...	351	C17H18ClNO3S	1000287-42-4	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
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Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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

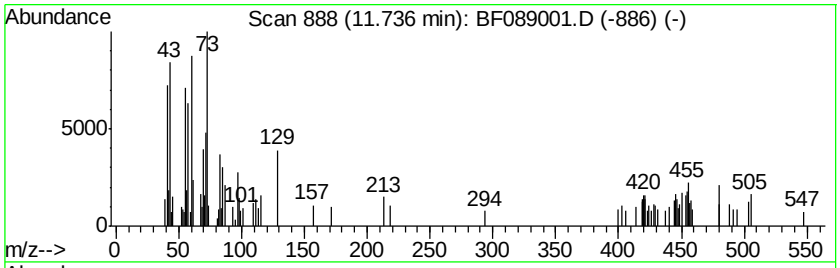
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

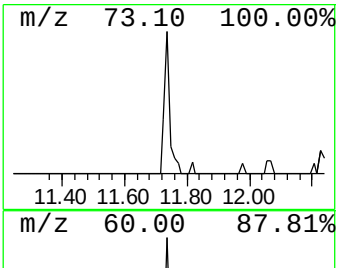
****

Peak Number 9 unknown11.74 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.69 ng	82406	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(5-Oxo-tetrahydro-furan-2-ylme...	157	C7H11NO3	1000188-71-2	22
2	1-Propanol	60	C3H8O	000071-23-8	4
3	Acetic acid, ethoxy-	104	C4H8O3	000627-03-2	4
4	Desulphosinigrin	279	C10H17NO6S	005115-81-1	4
5	1,3-Diamino-2-propanol	90	C3H10N2O	000616-29-5	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
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Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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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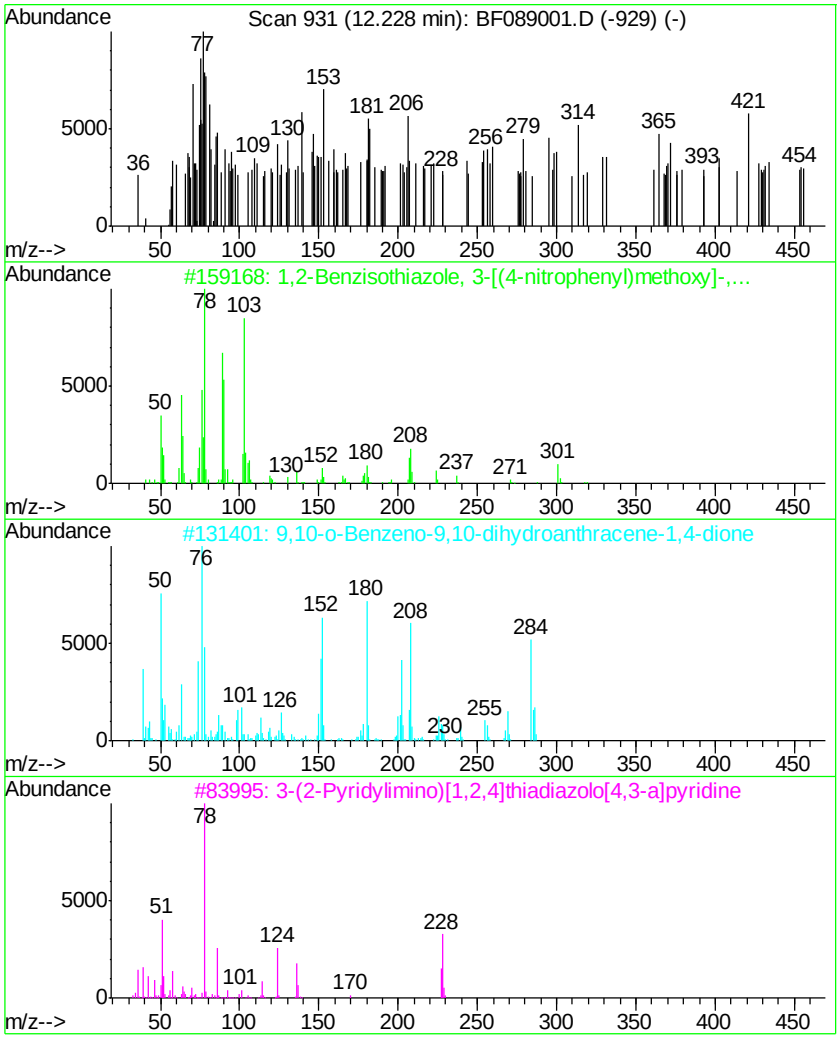
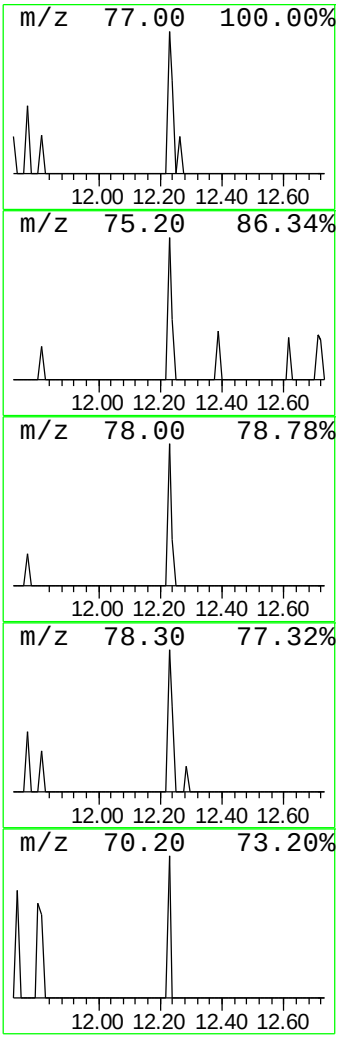
Peak Number 10 unknown12.23 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	4.23 ng	74248	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazole, 3-[(4-nitro...	318	C14H10N2O5S	055124-69-1	42
2	9,10-o-Benzeno-9,10-dihydroanthr...	284	C20H12O2	003519-82-2	27
3	3-(2-Pyridylimino)[1,2,4]thiadia...	228	C11H8N4S	024097-57-2	25
4	2-acetylpyridine 4-[4-Bromopheny...	348	C14H13BrN4S	070618-09-6	25
5	Thiobenzoic acid [2-pyridyl-1-et...	255	C14H13N3S	214001-05-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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

