LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

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-BF101015.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	4.914	240	243	252	rBV	739369	1395716	51.96%	4.085%
2	5.360	280	282	295	rBV	1914184	2259799	84.13%	6.614%
3	5.749	314	316	322	rVB	29945	29633	1.10%	0.087%
4	6.412	371	374	376	rBV	2018887	2240342	83.40%	6.557%
5	6.526	382	384	386	rBV	2521431	2297464	85.53%	6.725%
6	6.755	402	404	406	rBV	509830	520054	19.36%	1.522%
7	6.903	415	417	420	rBV	1611932	1796824	66.89%	5.259%
8	7.326	451	454	456	rBV	1431958	1393146	51.86%	4.078%
9	8.035	514	516	519	rBV	477499	677099	25.21%	1.982%
10	9.120	608	611	614	rBV	2510260	2686192	100.00%	7.862%
11	9.521	644	646	648	rBV	564506	476005	17.72%	1.393%
12	9.795	668	670	672	rBV	860819	801559	29.84%	2.346%
13	9.829	672	673	677	rVB	99377	81068	3.02%	0.237%
14	10.001	686	688	691	rBV	21503	31534	1.17%	0.092%
15	10.229	706	708	709	rVB	50611	42674	1.59%	0.125%
16	10.343	717	718	721	rVB	48311	43635	1.62%	0.128%
17	10.595	737	740	742	rBV	1265140	1529998	56.96%	4.478%
18	10.698	748	749	754	rVB2	80034	128250	4.77%	0.375%
19	10.778	754	756	757	rBV	41928	68949	2.57%	0.202%
20	10.801	757	758	760	rVV2	76498	114196	4.25%	0.334%
21	10.835	760	761	765	rVV2	64328	115144	4.29%	0.337%
22	10.904	765	767	770	rVV3	29227	72054	2.68%	0.211%
23	10.949	770	771	773	rVV2	57599	69870	2.60%	0.205%
24	10.995	773	775	777	rVV	48344	89239	3.32%	0.261%
25	11.029	777	778	782	rVB	45873	50258	1.87%	0.147%
26	11.121	784	786	787	rVV	261152	234872	8.74%	0.687%
27	11.144	787	788	790	rVV	58315	68962	2.57%	0.202%
28	11.178	790	791	794	rVB	37843	32837	1.22%	0.096%
29	11.281	798	800	804	rBV2	702207	1116368	41.56%	3.268%
30	11.361	804	807	809	rVB	91879	111552	4.15%	0.327%
31	11.521	820	821	823	rBV2	25139	35483	1.32%	0.104%
32	11.578	824	826	828	rVV	59222	63365	2.36%	0.185%
33	11.612	828	829	832	rVB	70943	96799	3.60%	0.283%
34	11.784	842	844	845	rBV	51564	45774	1.70%	0.134%

LSC Area Percent Report

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Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.818	845	847	849	rVV	249726	268357	9.99%	0.785%
36	11.898	852	854	858	rVV2	67727	91693	3.41%	0.268%
37	11.978	859	861	866	rVB	22212	42291	1.57%	0.124%
38	12.081	866	870	872	rBV2	25367	55090	2.05%	0.161%
39	12.309	889	890	894	rBV	171659	227544	8.47%	0.666%
40	12.378	894	896	899	rBV	24102	41203	1.53%	0.121%
41	12.424	899	900	902	rVB	25741	31887	1.19%	0.093%
42	12.492	904	906	909	rBV	367506	481059	17.91%	1.408%
43	12.607	914	916	918	rBV2	54680	62106	2.31%	0.182%
44	12.652	918	920	923	rVV2	33291	39955	1.49%	0.117%
45	12.721	923	926	929	rVV2	299537	462855	17.23%	1.355%
46	12.778	929	931	932	rVV	64847	95339	3.55%	0.279%
47	12.812	932	934	935	rVB	44727	43063	1.60%	0.126%
48	12.881	937	940	942	rVV	2042156	2621023	97.57%	7.672%
49	12.949	944	946	948	rVB2	19434	30180	1.12%	0.088%
50	13.064	952	956	958	rBV	49895	85464	3.18%	0.250%
51	13.121	958	961	962	rVV2	49236	77478	2.88%	0.227%
52	13.155	962	964	968	rVB3	41798	86723	3.23%	0.254%
53	13.441	987	989	991	rBV2	31802	46638	1.74%	0.137%
54	13.567	997	1000	1004	rBV3	23059	48486	1.81%	0.142%
55	13.681	1008	1010	1011	rBV	27815	29129	1.08%	0.085%
56	13.807	1017	1021	1028	rVB5	114815	346401	12.90%	1.014%
57	13.944	1028	1033	1039	rBV2	590795	1074565	40.00%	3.145%
58	14.047	1040	1042	1044	rVB	31278	32523	1.21%	0.095%
59	14.115	1045	1048	1049	rBV	24669	38635	1.44%	0.113%
60	14.344	1063	1068	1070	rBV2	27586	64337	2.40%	0.188%
61	14.435	1074	1076	1078	rVV	109173	111642	4.16%	0.327%
62	14.481	1078	1080	1086	rBV3	87738	245892	9.15%	0.720%
63	14.755	1102	1104	1106	rVB	34820	42409	1.58%	0.124%
64	14.824	1108	1110	1112	rVV	60590	72338	2.69%	0.212%
65	14.893	1114	1116	1119	rVV	121331	175648	6.54%	0.514%
66	15.007	1123	1126	1130	rVV	167183	341715	12.72%	1.000%
67	15.075	1130	1132	1134	rVV	258292	289032	10.76%	0.846%
68	15.133	1134	1137	1145	rVV3	190494	629146	23.42%	1.841%
69	15.235	1145	1146	1149	rVV3	43816	70907	2.64%	0.208%
70	15.293	1149	1151	1154	rVV	93332	129088	4.81%	0.378%
71	15.350	1154	1156	1159	rVV	122797	149629	5.57%	0.438%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.407	1159	1161	1169	rVB	392756	620978	23.12%	1.818%
73	15.521	1169	1171	1177	rBV6	23773	54713	2.04%	0.160%
74	15.624	1177	1180	1183	rBV	364243	468378	17.44%	1.371%
75	15.841	1196	1199	1203	rVB	290542	434912	16.19%	1.273%
76	15.944	1203	1208	1215	rBV3	132028	572869	21.33%	1.677%
77	16.298	1237	1239	1247	rVB2	27651	82928	3.09%	0.243%
78	16.447	1250	1252	1260	rVB7	24086	75203	2.80%	0.220%
79	16.584	1260	1264	1269	rBV2	95568	202363	7.53%	0.592%
80	16.801	1279	1283	1285	rBV	83428	200391	7.46%	0.587%
81	16.847	1285	1287	1294	rVB	103260	235095	8.75%	0.688%
82	17.018	1294	1302	1312	rVB4	99474	511666	19.05%	1.498%
83	17.213	1316	1319	1326	rVB	45534	131207	4.88%	0.384%
84	17.361	1326	1332	1337	rBV6	63405	259900	9.68%	0.761%
85	17.453	1337	1340	1342	rBV2	18023	41264	1.54%	0.121%
86	17.761	1364	1367	1375	rVB7	28603	118389	4.41%	0.347%
87	17.887	1375	1378	1382	rBV	33294	80809	3.01%	0.237%
88	18.241	1405	1409	1418	rVB3	73903	241805	9.00%	0.708%
89	18.504	1428	1432	1437	rBV	40931	150299	5.60%	0.440%
90	18.664	1443	1446	1451	rVB4	29786	83599	3.11%	0.245%

Sum of corrected areas: 34164952

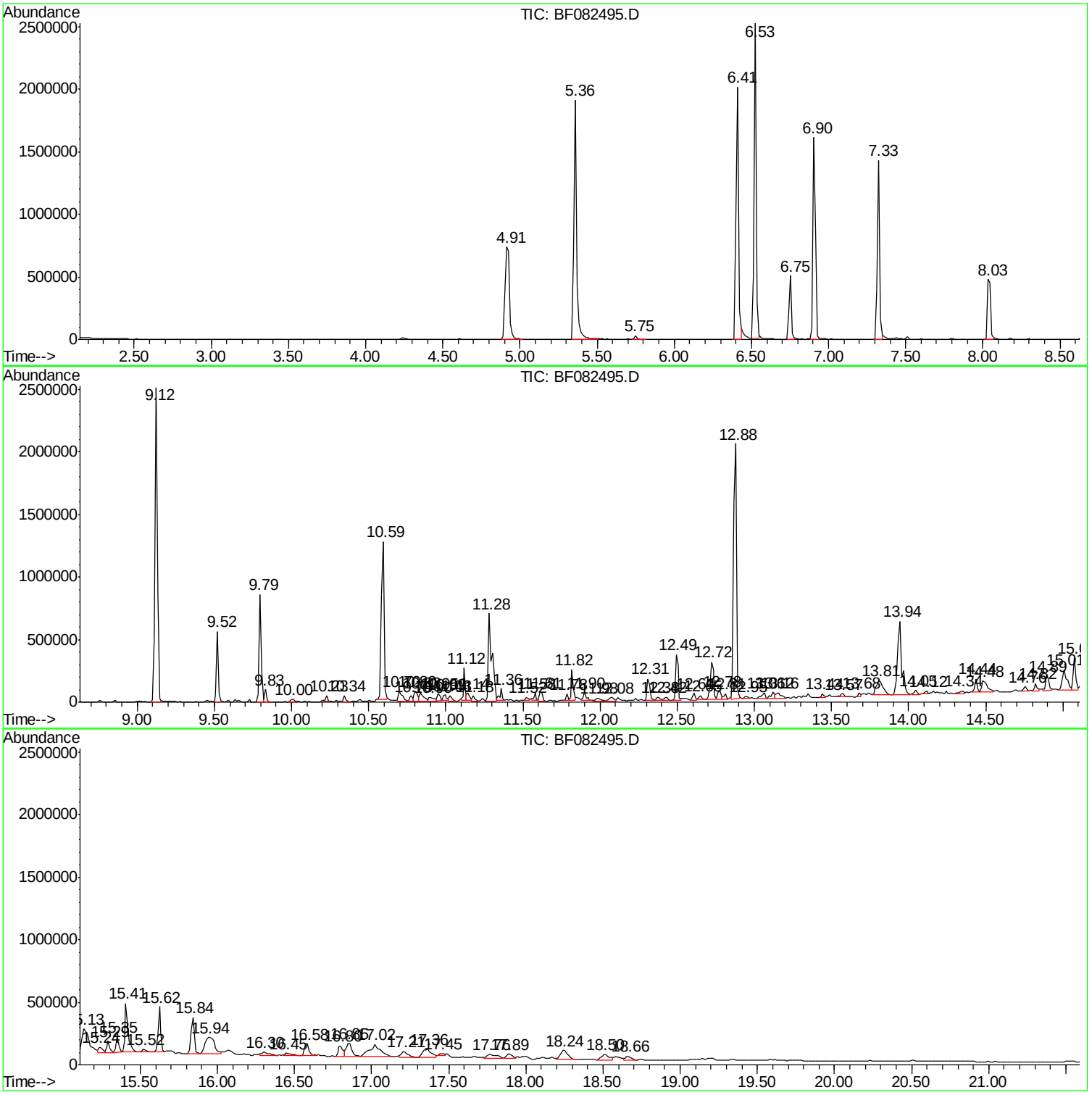
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

