LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087200.D
Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

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-BF051716.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	1.713	9	11	22	rVV	1157848	2377026	51.28%	4.431%
2	1.895	24	27	30	rVB	120516	234984	5.07%	0.438%
3	3.198	138	141	150	rVB	23119	57704	1.24%	0.108%
4	3.953	206	207	213	rBV	45314	102628	2.21%	0.191%
5	4.696	268	272	285	rBV	1240782	2343542	50.56%	4.369%
6	5.153	310	312	315	rBV	2993946	3783417	81.62%	7.053%
7	5.553	346	347	360	rVB	130201	188284	4.06%	0.351%
8	6.239	404	407	409	rBV	3968254	4635209	100.00%	8.640%
9	6.342	413	416	418	rBV	4159813	4495176	96.98%	8.379%
10	6.559	433	435	442	rVB	732619	1032604	22.28%	1.925%
11	6.719	447	449	452	rBV	3334056	3051774	65.84%	5.689%
12	7.142	483	486	488	rBV	2751052	2780015	59.98%	5.182%
13	7.279	497	498	503	rVB	41672	58994	1.27%	0.110%
14	7.850	546	548	551	rBV	1463988	1334205	28.78%	2.487%
15	8.936	640	643	645	rBV	4576285	4489933	96.87%	8.370%
16	9.336	676	678	680	rBV	784433	684125	14.76%	1.275%
17	9.542	695	696	698	rBV	93064	126831	2.74%	0.236%
18	9.599	698	701	704	rBV	1600972	1432114	30.90%	2.670%
19	9.782	713	717	718	rBV	26911	49280	1.06%	0.092%
20	10.045	738	740	742	rVB	245225	192683	4.16%	0.359%
21	10.262	756	759	762	rBV	77750	122119	2.63%	0.228%
22	10.388	768	770	773	rBV	2492428	2515242	54.26%	4.689%
23	10.513	779	781	788	rVB	250826	300576	6.48%	0.560%
24	10.708	796	798	800	rBV	33339	49372	1.07%	0.092%
25	10.959	818	820	821	rBV	156857	135078	2.91%	0.252%
26	10.994	821	823	826	rVB	36342	55943	1.21%	0.104%
27	11.074	828	830	834	rVV	1326901	1285865	27.74%	2.397%
28	11.154	834	837	840	rVB3	49314	93522	2.02%	0.174%
29	11.336	848	853	856	rBV3	21098	57966	1.25%	0.108%
30	11.382	856	857	860	rVB	69981	66751	1.44%	0.124%
31	11.634	876	879	882	rBV2	113047	187622	4.05%	0.350%
32	11.679	882	883	888	rVB2	26535	54265	1.17%	0.101%
33	12.171	923	926	928	rVB	133287	211727	4.57%	0.395%
34	12.285	934	936	938	rBV	118254	115475	2.49%	0.215%

LSC Area Percent Report

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Sample : H3115-01
Misc :
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Instrument : BNA_F
ClientSampleId : NC-TS-002RE

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.502	953	955	957	rBV	122486	164616	3.55%	0.307%
36	12.548	957	959	964	rVB2	49334	79086	1.71%	0.147%
37	12.662	966	969	971	rBV	2975663	2959979	63.86%	5.518%
38	12.719	971	974	976	rVB	337704	282524	6.10%	0.527%
39	12.822	981	983	986	rBV2	20839	49725	1.07%	0.093%
40	12.902	987	990	992	rVV	314533	295771	6.38%	0.551%
41	12.937	992	993	998	rVB	27677	50247	1.08%	0.094%
42	13.085	1003	1006	1007	rVB2	34573	60133	1.30%	0.112%
43	13.245	1017	1020	1022	rBV2	47264	75792	1.64%	0.141%
44	13.359	1028	1030	1033	rVB4	44840	47283	1.02%	0.088%
45	13.451	1036	1038	1042	rBV5	22010	59944	1.29%	0.112%
46	13.577	1046	1049	1057	rBV	256227	604591	13.04%	1.127%
47	13.702	1057	1060	1062	rBV	970971	1061343	22.90%	1.978%
48	13.885	1073	1076	1077	rBV	51033	61539	1.33%	0.115%
49	14.182	1100	1102	1103	rBV	175087	216309	4.67%	0.403%
50	14.480	1126	1128	1130	rBV2	59403	70646	1.52%	0.132%
51	14.537	1131	1133	1137	rVV2	48257	80937	1.75%	0.151%
52	14.605	1137	1139	1142	rVV	123780	126924	2.74%	0.237%
53	14.697	1145	1147	1148	rVV	91677	125378	2.70%	0.234%
54	14.765	1151	1153	1155	rVV	379791	436775	9.42%	0.814%
55	14.811	1155	1157	1164	rVV2	109192	363566	7.84%	0.678%
56	14.914	1164	1166	1168	rVV2	38716	61923	1.34%	0.115%
57	15.005	1172	1174	1176	rVV	65918	87621	1.89%	0.163%
58	15.051	1176	1178	1184	rVV	690274	914978	19.74%	1.706%
59	15.245	1193	1195	1198	rBV2	125705	193394	4.17%	0.361%
60	15.360	1203	1205	1209	rVB2	60139	111988	2.42%	0.209%
61	15.440	1209	1212	1215	rBV	276425	400394	8.64%	0.746%
62	15.543	1215	1221	1225	rVV3	94290	349524	7.54%	0.652%
63	15.657	1229	1231	1235	rVB2	113091	201663	4.35%	0.376%
64	15.965	1255	1258	1266	rVB4	52409	142433	3.07%	0.266%
65	16.080	1266	1268	1271	rBV	81206	139678	3.01%	0.260%
66	16.285	1283	1286	1288	rBV	64271	148365	3.20%	0.277%
67	16.423	1296	1298	1300	rBV3	34387	71583	1.54%	0.133%
68	16.651	1316	1318	1322	rBV	42937	109292	2.36%	0.204%
69	16.743	1322	1326	1331	rBV3	236971	801057	17.28%	1.493%
70	16.846	1331	1335	1336	rBV2	90165	207177	4.47%	0.386%
71	16.994	1344	1348	1349	rBV3	84790	200815	4.33%	0.374%

LSC Area Percent Report

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Data File : BF087200.D
Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

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-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.108	1354	1358	1359	rVV3	115704	329227	7.10%	0.614%
73	17.154	1359	1362	1369	rVB3	207510	614630	13.26%	1.146%
74	17.406	1378	1384	1389	rBV4	177772	715605	15.44%	1.334%
75	17.771	1413	1416	1417	rBV3	33181	75560	1.63%	0.141%
76	17.817	1417	1420	1429	rVB3	105830	350032	7.55%	0.652%
77	18.263	1453	1459	1464	rBV5	77508	363807	7.85%	0.678%
78	18.377	1464	1469	1478	rVB	350883	1079277	23.28%	2.012%