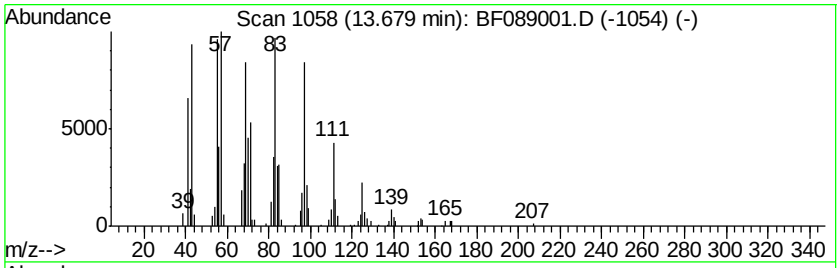
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

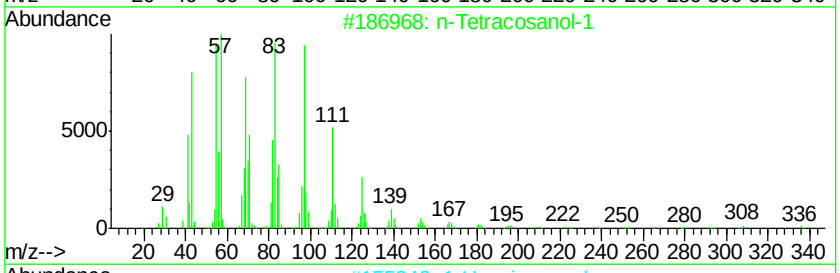
****

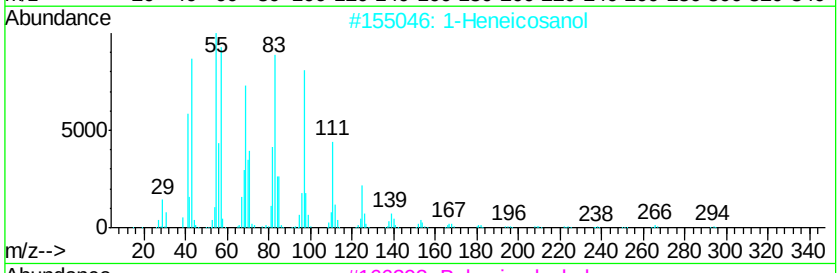
Peak Number 11 n-Tetracosanol-1 Concentration Rank 7

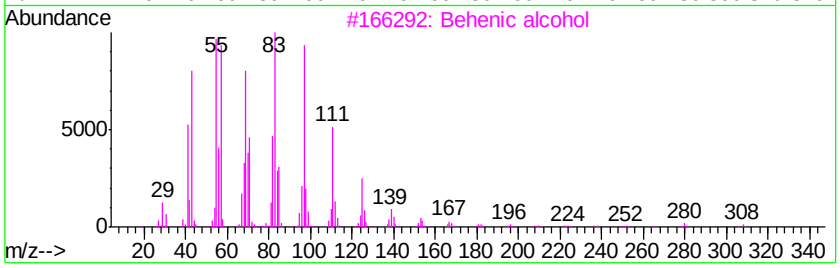
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	7.62 ng	163233	Chrysene-d12	13.82

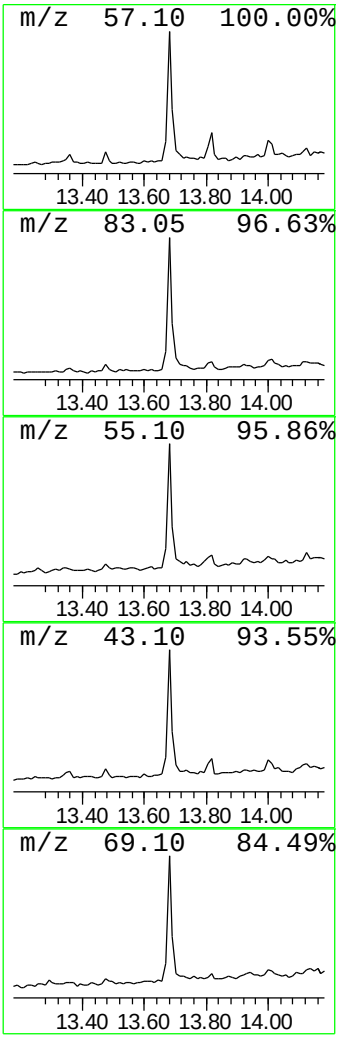
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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

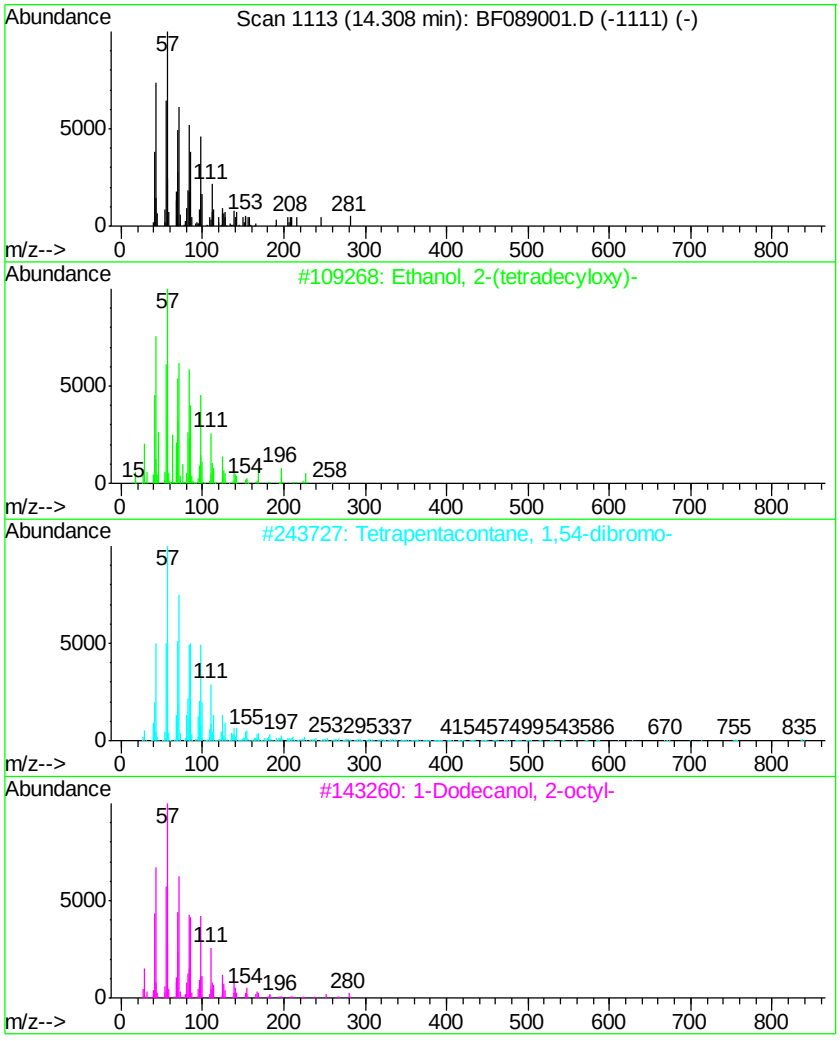
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