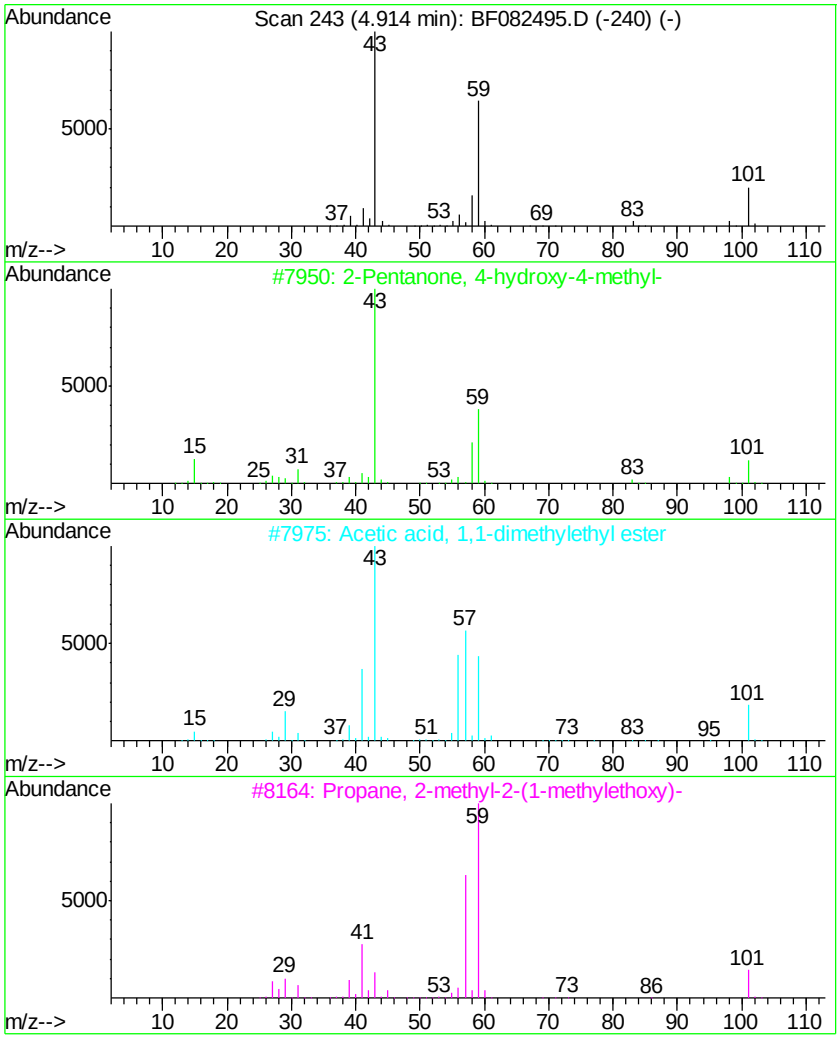
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

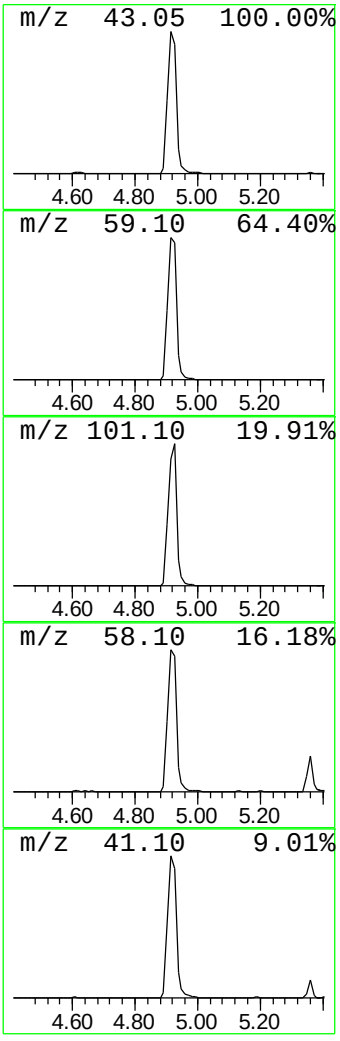
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	53.68 ng	1395720	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

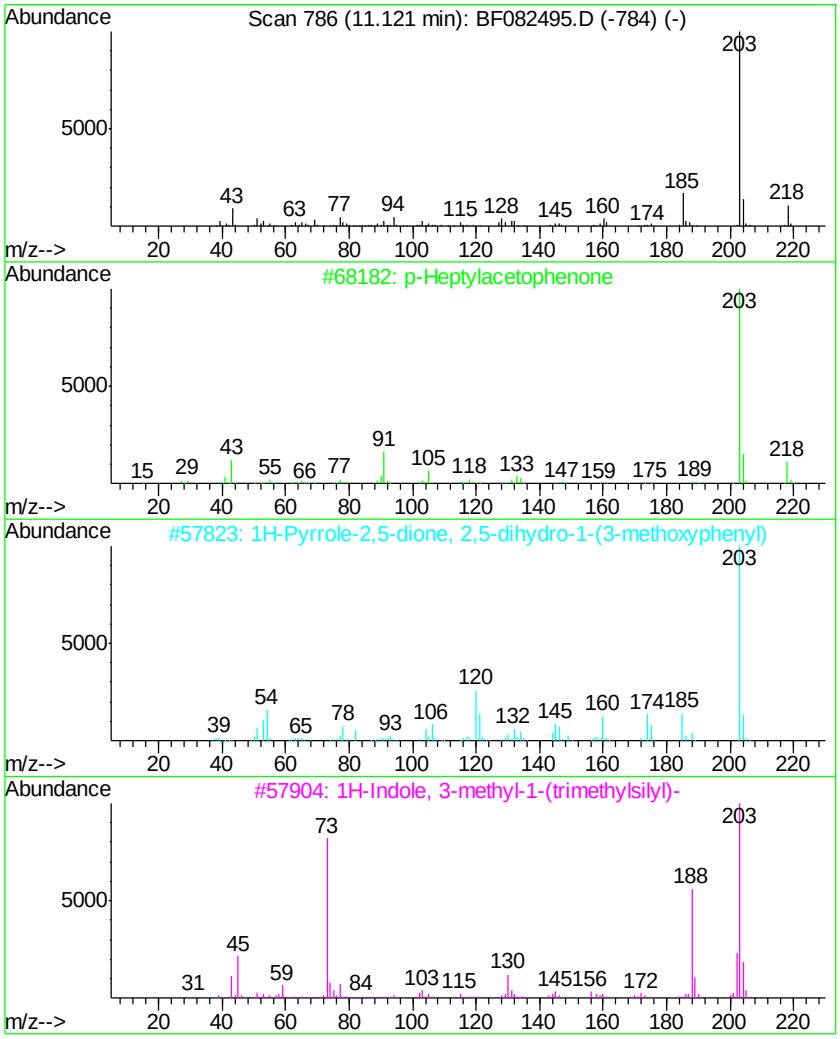
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

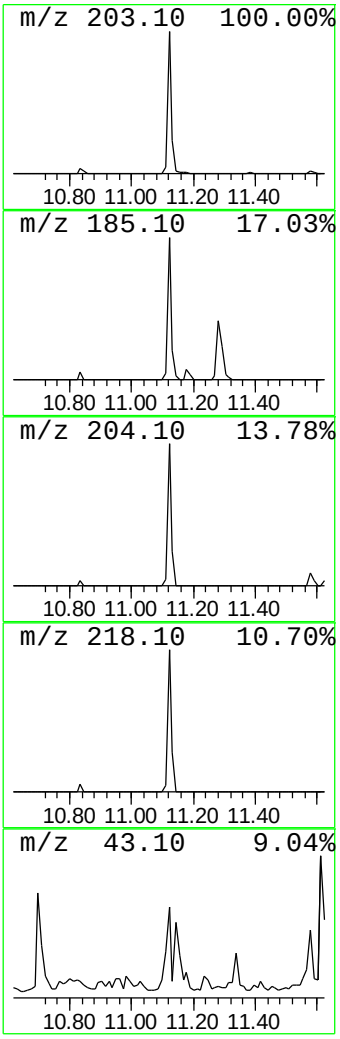
****

Peak Number 4 p-Heptylacetophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	4.21 ng	234872	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Heptylacetophenone	218	C15H22O	037593-03-6	64
2	1H-Pyrrole-2,5-dione, 2,5-dihydr...	203	C11H9NO3	003007-23-6	64
3	1H-Indole, 3-methyl-1-(trimethyl...	203	C12H17NSi	055638-43-2	53
4	Pyrazole, 1-methyl-3-(3-nitrophe...	203	C10H9N3O2	1000266-27-0	42
5	Benzoic acid, 4-heptyl-, 4-cyano...	321	C21H23NO2	038690-76-5	40