Sum of corrected areas: 53645182

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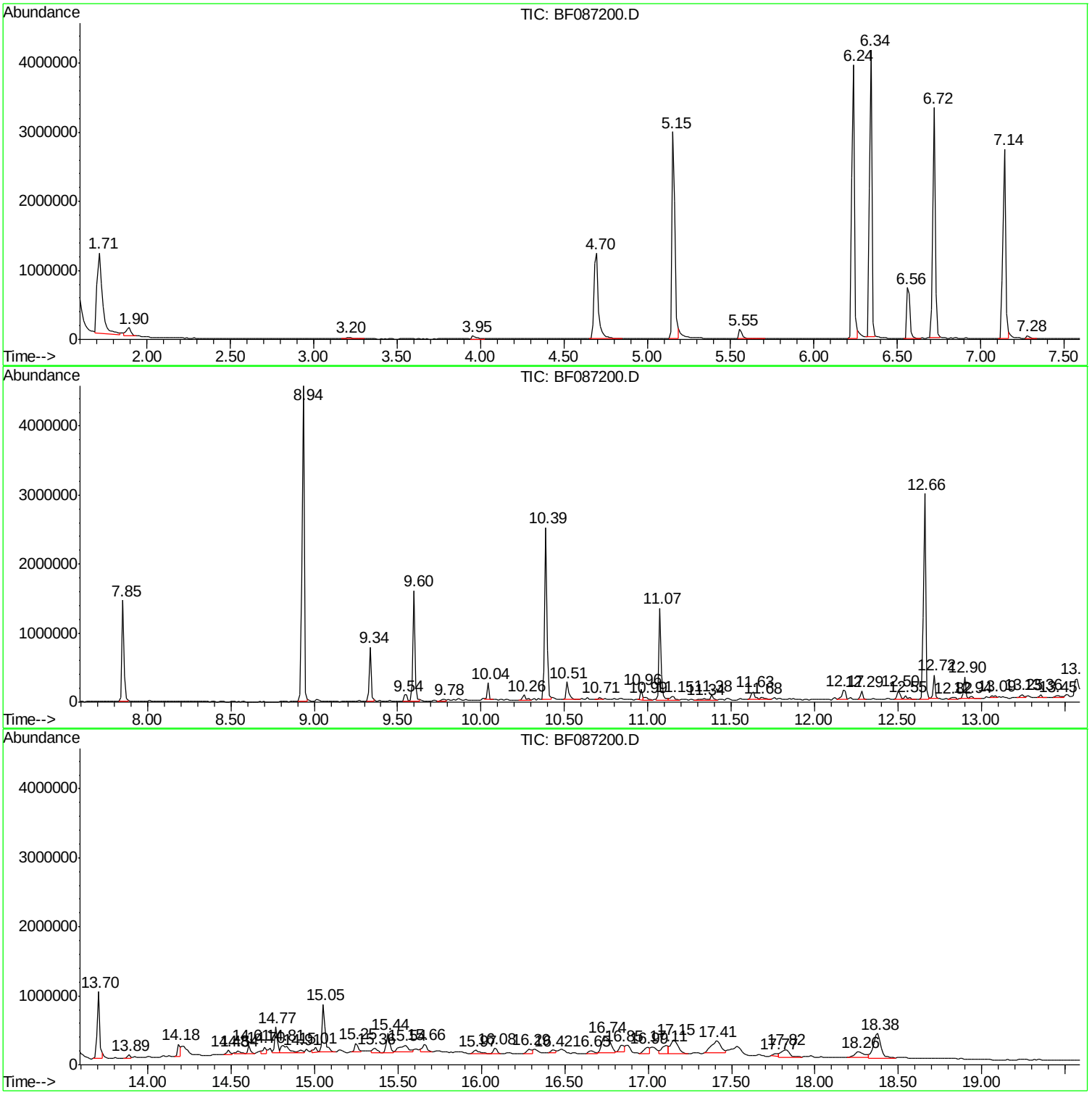
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-002RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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\BF051916\
Data File : BF087200.D
Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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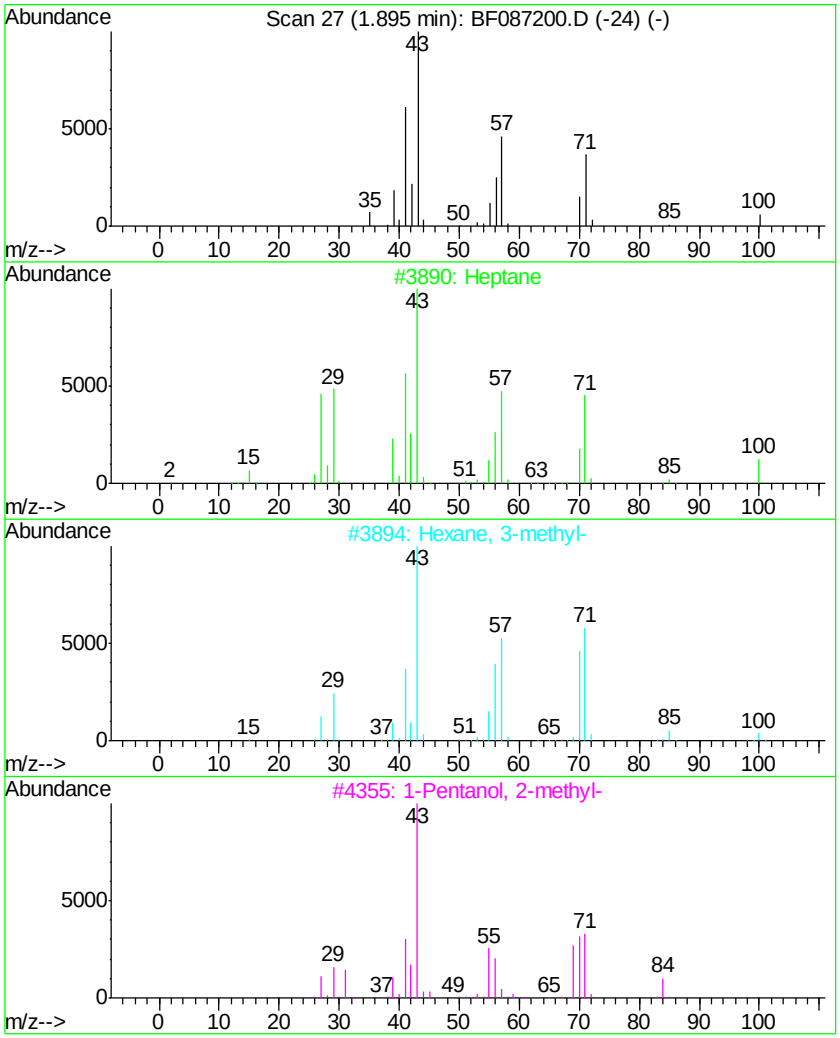
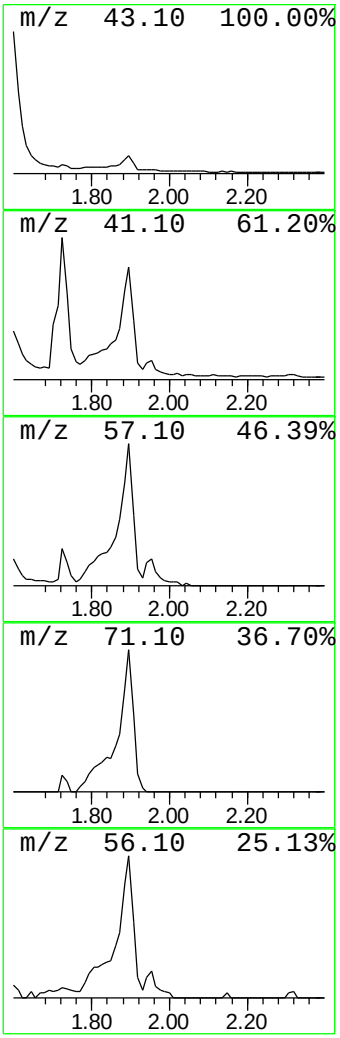
Peak Number 2 Heptane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	4.55 ng	234984	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	64
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	37
3	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	36