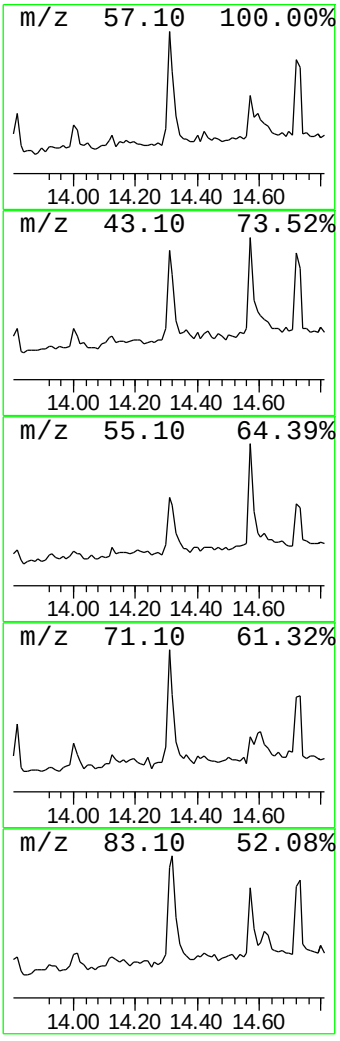
****

Peak Number 12 Ethanol, 2-(tetradecyloxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	6.32 ng	135434	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	81
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	70
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70





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Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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

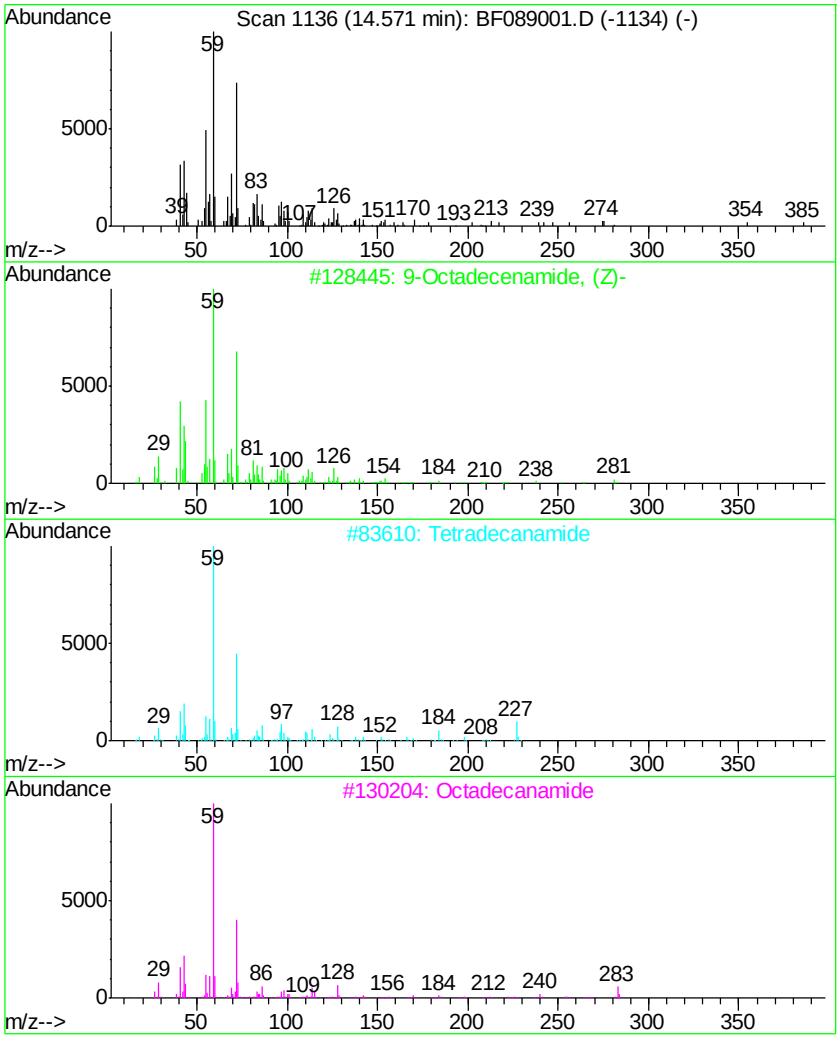
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

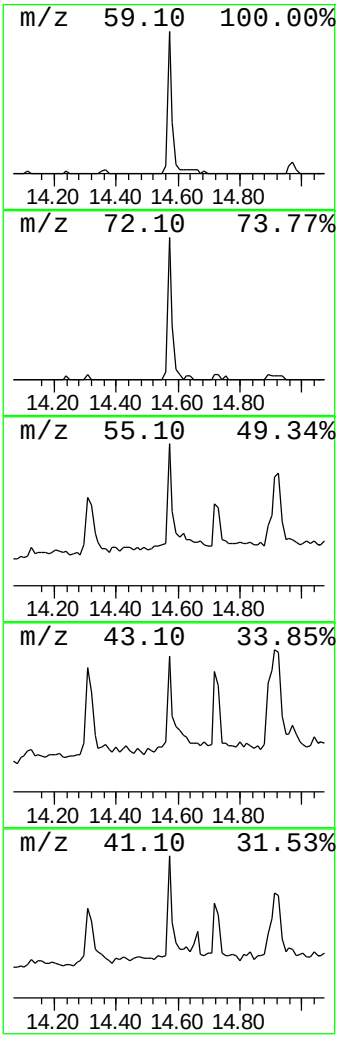
****

Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	9.81 ng	125318	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Tetradecanamide	227	C14H29NO	000638-58-4	53
3	Octadecanamide	283	C18H37NO	000124-26-5	47
4	Dodecanamide	199	C12H25NO	001120-16-7	43
5	2-Butanamine, N,N-dimethyl-	101	C6H15N	000921-04-0	27