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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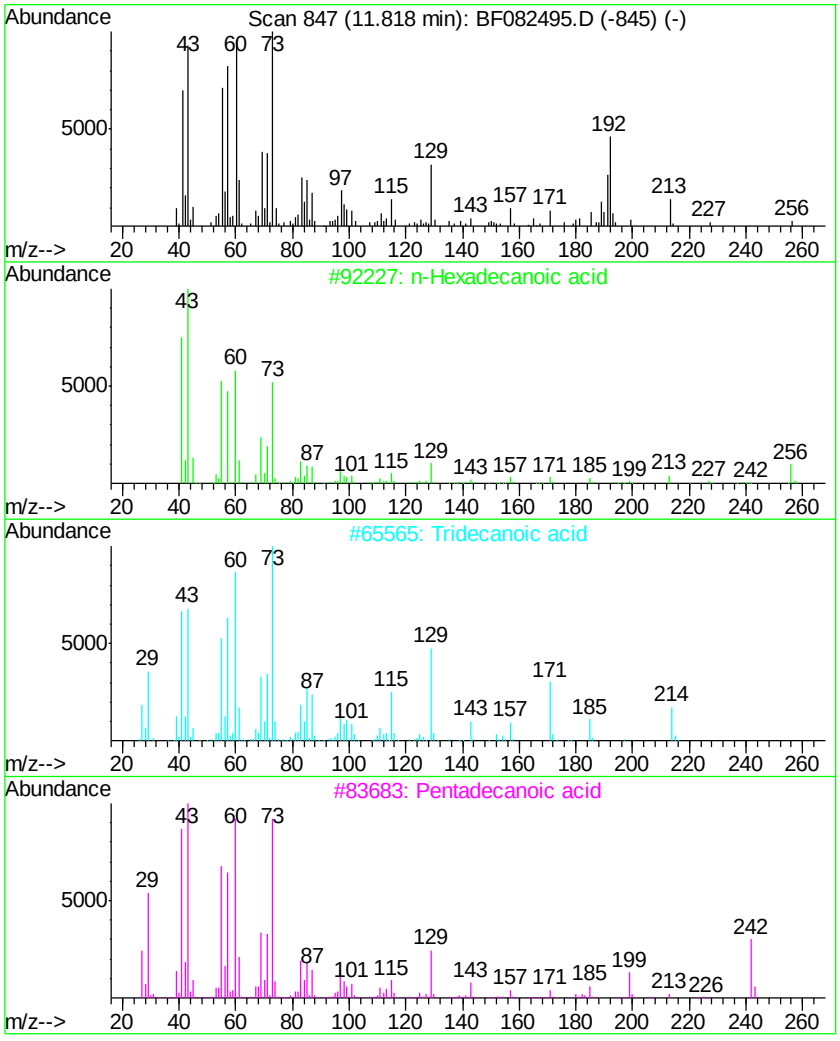
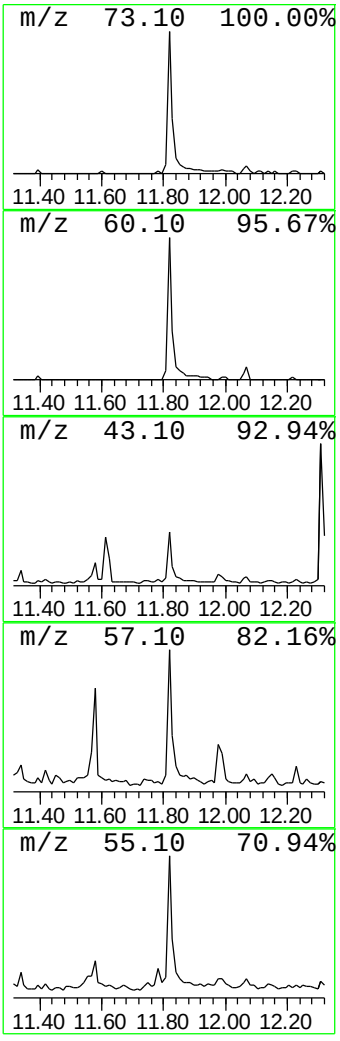
Peak Number 5 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.81 ng	268357	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Nonanoic acid	158	C9H18O2	000112-05-0	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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Acq On : 24 Oct 2015 6:17
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Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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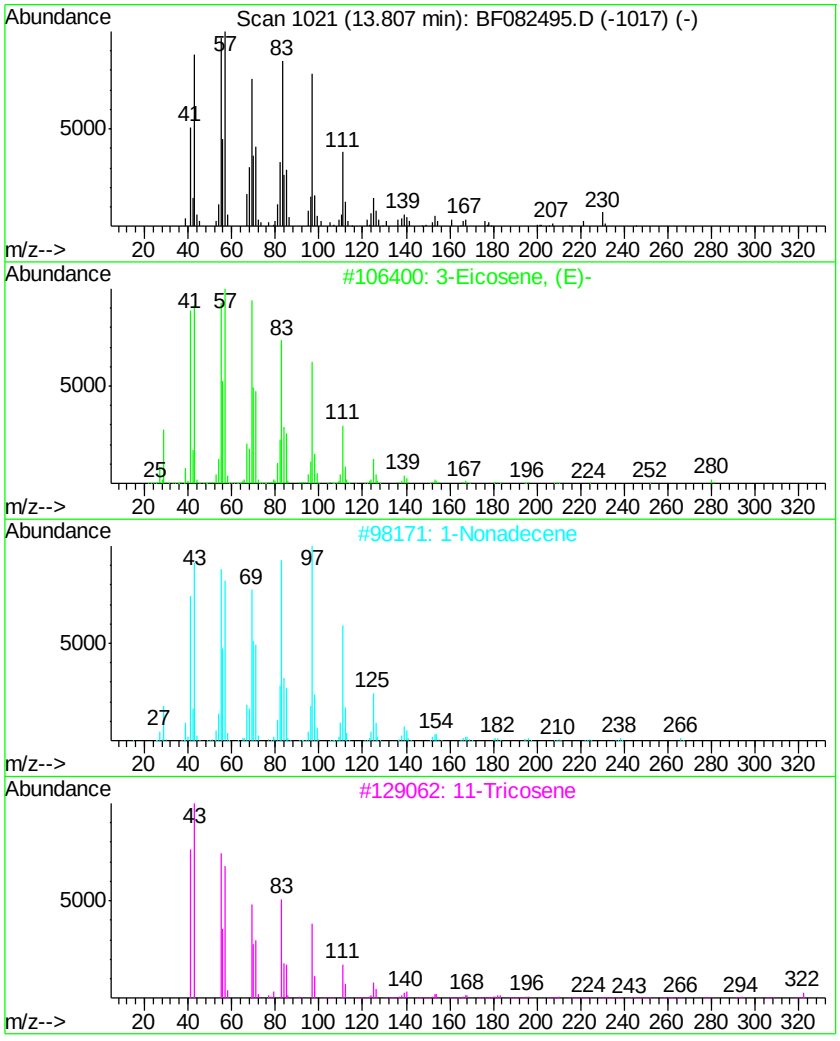
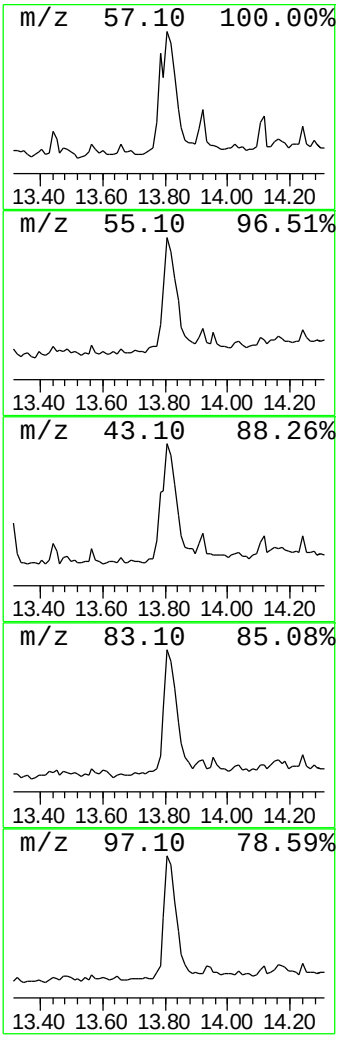
Peak Number 6 3-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.45 ng	346401	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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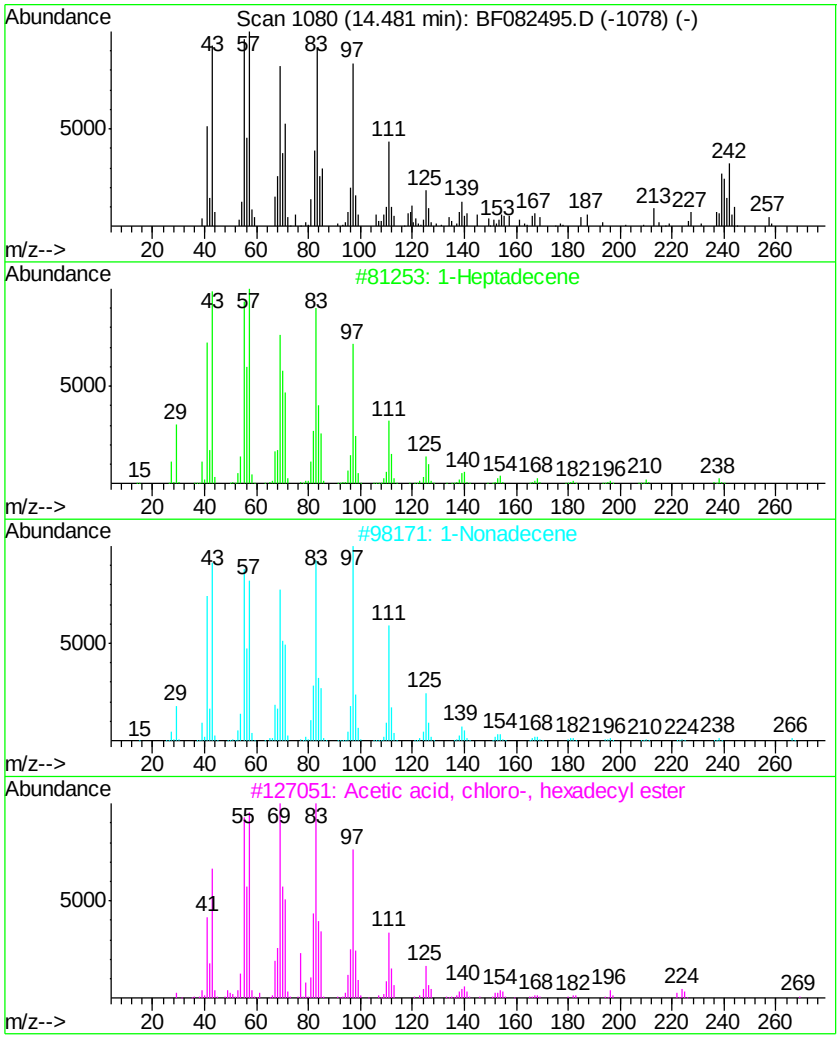
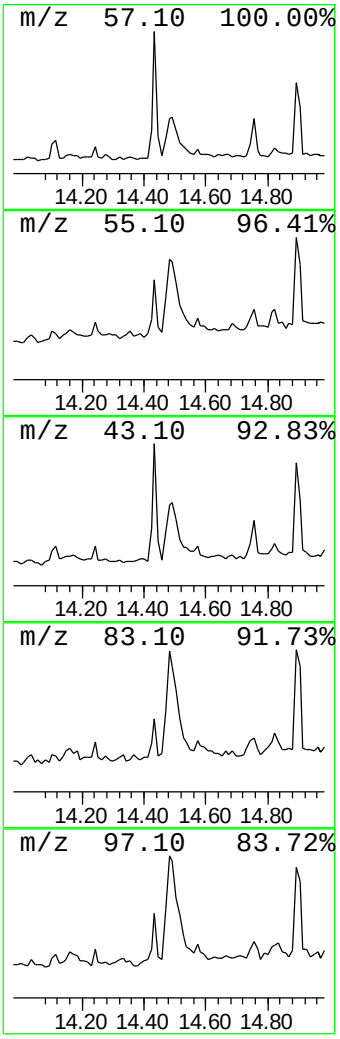
Peak Number 7 1-Heptadecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	4.58 ng	245892	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	74
2	1-Nonadecene	266	C19H38	018435-45-5	68
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	64
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
5	1-Pentadecanethiol	244	C15H32S	025276-70-4	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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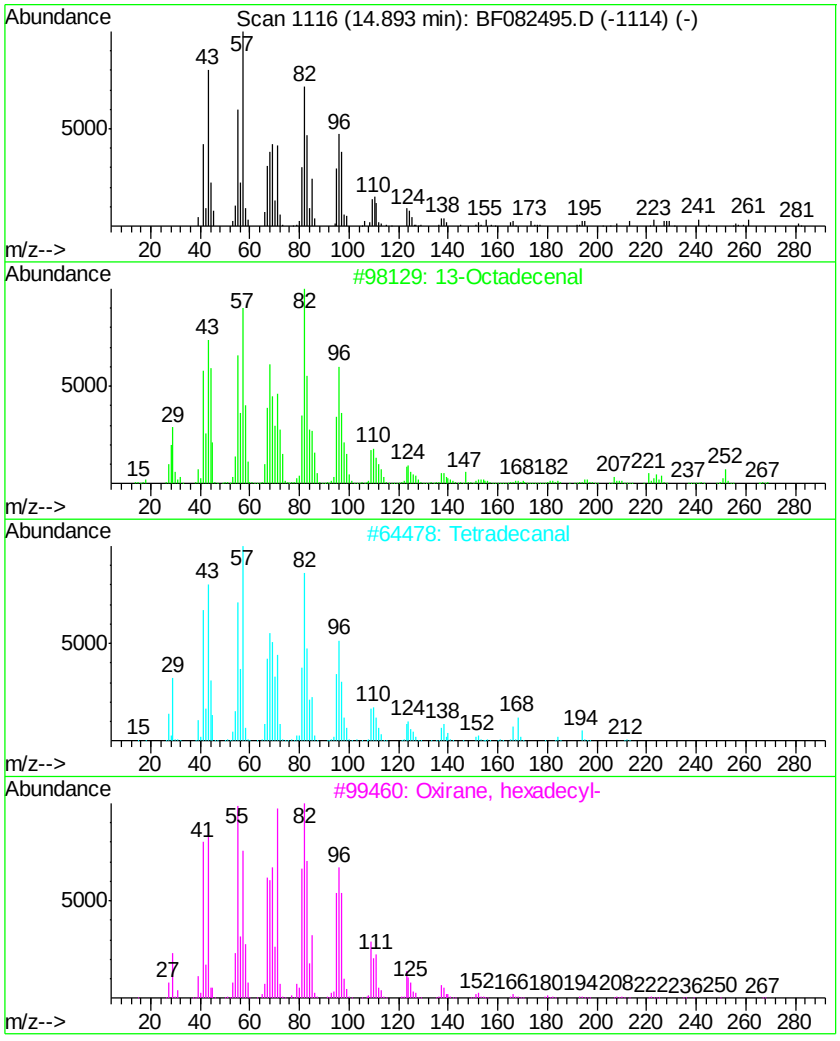
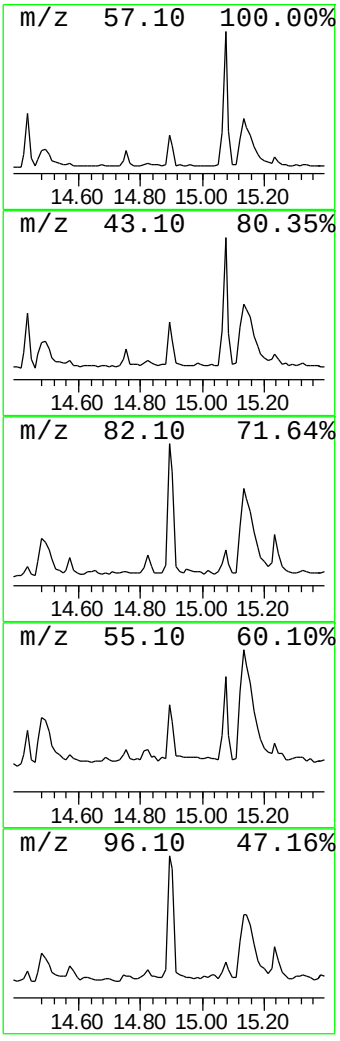
Peak Number 8 13-Octadecenal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.66 ng	175648	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenal	266	C18H34O	056554-90-6	87
2	Tetradecanal	212	C14H28O	000124-25-4	86
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
4	Octadecanal	268	C18H36O	000638-66-4	74
5	12-Octadecenal	266	C18H34O	056554-91-7	72