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	33
5	Pyrrolidine	71	C4H9N	000123-75-1	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
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Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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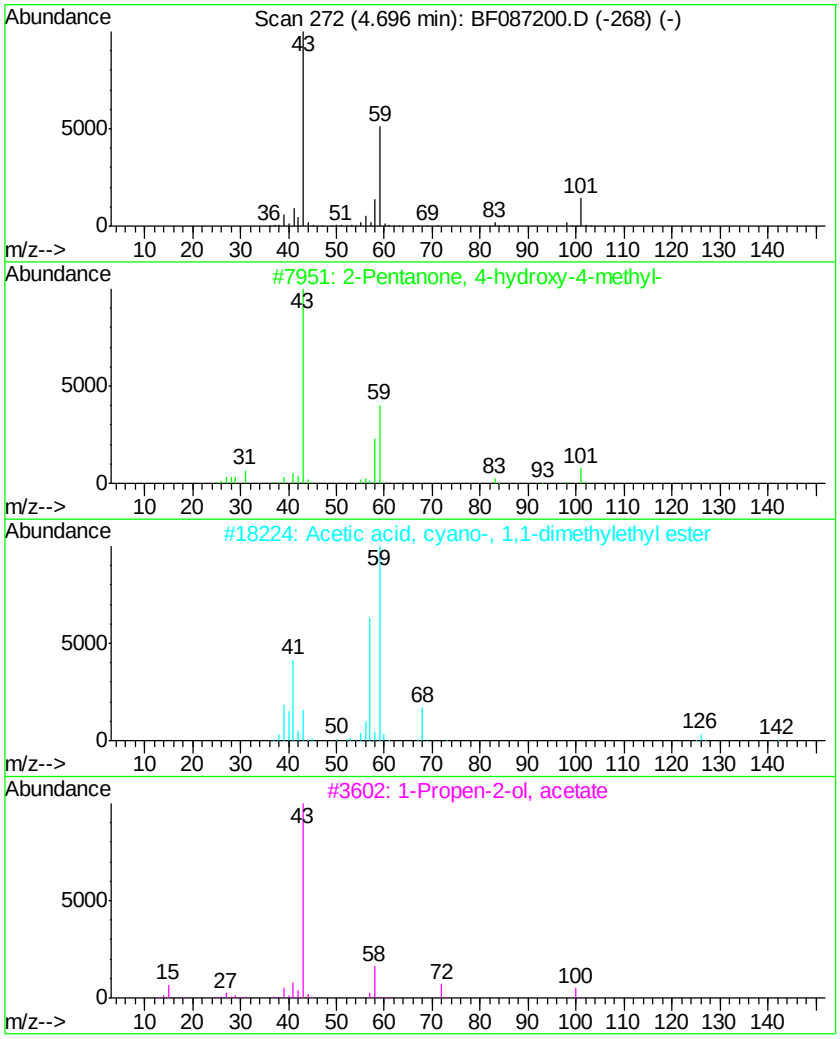
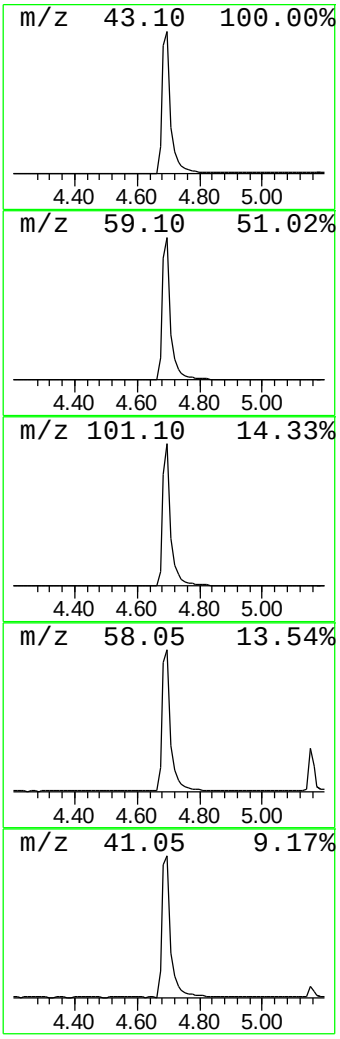
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	45.39 ng	2343540	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087200.D
Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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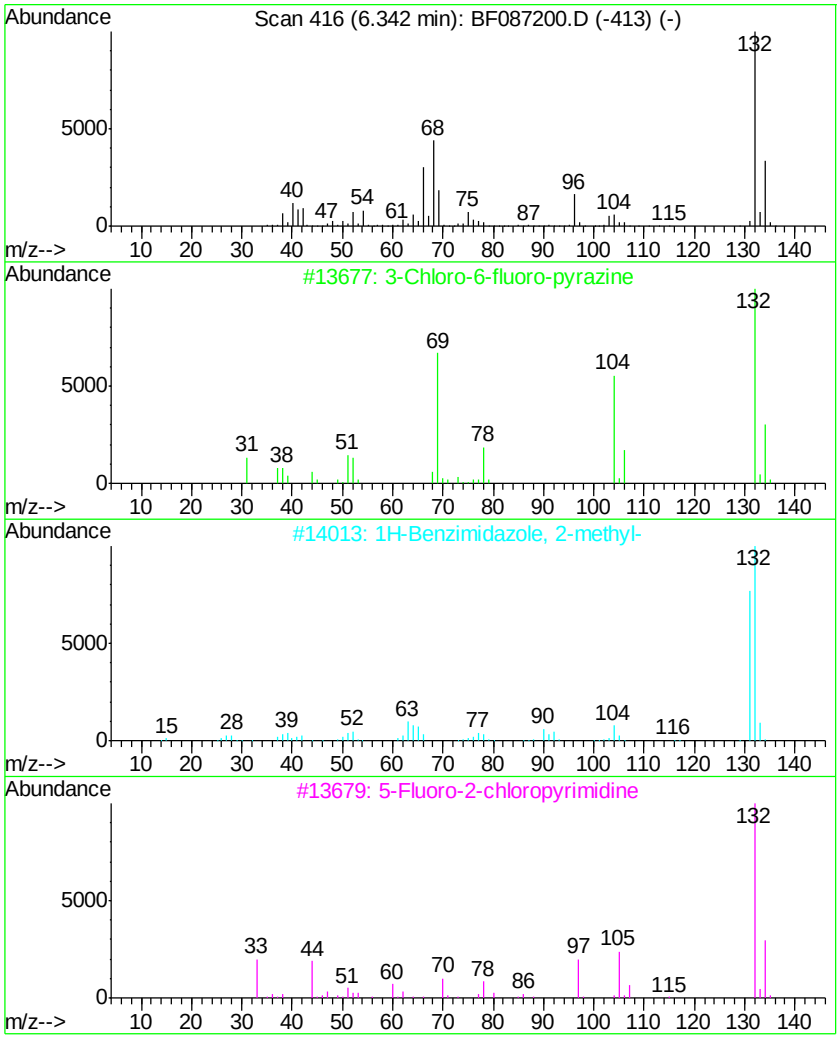
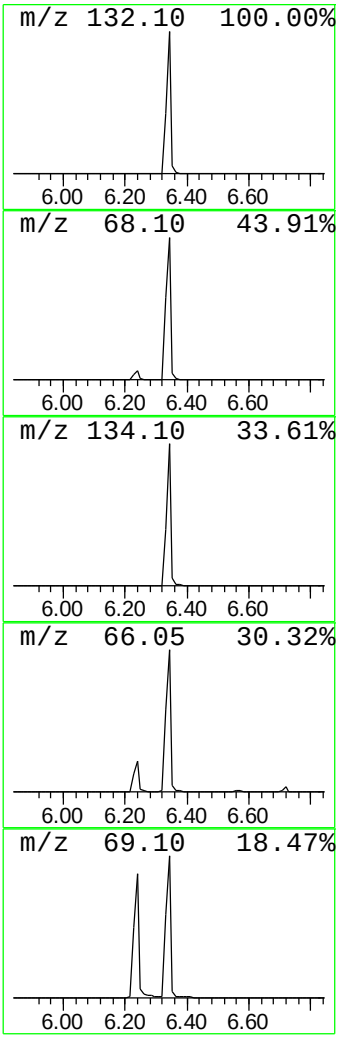
Peak Number 4 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	87.06 ng	4495180	1,4-Dichlorobenzene-d4	6.57