Library Search Compound Report

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Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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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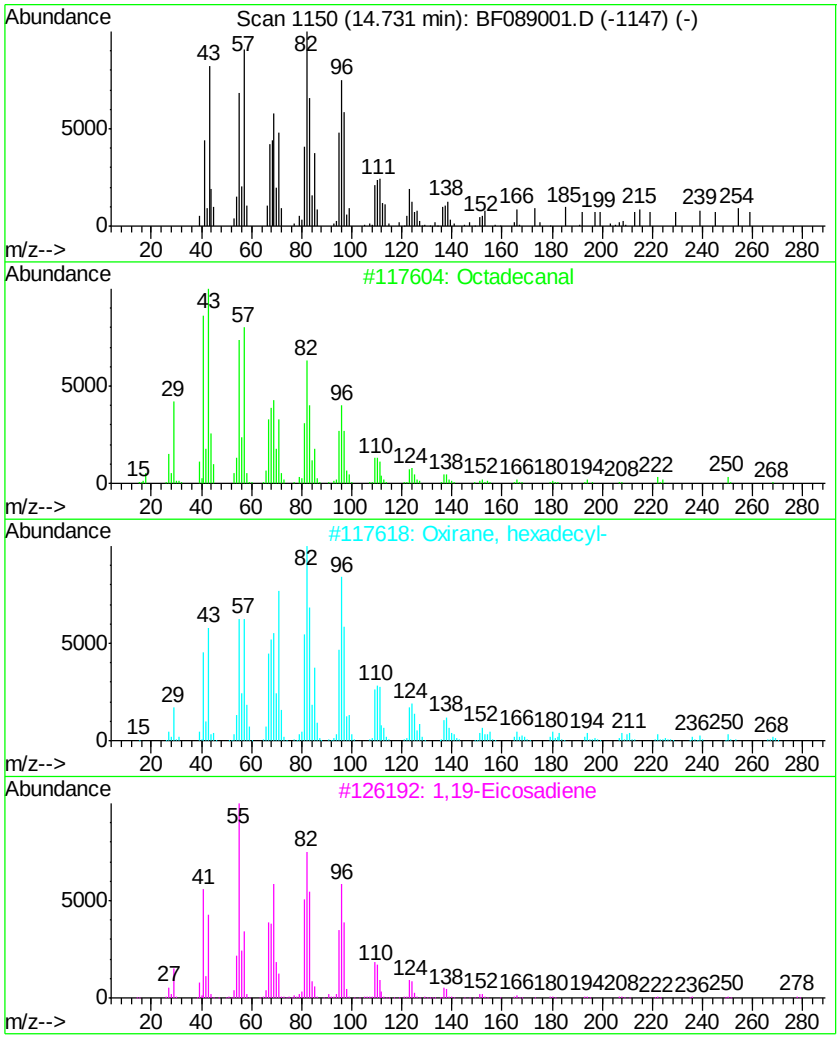
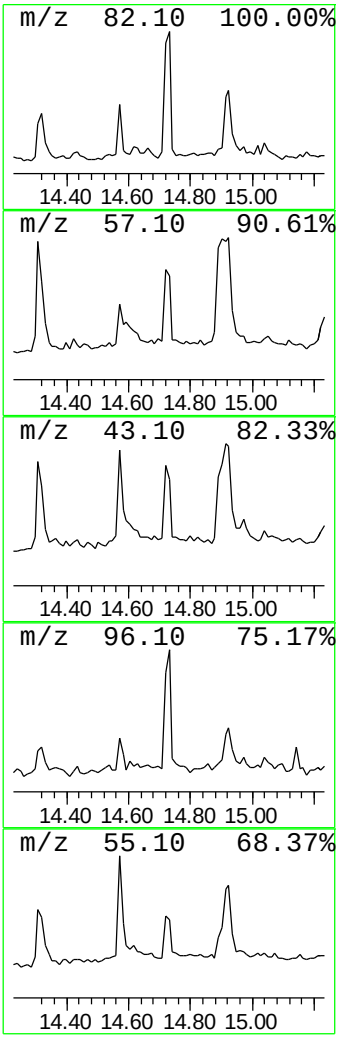
Peak Number 14 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	6.52 ng	83235	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
3	1,19-Eicosadiene	278	C20H38	014811-95-1	83
4	17-Octadecenal	266	C18H34O	056554-86-0	80
5	Pentadecanal-	226	C15H30O	002765-11-9	68





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Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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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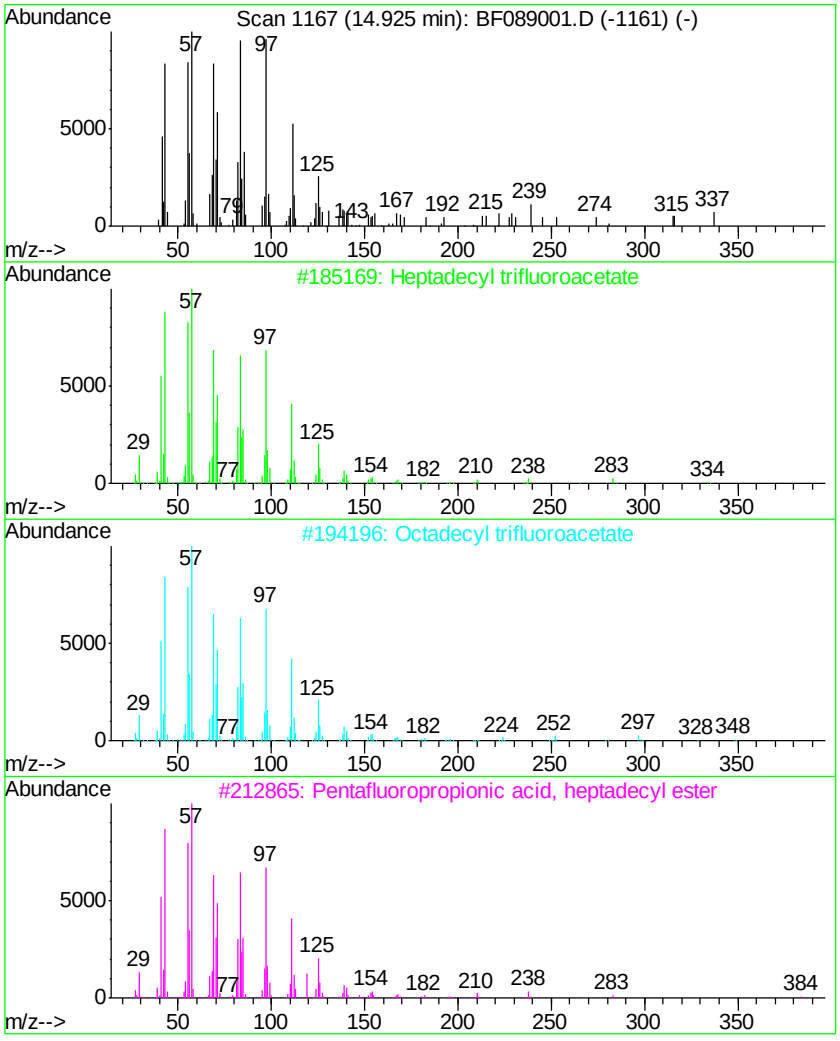
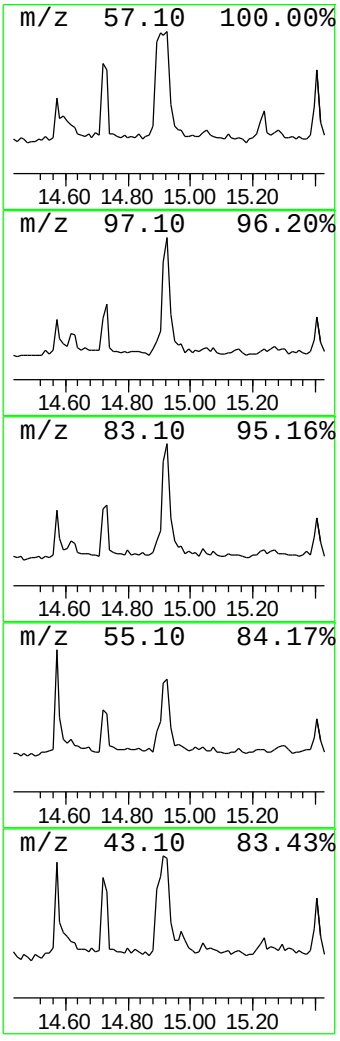
Peak Number 15 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	19.70 ng	251575	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
4	Behenic alcohol	326	C22H46O	000661-19-8	87
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81