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Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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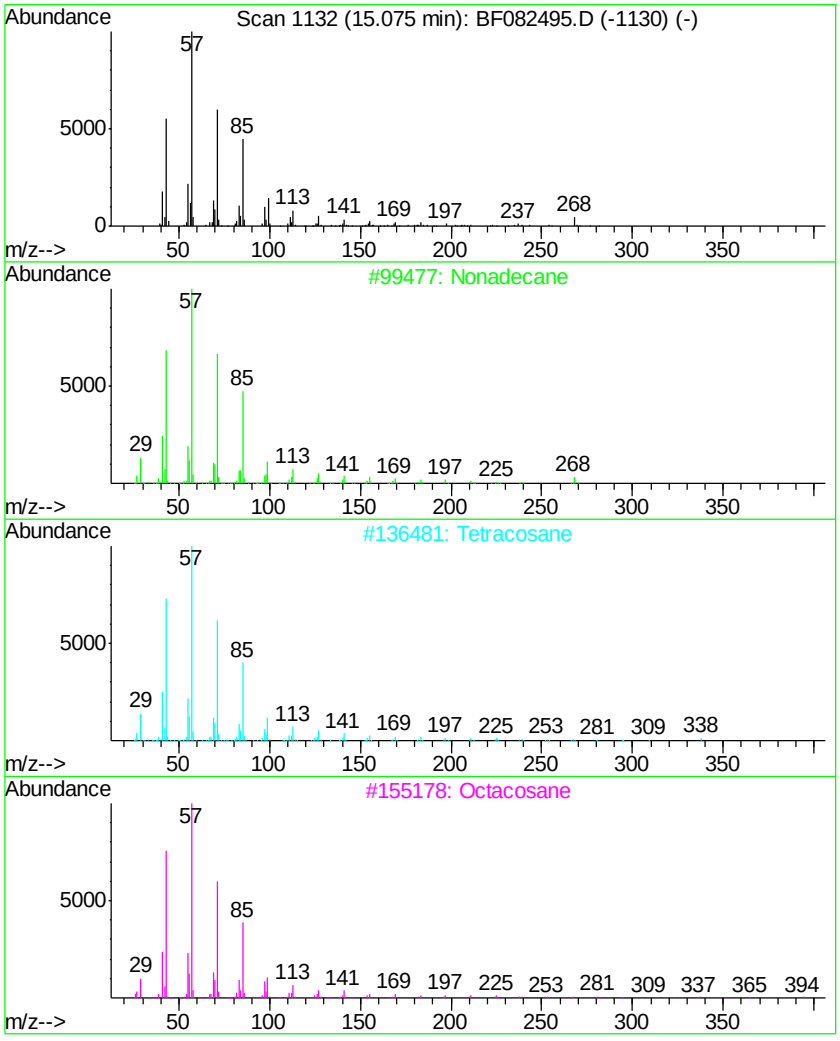
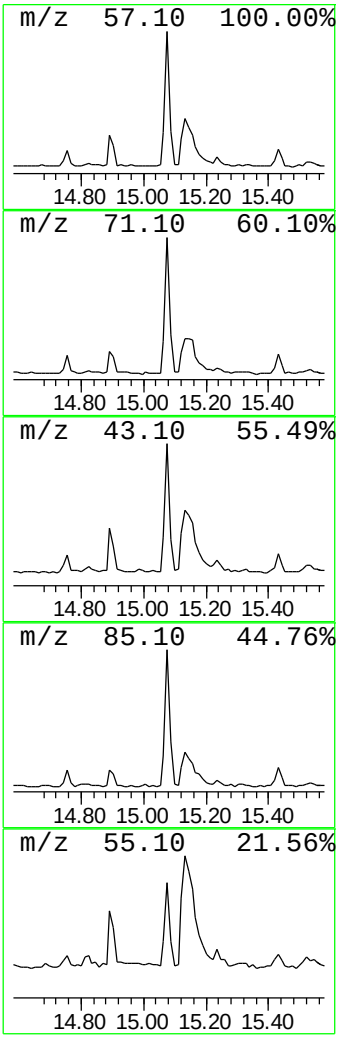
Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	9.31 ng	289032	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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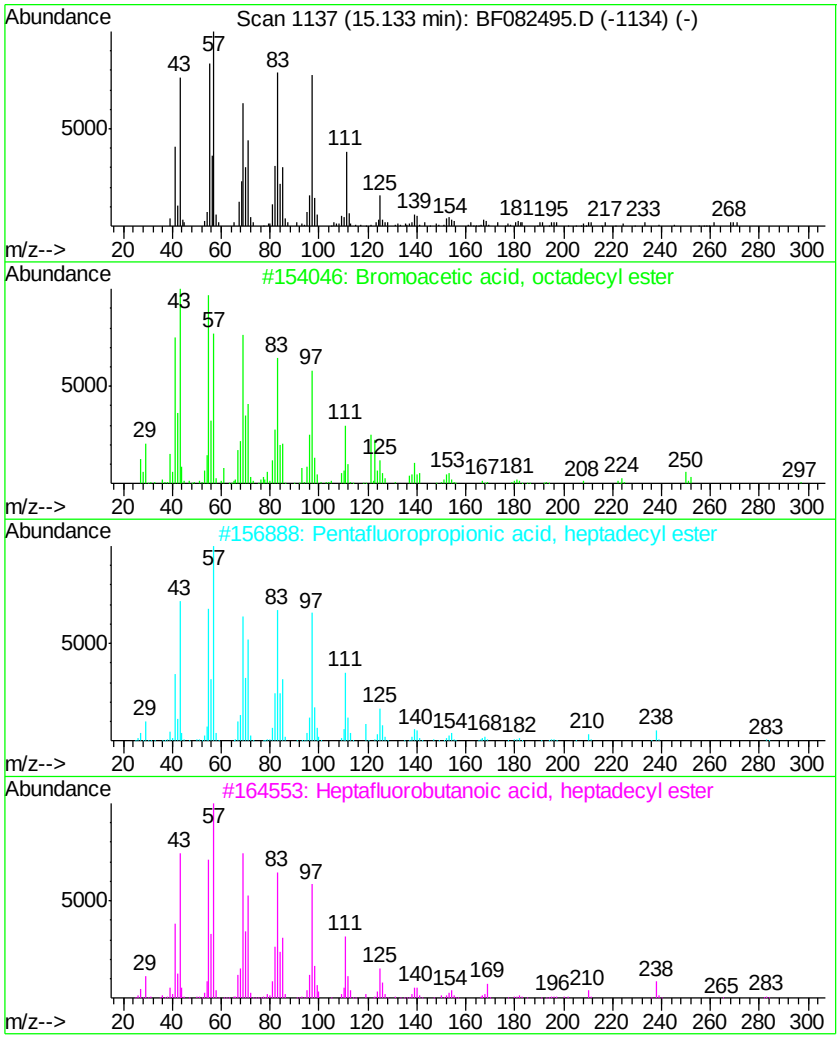
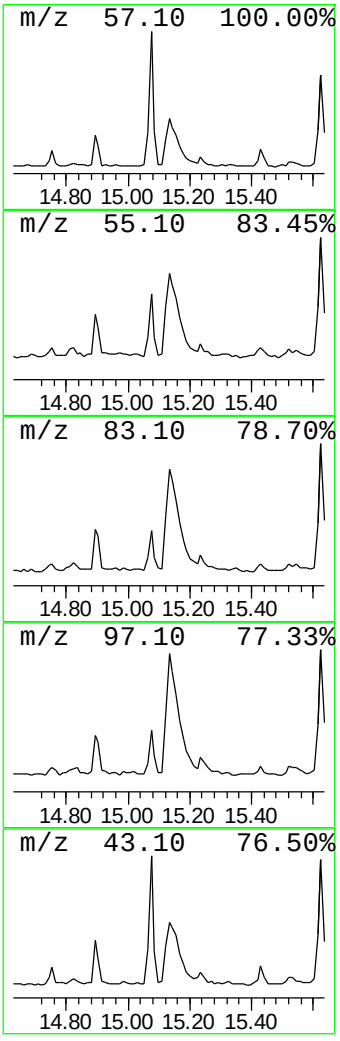
Peak Number 10 Bromoacetic acid, octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	20.26 ng	629146	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
4	1-Docosene	308	C22H44	001599-67-3	76
5	17-Pentatriacontene	491	C35H70	006971-40-0	74