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	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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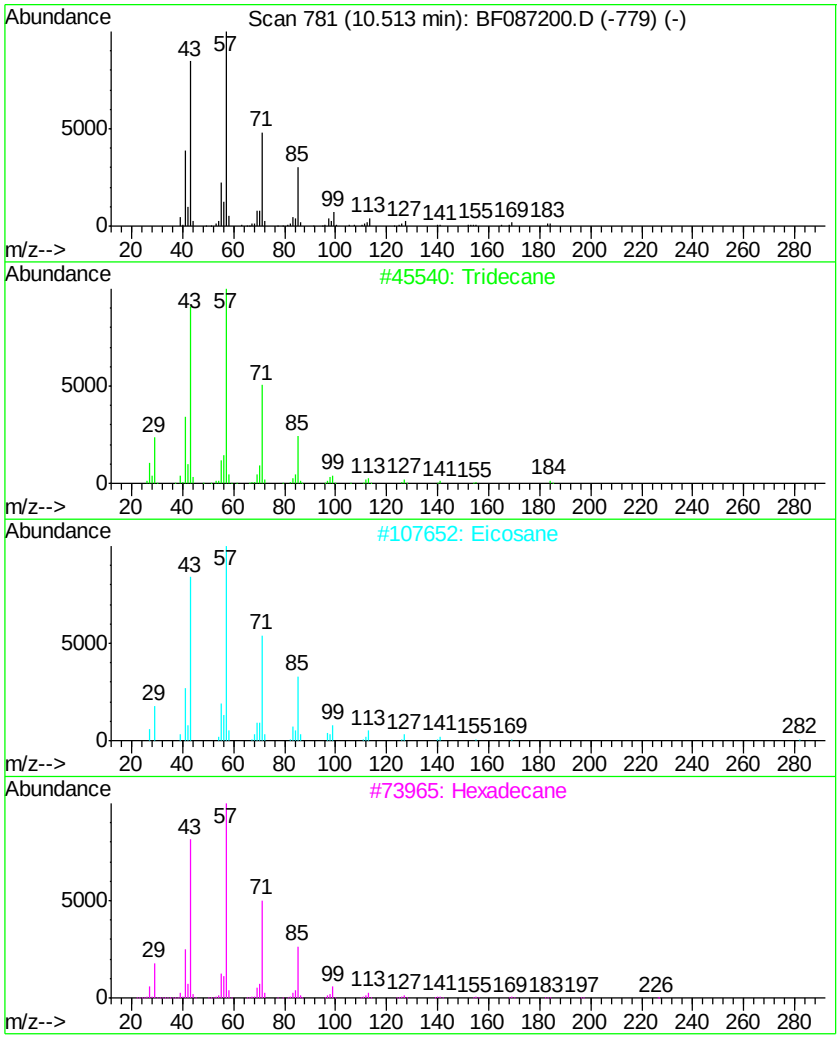
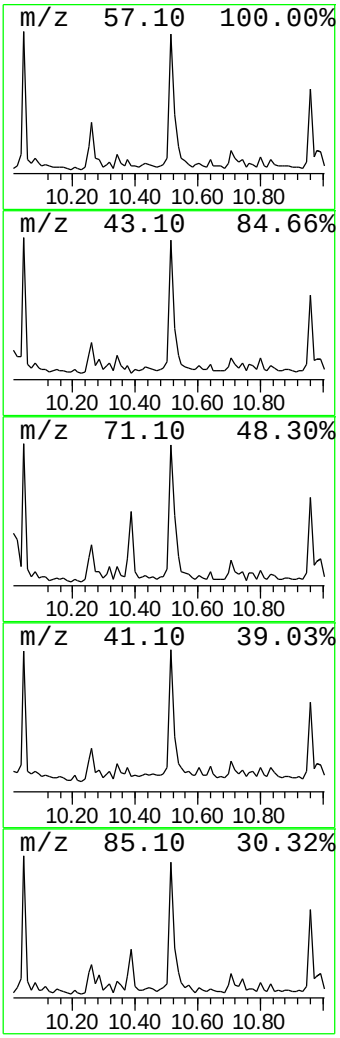
Peak Number 6 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	4.68 ng	300576	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90





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Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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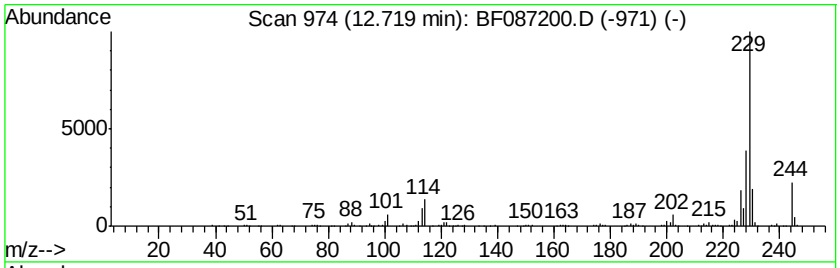
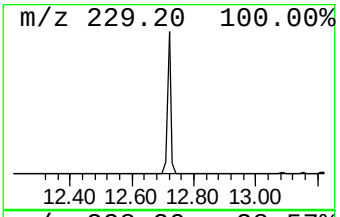
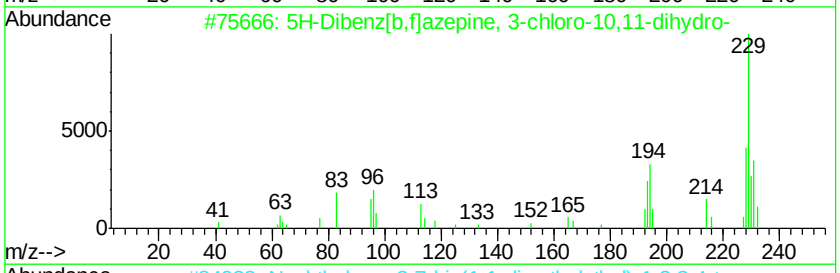
Peak Number 7 5H-Dibenz[b,f]azepine, 3-ch... Concentration Rank 18