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Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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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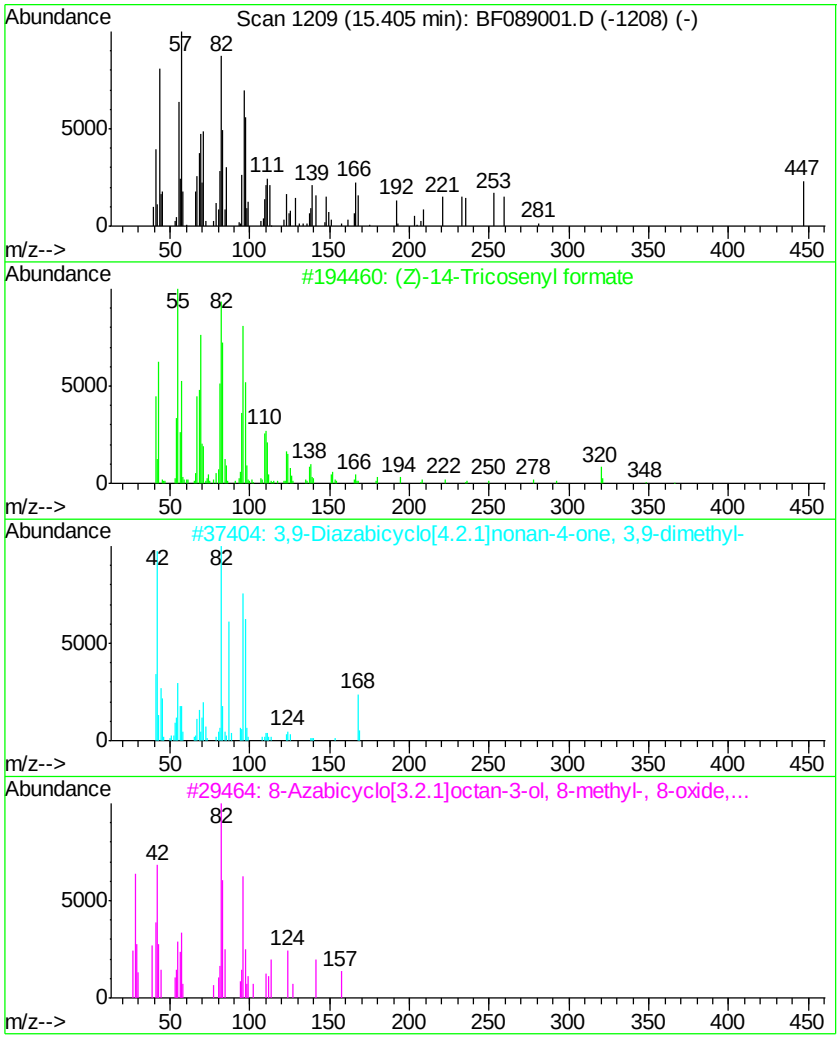
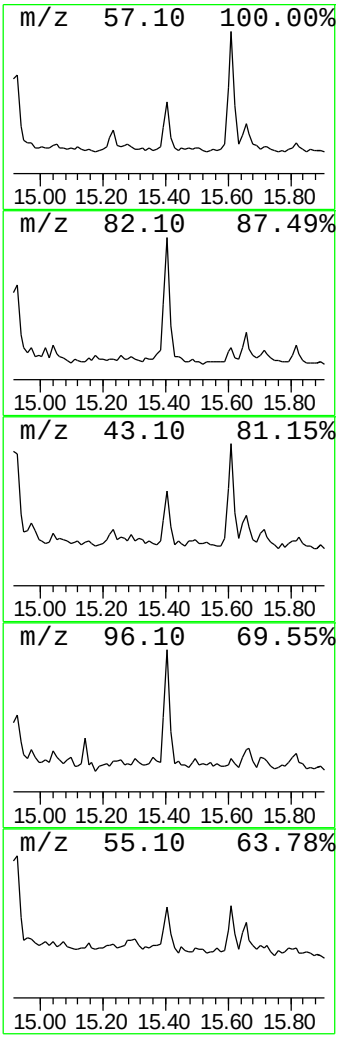
Peak Number 16 unknown15.41 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	4.10 ng	52301	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	49
2	3,9-Diazabicyclo[4.2.1]nonan-4-o...	168	C9H16N2O	001128-77-4	49
3	8-Azabicyclo[3.2.1]octan-3-ol, 8...	157	C8H15NO2	032663-71-1	43
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	25
5	Bicyclo[3.1.0]hexan-2-one, 3,3,6...	138	C9H14O	053966-40-8	14