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Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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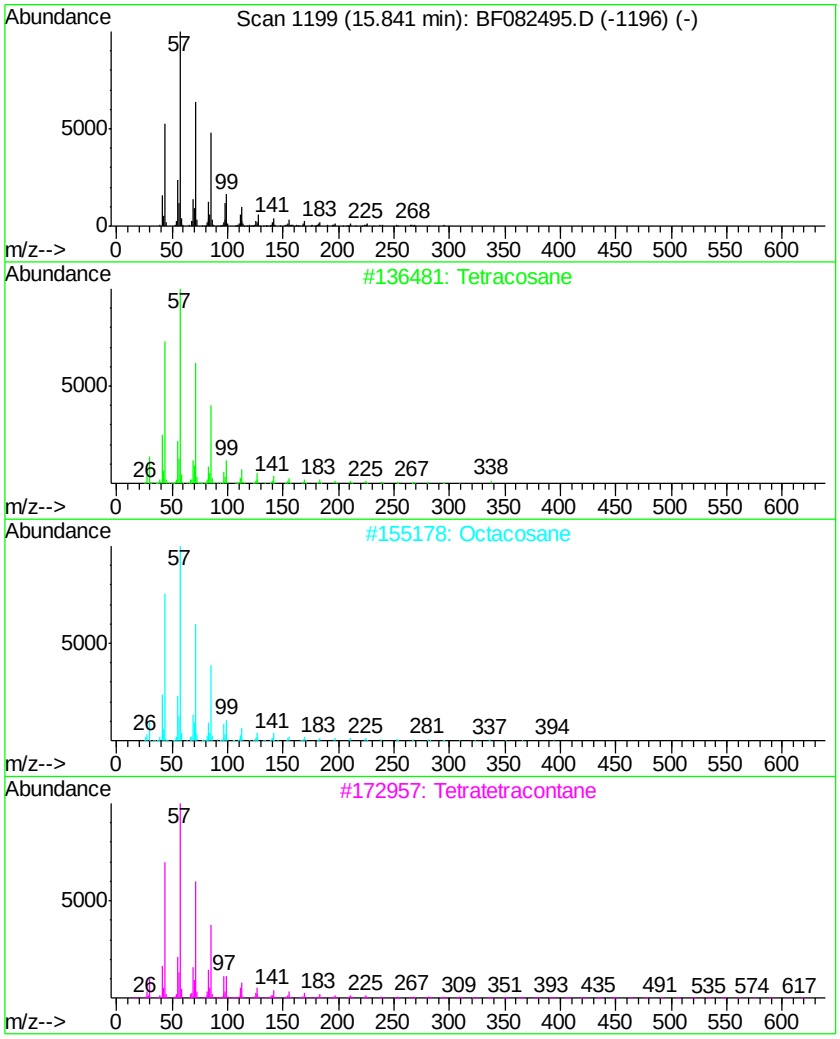
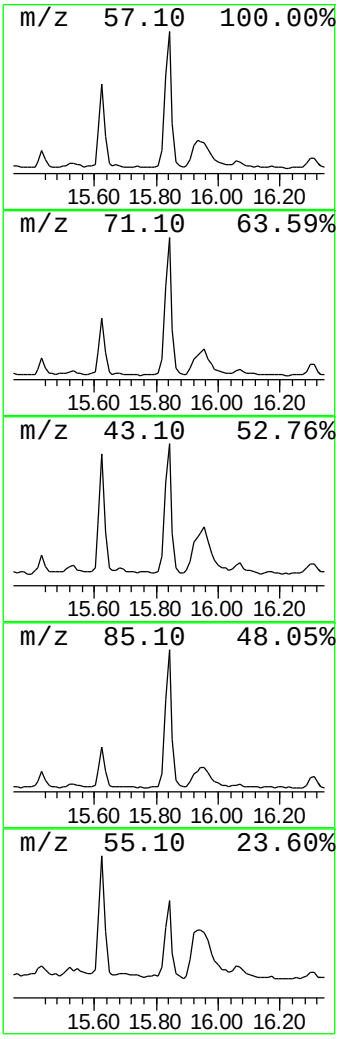
Peak Number 13 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	14.01 ng	434912	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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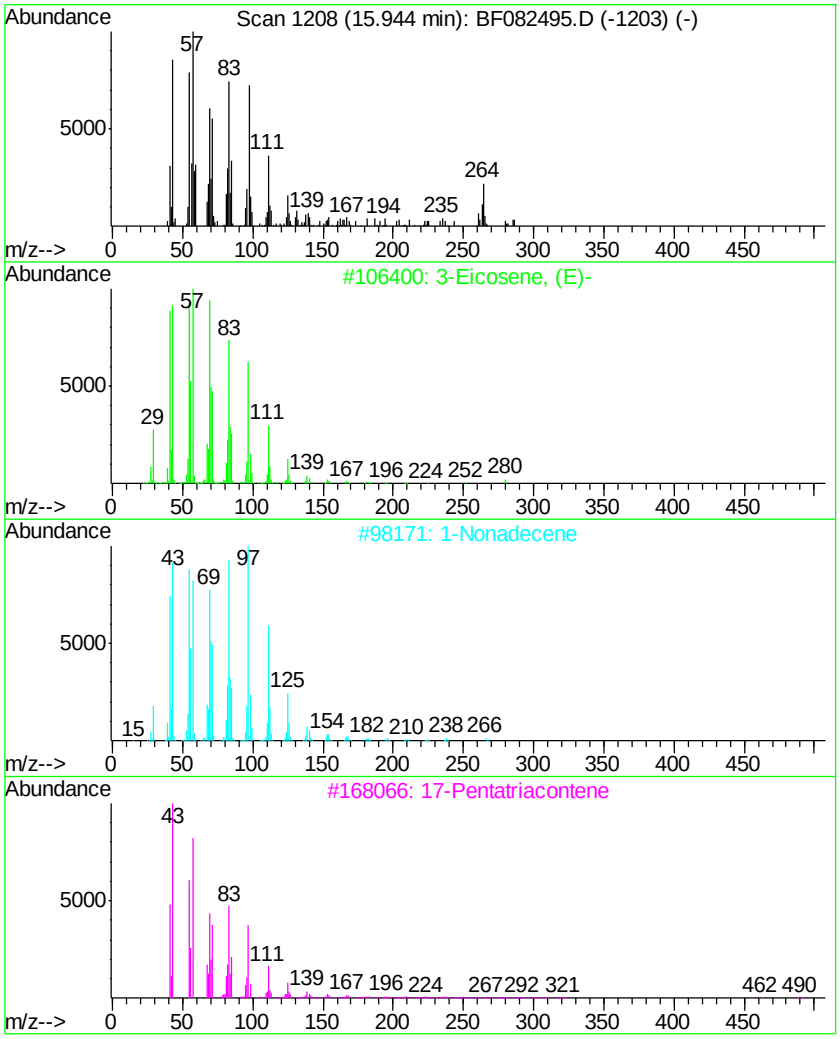
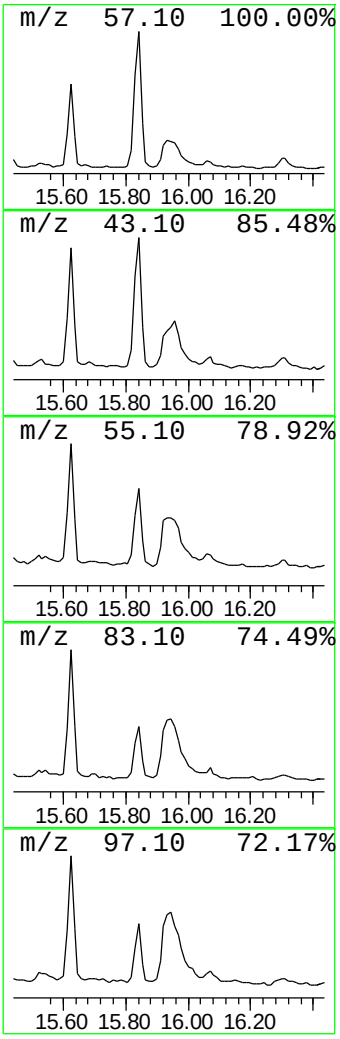
Peak Number 14 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	18.45 ng	572869	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
2	1-Nonadecene	266	C19H38	018435-45-5	86
3	17-Pentatriacontene	491	C35H70	006971-40-0	76
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	62
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	62