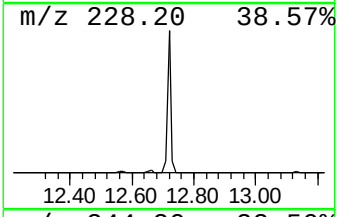
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.32 ng	282524	Chrysene-d12	13.70

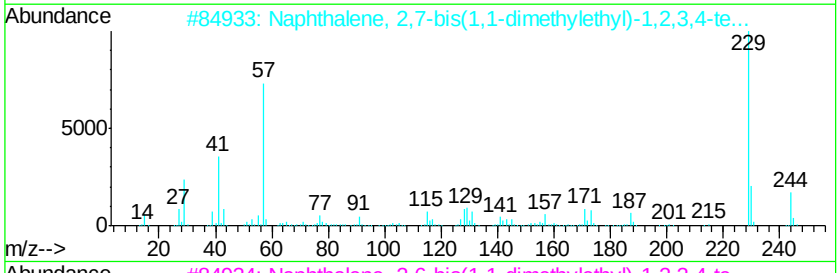
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenz[b,f]azepine, 3-chloro-...	229	C14H12ClN	032943-25-2	50
2	Naphthalene, 2,7-bis(1,1-dimethy...	244	C18H28	043012-91-5	47
3	Naphthalene, 2,6-bis(1,1-dimethy...	244	C18H28	042981-76-0	47
4	Benz[c]acridine	229	C17H11N	000225-51-4	42
5	Benzo(a)acridine	229	C17H11N	000225-11-6	38

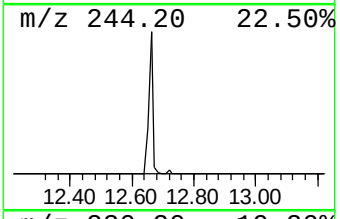


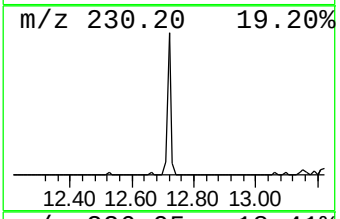


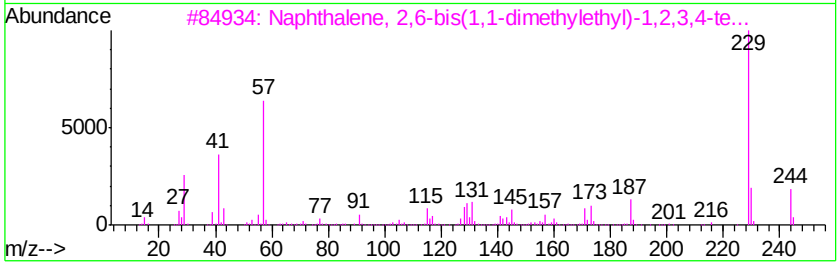


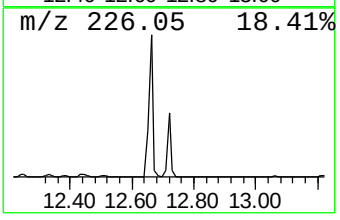












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Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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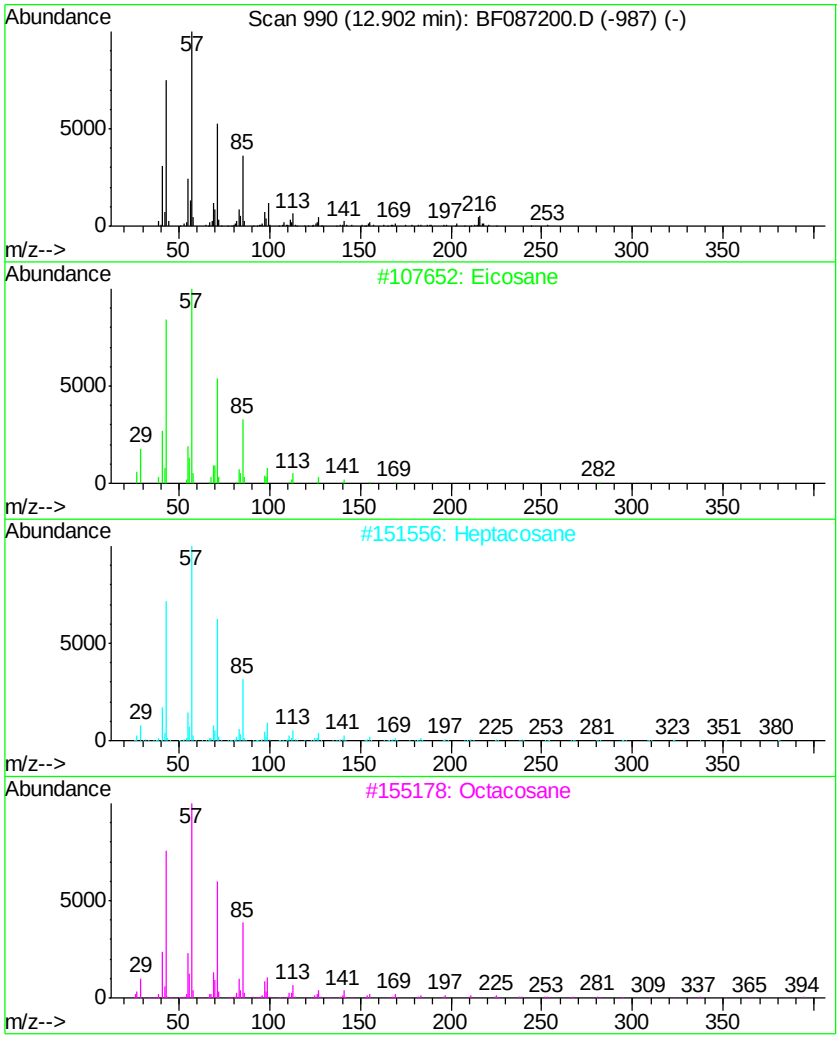
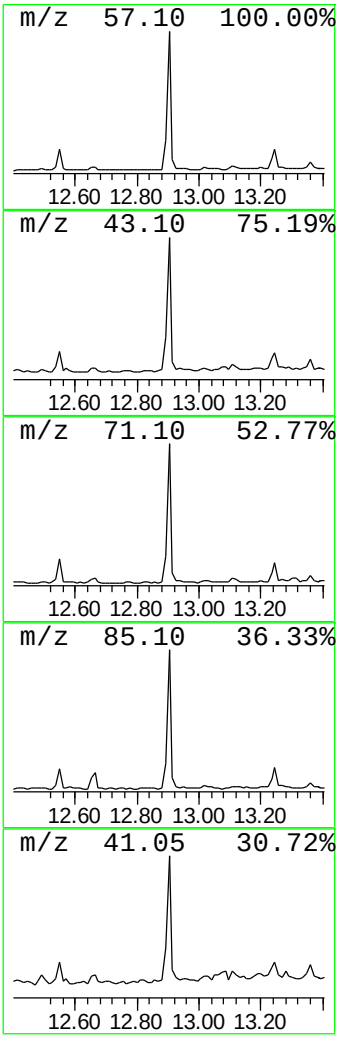
Peak Number 8 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	5.57 ng	295771	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Tetracosane	338	C24H50	000646-31-1	86