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Sample : H3996-19
Misc :
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Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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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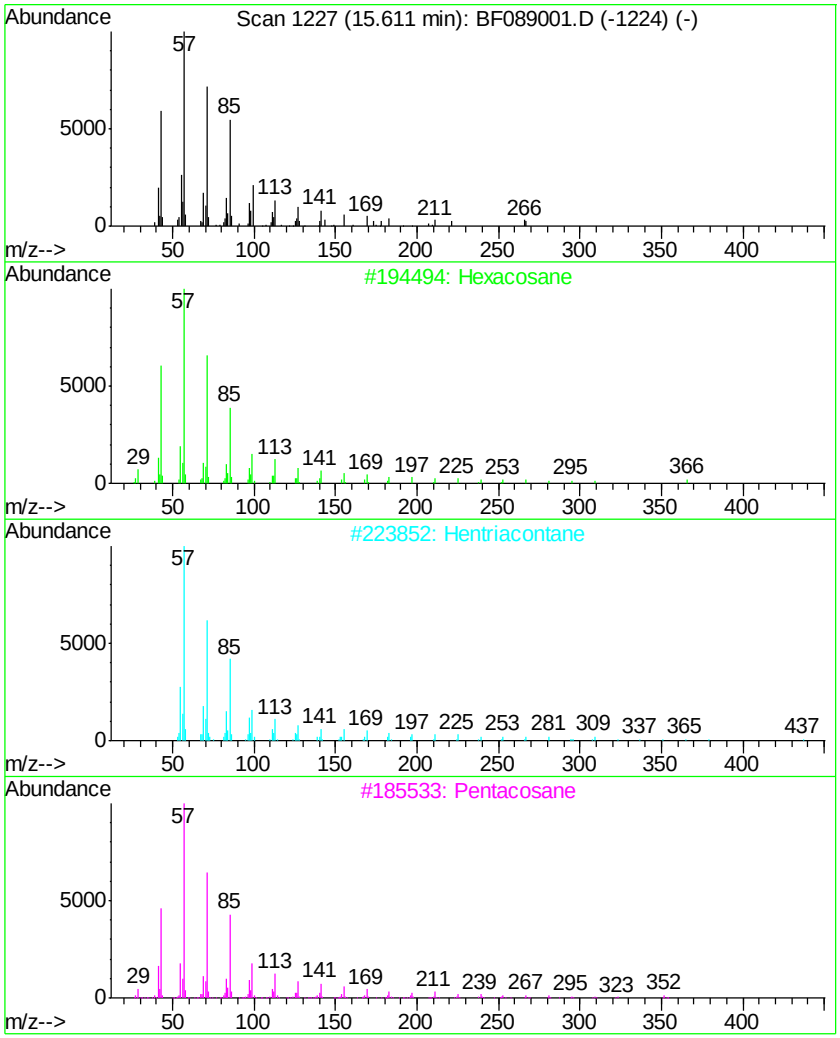
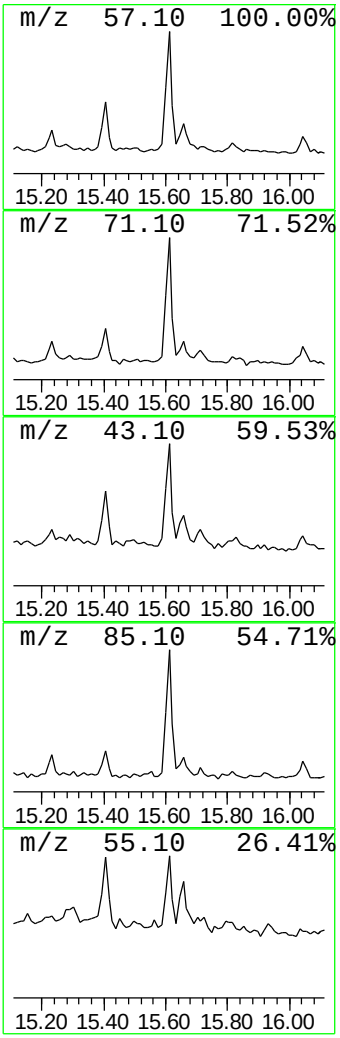
Peak Number 17 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	6.15 ng	78547	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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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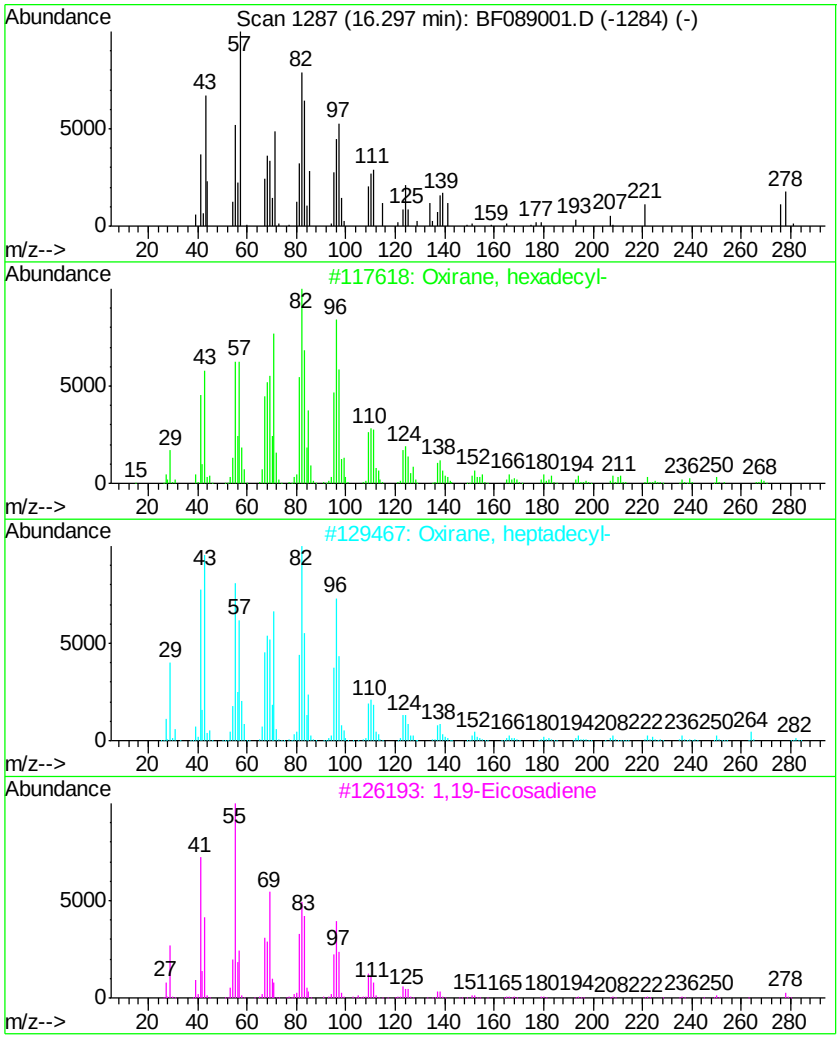
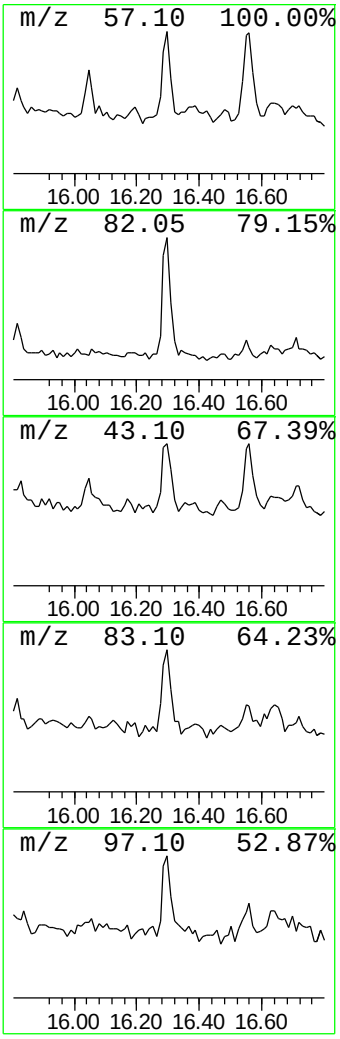
Peak Number 18 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	4.74 ng	60471	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	58
3	1,19-Eicosadiene	278	C20H38	014811-95-1	58
4	Octadecanal	268	C18H36O	000638-66-4	53
5	Pentadecanal-	226	C15H30O	002765-11-9	50