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Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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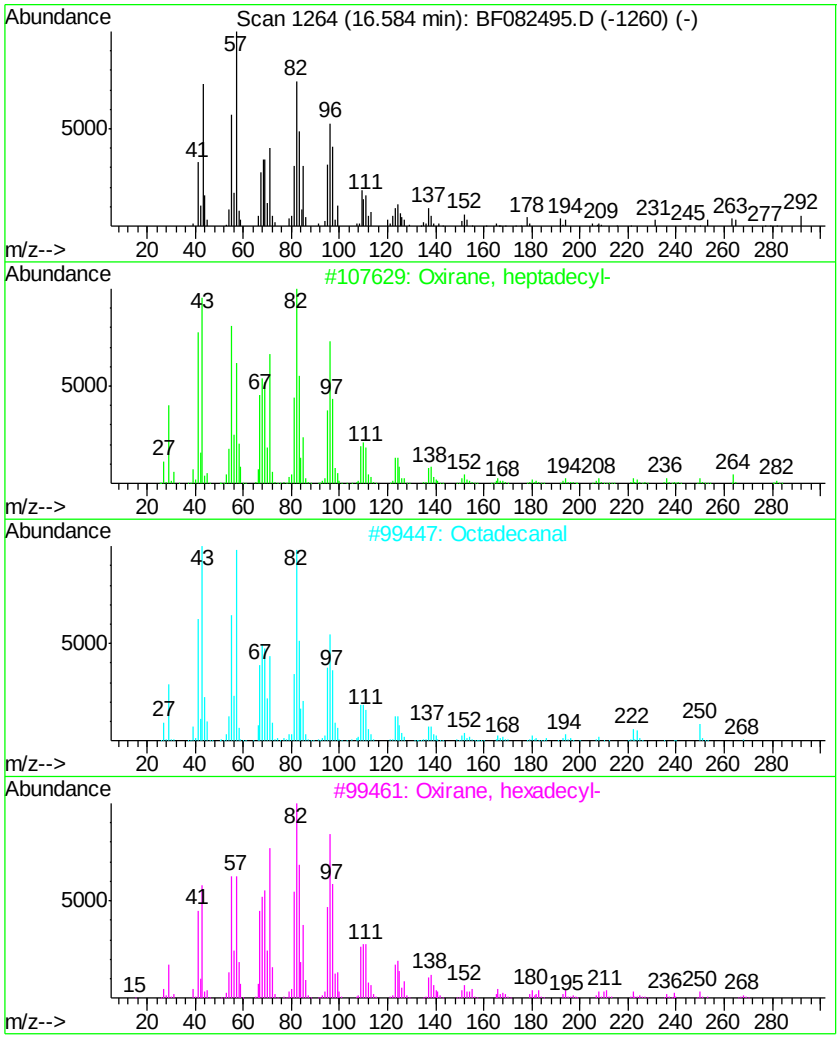
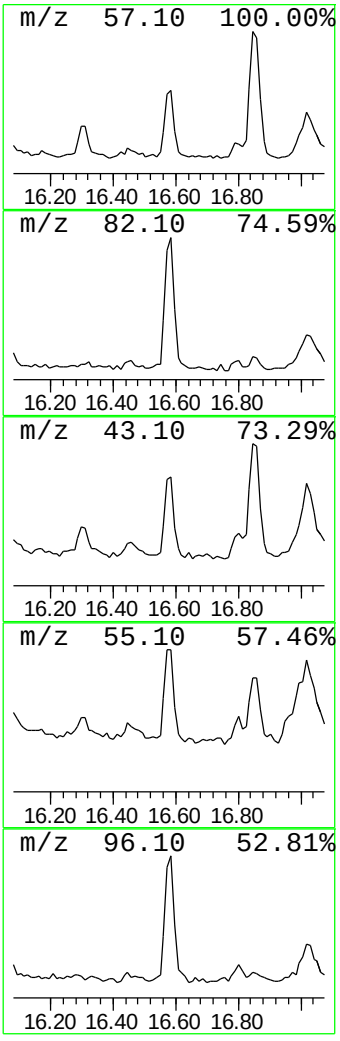
Peak Number 15 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	6.52 ng	202363	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
2	Octadecanal	268	C18H36O	000638-66-4	87
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74
4	1,19-Eicosadiene	278	C20H38	014811-95-1	68
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	68