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ClientSampleId : NC-TS-002RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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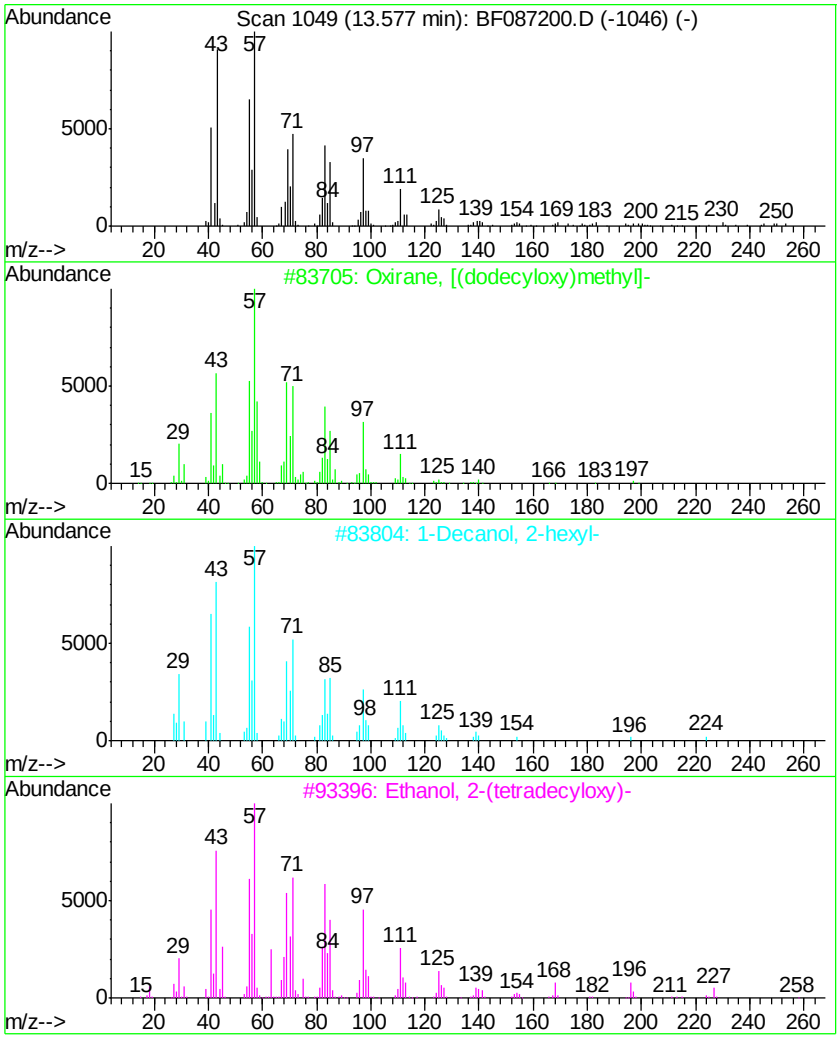
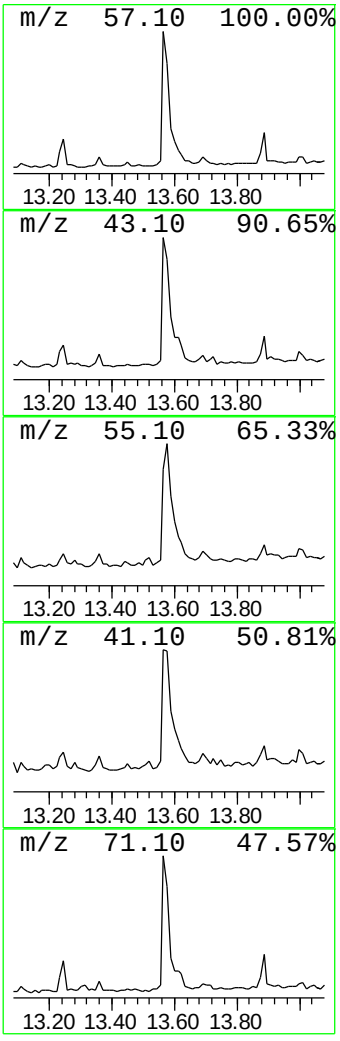
Peak Number 9 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	11.39 ng	604591	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	1-Docosene	308	C22H44	001599-67-3	81
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	81





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : NC-TS-002RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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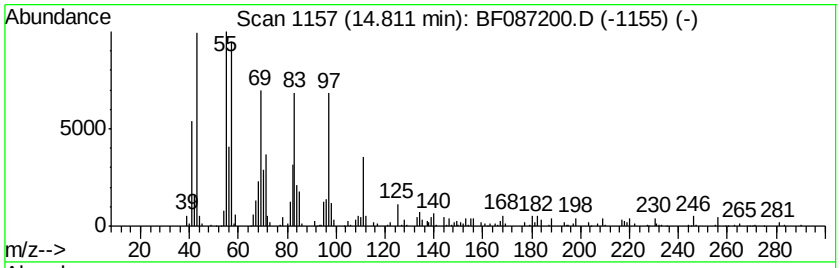
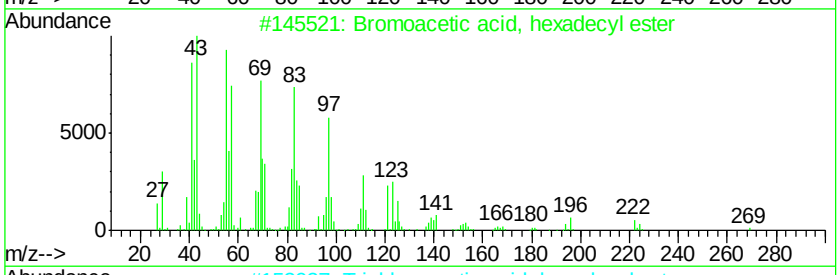
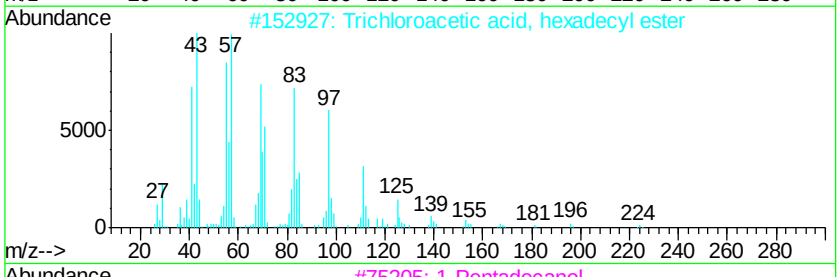
Peak Number 11 Bromoacetic acid, hexadecyl... Concentration Rank 13

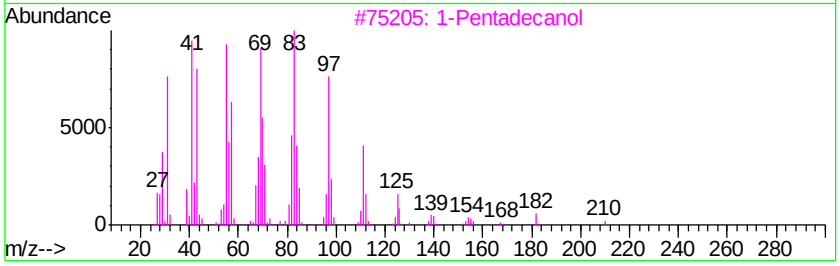
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	7.95 ng	363566	Perylene-d12	15.05