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Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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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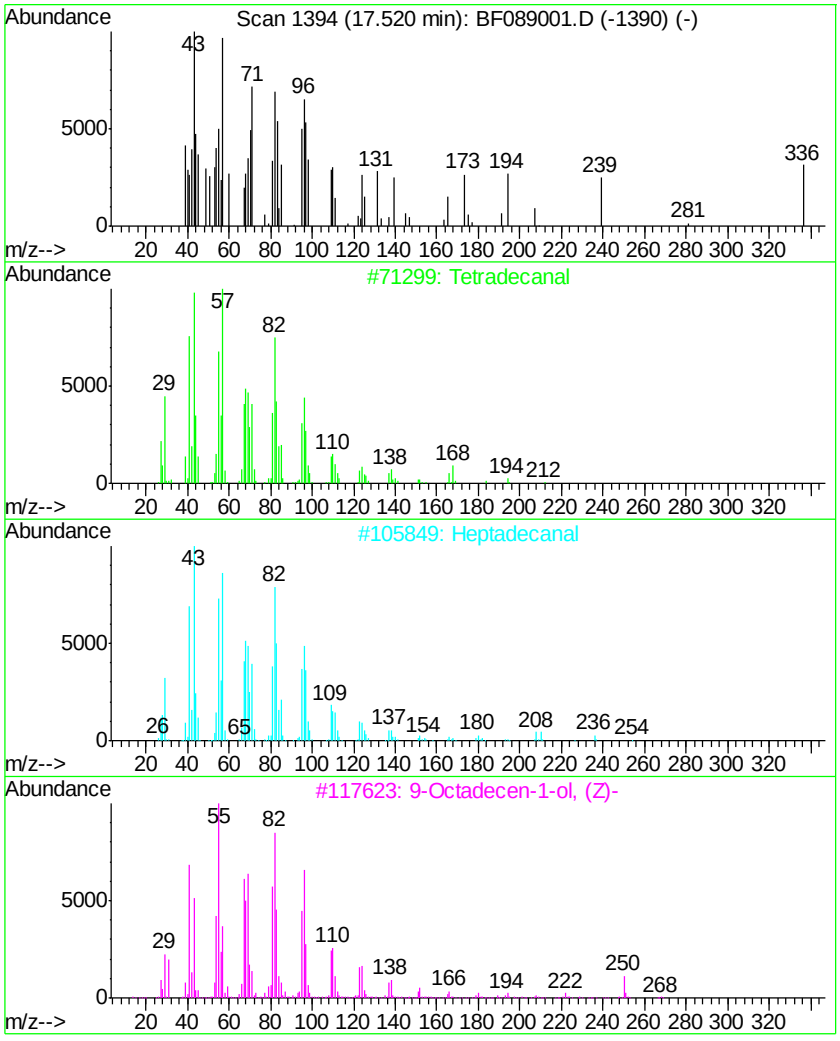
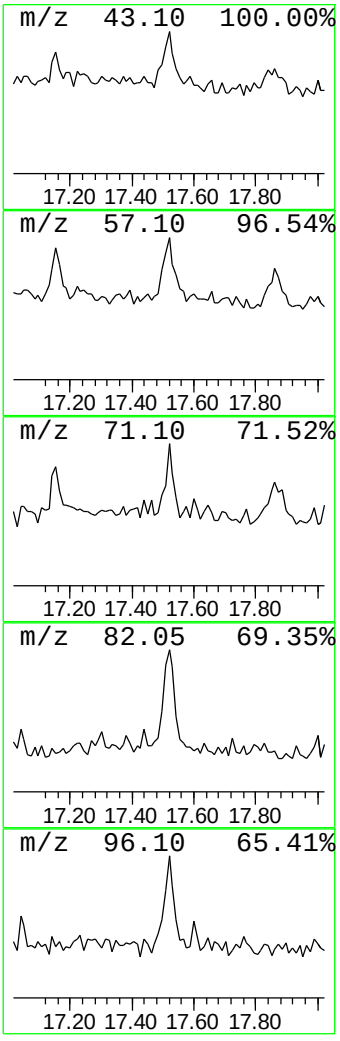
Peak Number 19 unknown17.52 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	4.04 ng	51577	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	27
2	Heptadecanal	254	C17H34O	1000376-70-0	22
3	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	14
4	1,1'-Bicyclohexyl, 4,4'-dimethyl-	194	C14H26	054823-99-3	14
5	3-Dimethylaminoacrylonitrile	96	C5H8N2	002407-68-3	11