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Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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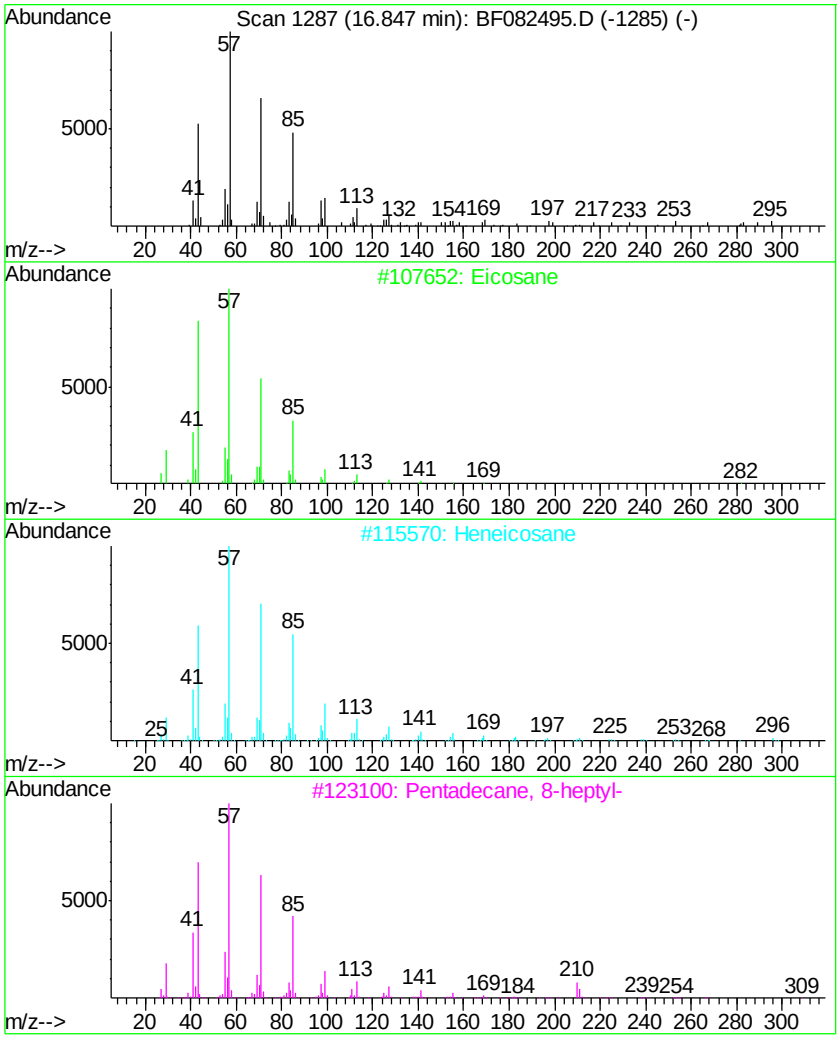
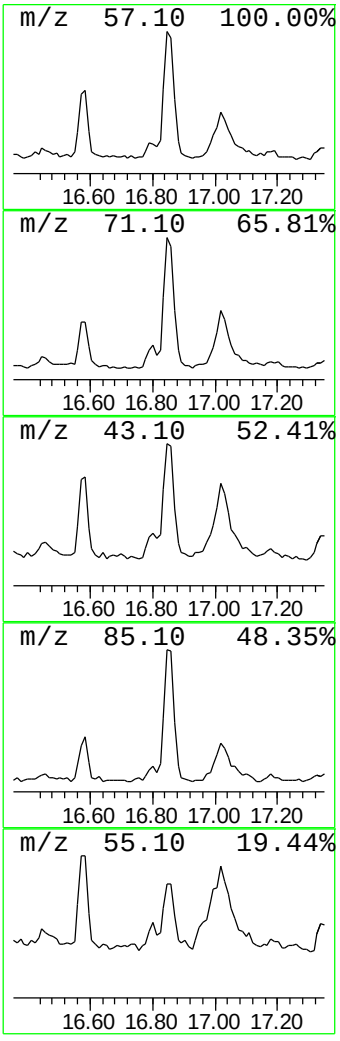
Peak Number 16 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	7.57 ng	235095	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Heneicosane	296	C21H44	000629-94-7	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Octacosane	394	C28H58	000630-02-4	87





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Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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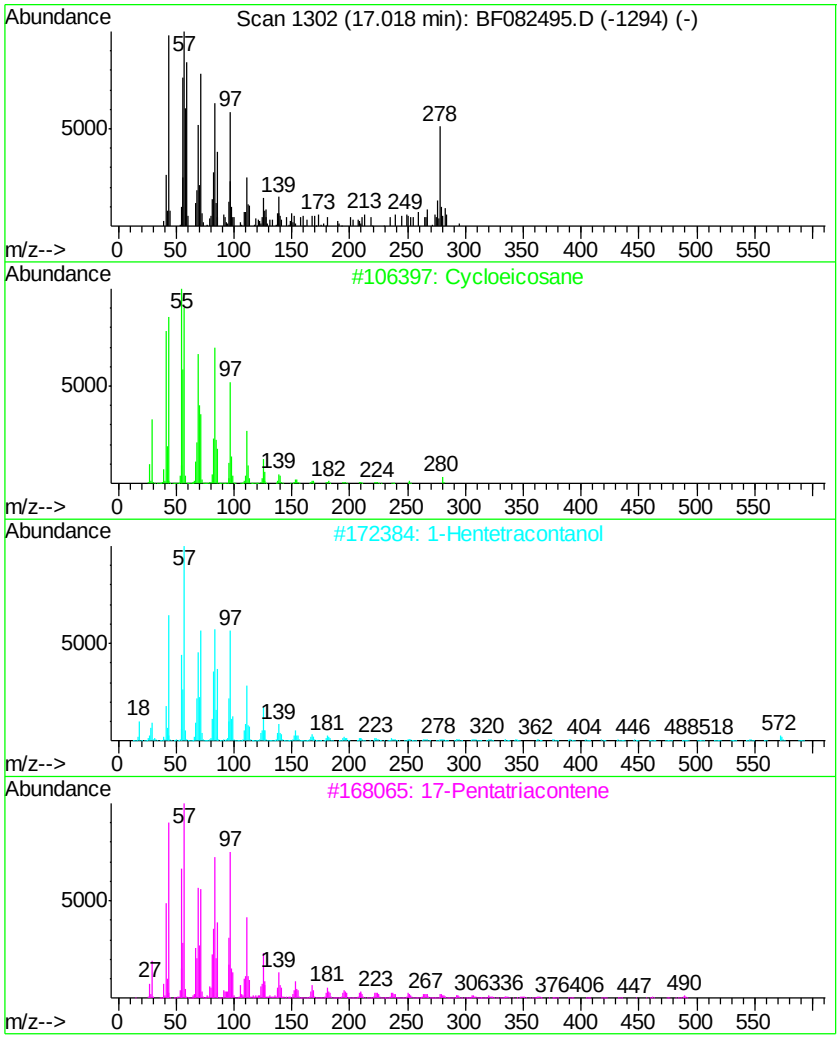
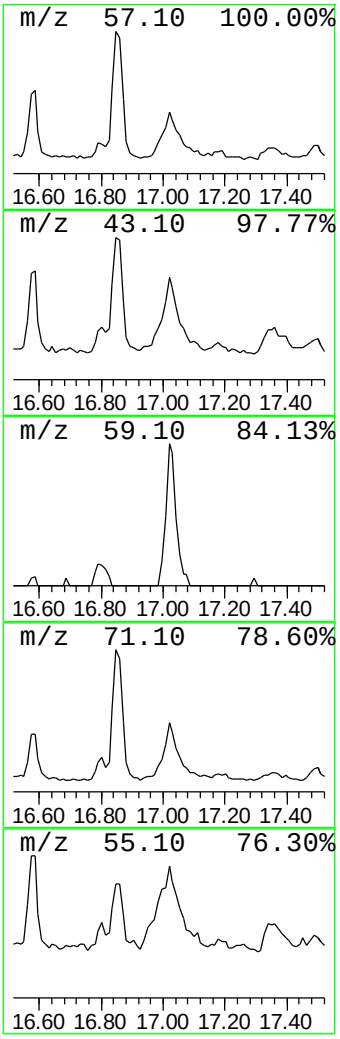
Peak Number 17 Cycloeicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	16.48 ng	511666	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	52
2	1-Hentetracontanol	593	C41H84O	040710-42-7	45
3	17-Pentatriacontene	491	C35H70	006971-40-0	38
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	38
5	4-Methyl-4-nonadecene	280	C20H40	1000131-11-5	35