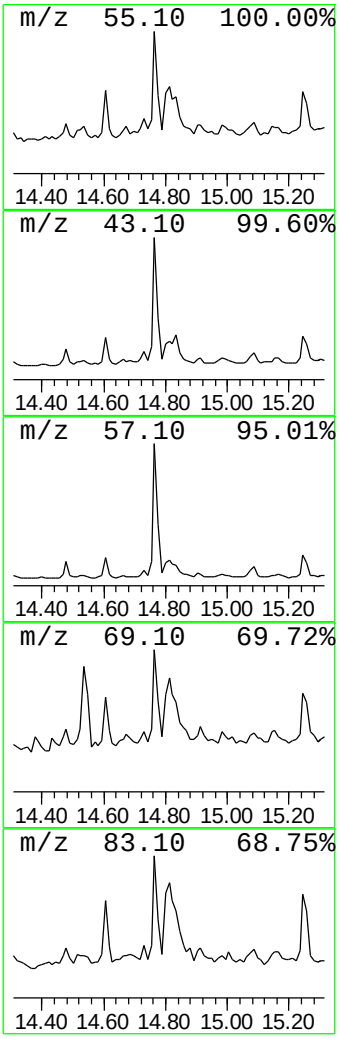
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	80
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80
3	1-Pentadecanol	228	C15H32O	000629-76-5	64
4	1-Nonadecanol	284	C19H40O	001454-84-8	64
5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	62











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Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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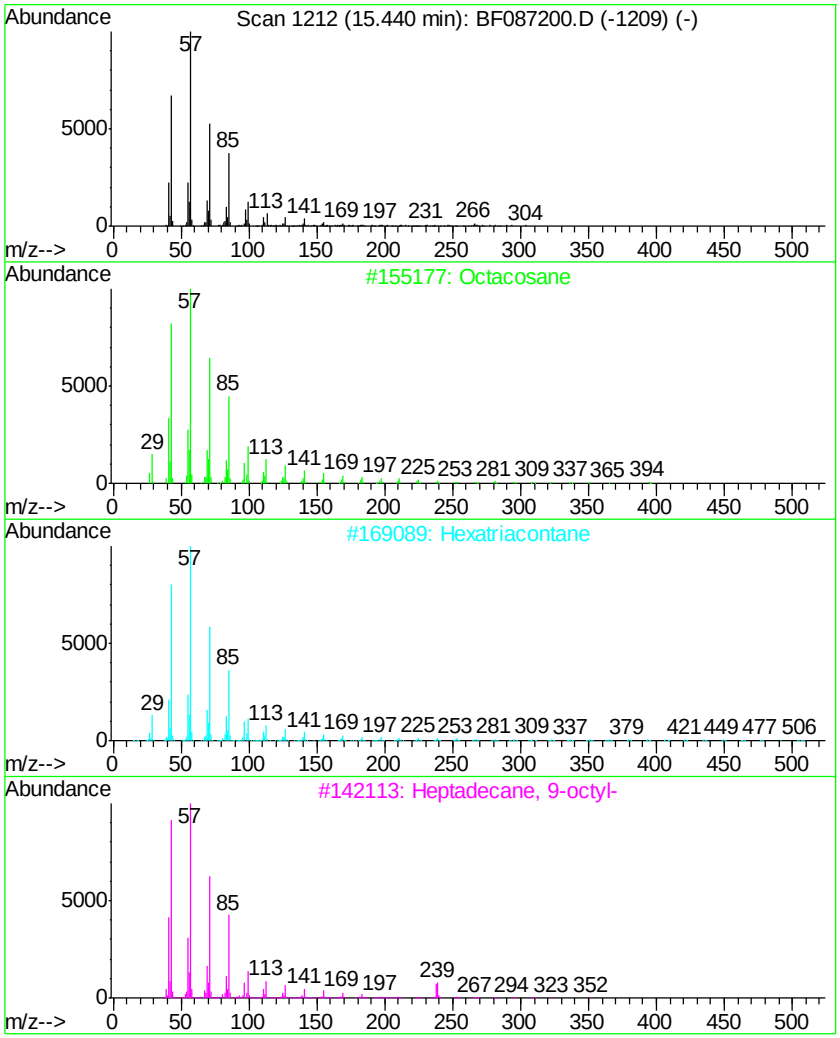
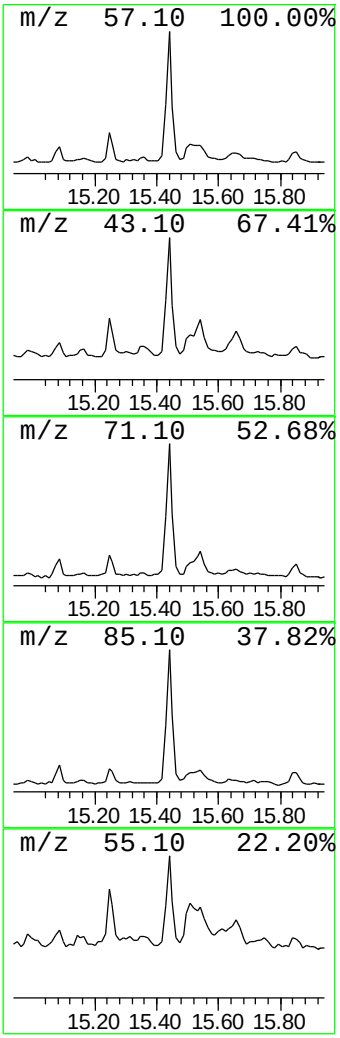
Peak Number 12 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	8.75 ng	400394	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





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Misc :
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ClientSampleId : NC-TS-002RE