Library Search Compound Report

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Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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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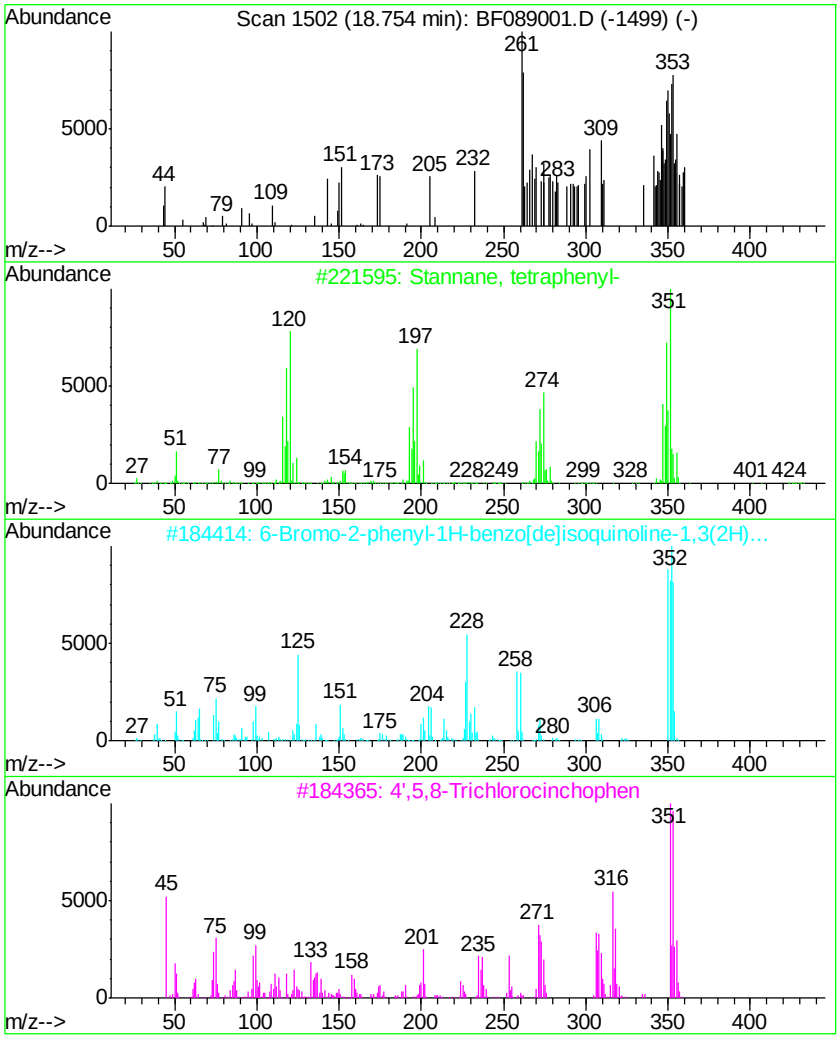
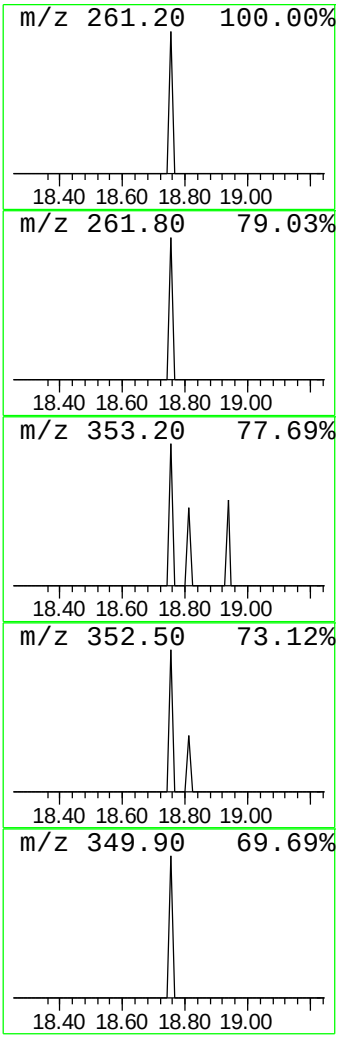
Peak Number 20 Stannane, tetraphenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	3.93 ng	50176	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stannane, tetraphenyl-	428	C24H20Sn	000595-90-4	53
2	6-Bromo-2-phenyl-1H-benzo[deliso...	351	C18H10BrNO2	1000331-92-1	27
3	4',5,8-Trichlorocinchophen	351	C16H8Cl3NO2	1000255-66-5	25
4	Indol-2(3H)-one, 5-bromo-3-(2-qu...	350	C18H11BrN2O	337351-93-6	14
5	1-Triphenylstannyl-1,2-propadiene	390	C21H18Sn	004104-90-9	11





Tentatively Identified Compound (LSC) summary

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Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B2(0-5)C

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
Propane, 1,1-dime...	1.85	6.5	ng	112874	1	6.68	345501	20.0
2-Pentanone, 4-hy...	4.83	10.9	ng	189226	1	6.68	345501	20.0
unknown6.46	6.46	90.4	ng	1561130	1	6.68	345501	20.0
unknown11.70	11.70	4.0	ng	69984	4	11.19	351274	20.0
unknown11.74	11.74	4.7	ng	82406	4	11.19	351274	20.0
unknown12.23	12.23	4.2	ng	74248	4	11.19	351274	20.0
n-Tetracosanol-1	13.68	7.6	ng	163233	5	13.82	428602	20.0
Ethanol, 2-(tetra...	14.31	6.3	ng	135434	5	13.82	428602	20.0
9-Octadecenamide,...	14.57	9.8	ng	125318	6	15.18	255386	20.0
Octadecanal	14.73	6.5	ng	83235	6	15.18	255386	20.0
Heptadecyl triflu...	14.93	19.7	ng	251575	6	15.18	255386	20.0
unknown15.41	15.41	4.1	ng	52301	6	15.18	255386	20.0
Hexacosane	15.61	6.2	ng	78547	6	15.18	255386	20.0
Oxirane, hexadecyl-	16.30	4.7	ng	60471	6	15.18	255386	20.0
unknown17.52	17.52	4.0	ng	51577	6	15.18	255386	20.0
Stannane, tetraph...	18.75	3.9	ng	50176	6	15.18	255386	20.0