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Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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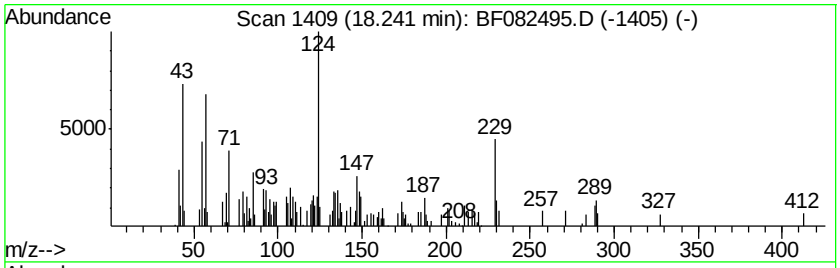
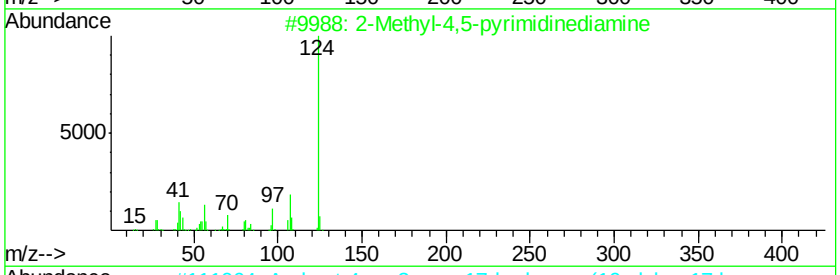
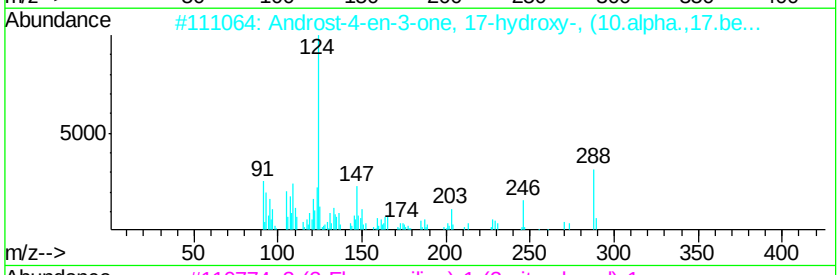
Peak Number 19 unknown18.24 Concentration Rank 11

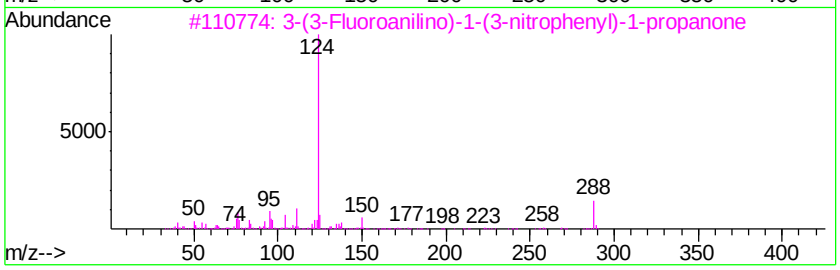
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	7.79 ng	241805	Perylene-d12	15.41

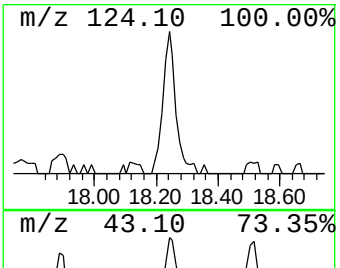
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	30
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	25
3	3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	22
4	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	22
5	Benzoylecgonine	289	C16H19NO4	000519-09-5	22

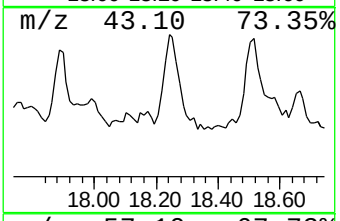


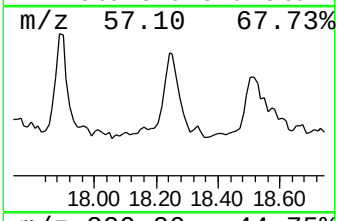


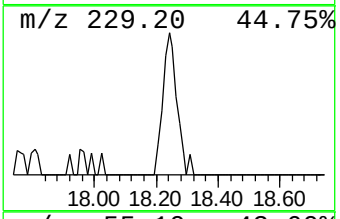


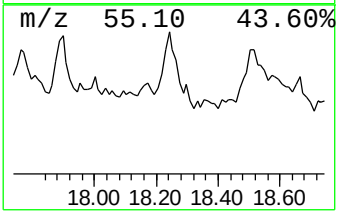












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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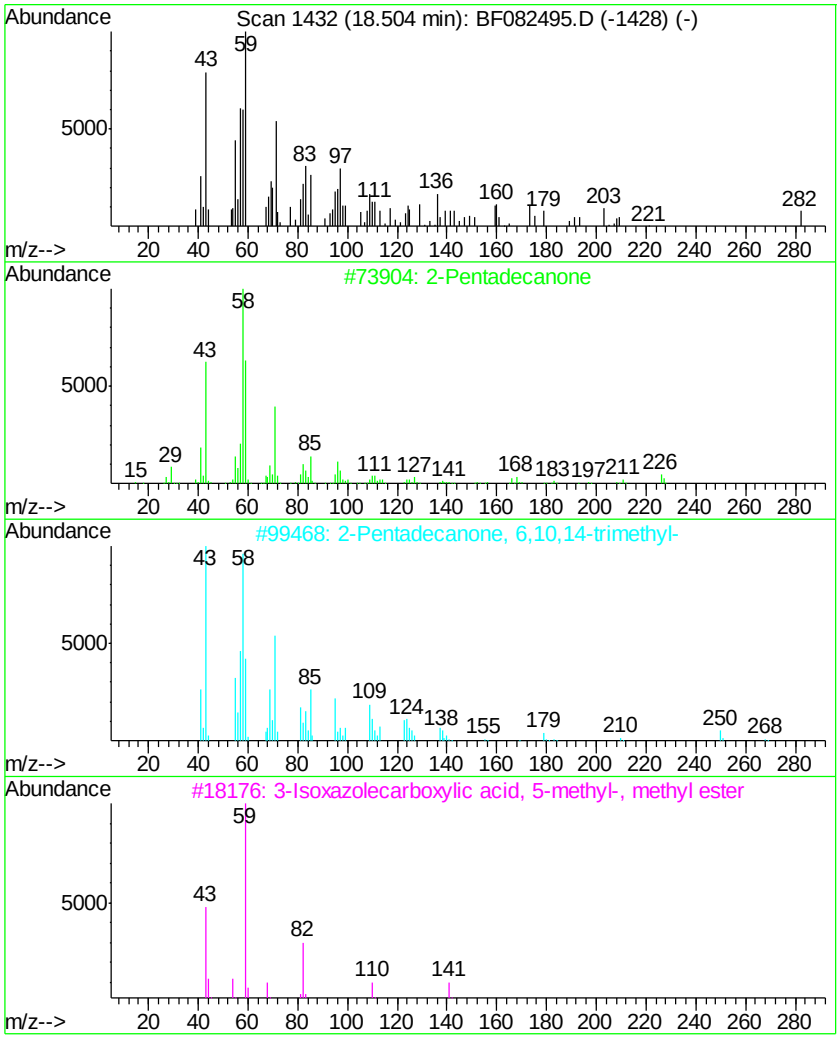
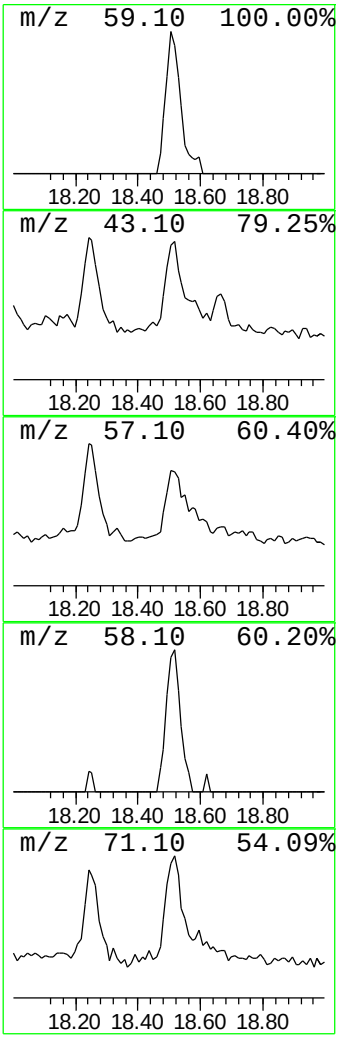
Peak Number 20 2-Pentadecanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.84 ng	150299	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentadecanone	226	C15H30O	002345-28-0	50
2	2-Pentadecanone, 6,10,14-trimethyl-	268	C18H36O	000502-69-2	22
3	3-Isoxazolecarboxylic acid, 5-me...	141	C6H7NO3	019788-35-3	18
4	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	18
5	Eicosane	282	C20H42	000112-95-8	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082495.D
Acq On : 24 Oct 2015 6:17
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	53.7	ng	1395720	1	6.75	520054	20.0
p-Heptylacetophenone	11.12	4.2	ng	234872	4	11.28	1116370	20.0
n-Hexadecanoic acid	11.82	4.8	ng	268357	4	11.28	1116370	20.0
3-Eicosene, (E)-	13.81	6.5	ng	346401	5	13.94	1074570	20.0
1-Heptadecene	14.48	4.6	ng	245892	5	13.94	1074570	20.0
13-Octadecenal	14.89	5.7	ng	175648	6	15.41	620978	20.0
Nonadecane	15.08	9.3	ng	289032	6	15.41	620978	20.0
Bromoacetic acid,...	15.13	20.3	ng	629146	6	15.41	620978	20.0
Tetracosane	15.84	14.0	ng	434912	6	15.41	620978	20.0
1-Nonadecene	15.94	18.4	ng	572869	6	15.41	620978	20.0
Oxirane, heptadecyl-	16.58	6.5	ng	202363	6	15.41	620978	20.0
Eicosane	16.85	7.6	ng	235095	6	15.41	620978	20.0
Cycloeicosane	17.02	16.5	ng	511666	6	15.41	620978	20.0
unknown18.24	18.24	7.8	ng	241805	6	15.41	620978	20.0
2-Pentadecanone	18.50	4.8	ng	150299	6	15.41	620978	20.0