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TIC Library : C:\DATABASE\NIST02.L
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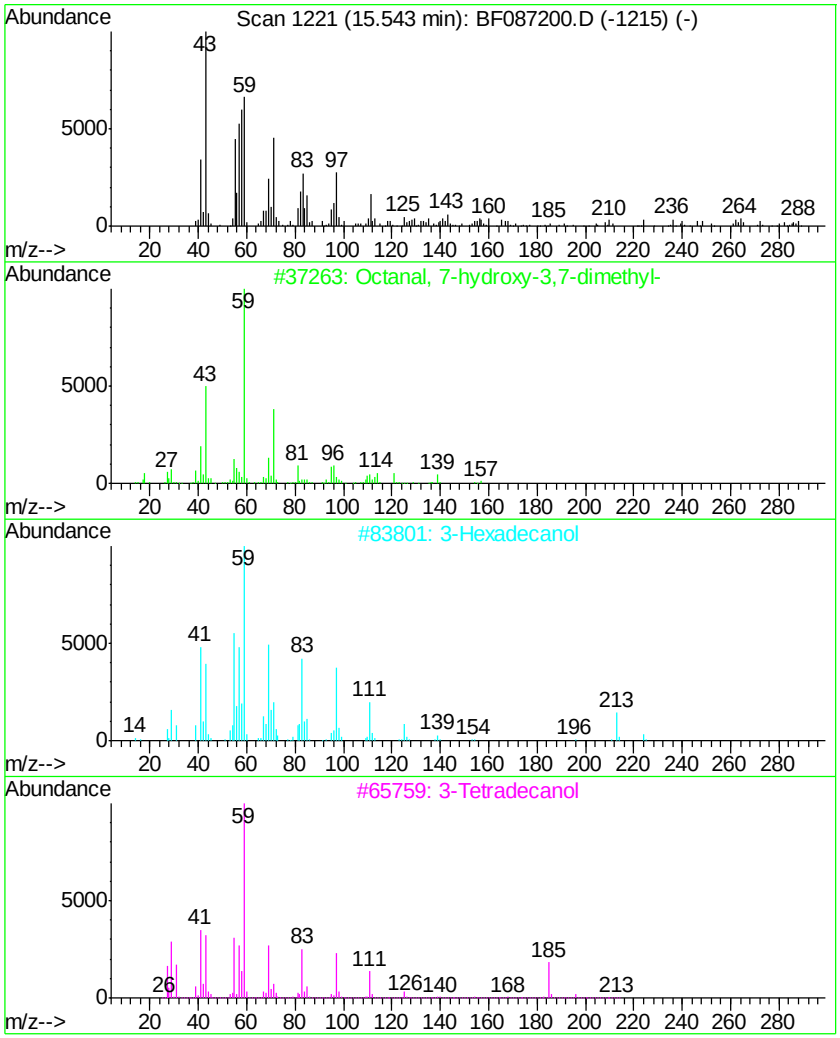
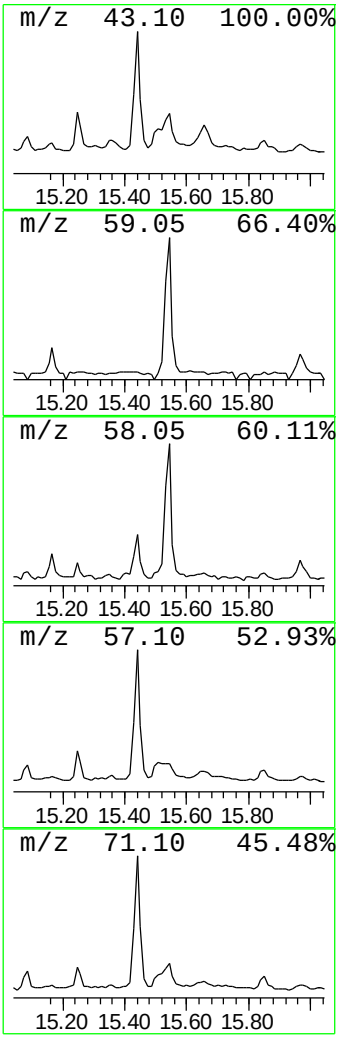
Peak Number 13 unknown15.54 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	7.64 ng	349524	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	38
2	3-Hexadecanol	242	C16H34O	000593-03-3	38
3	3-Tetradecanol	214	C14H30O	001653-32-3	27
4	Diisoamylene	140	C10H20	054063-09-1	22
5	2-Heptanone, 4-methyl-	128	C8H16O	006137-06-0	22





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Sample : H3115-01
Misc :
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Instrument : BNA_F
ClientSampleId : NC-TS-002RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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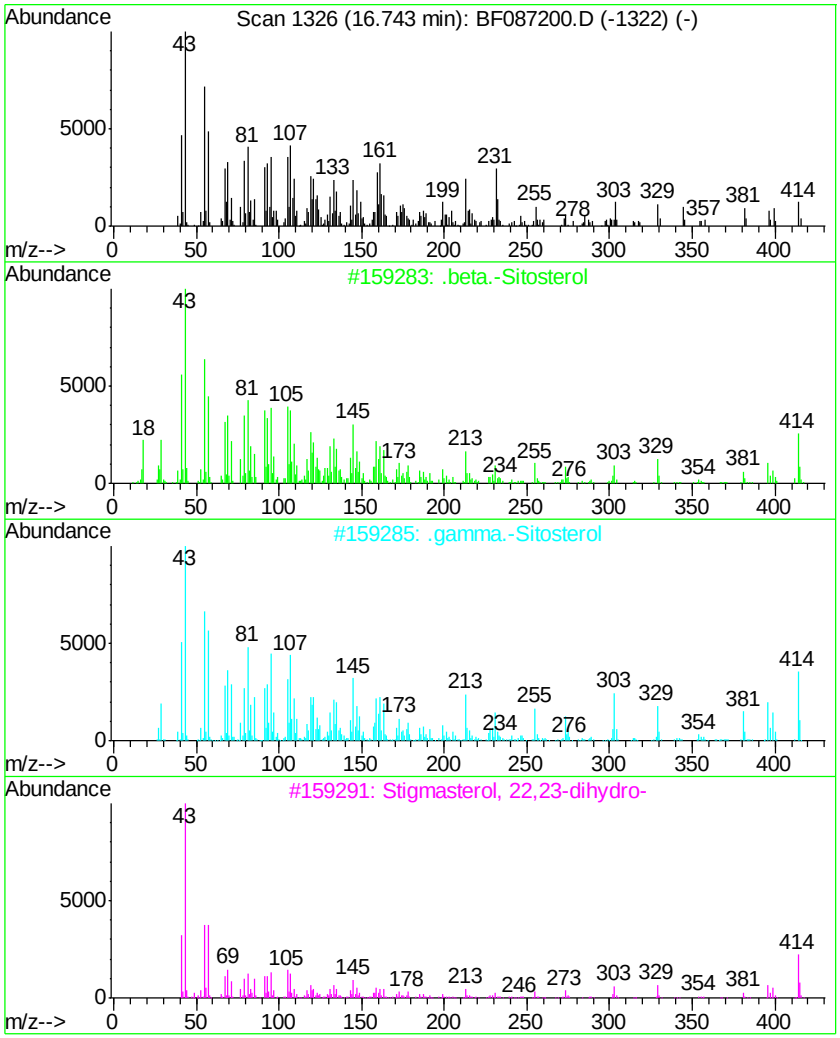
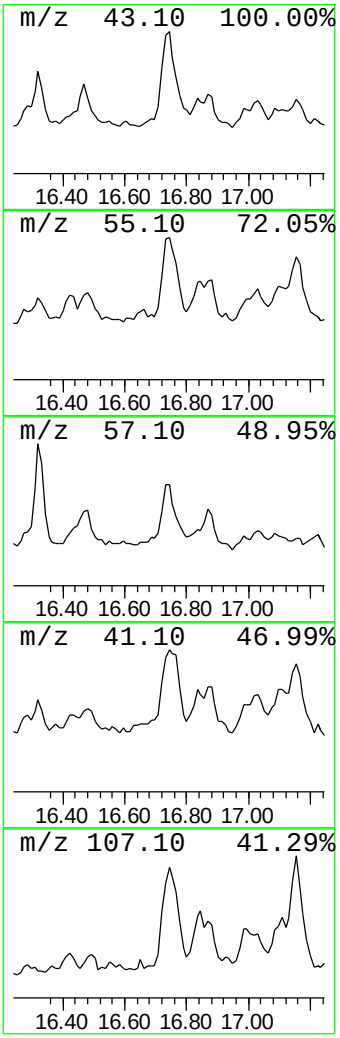
Peak Number 14 .beta.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	17.51 ng	801057	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	80
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	38
4	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	35
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	25





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Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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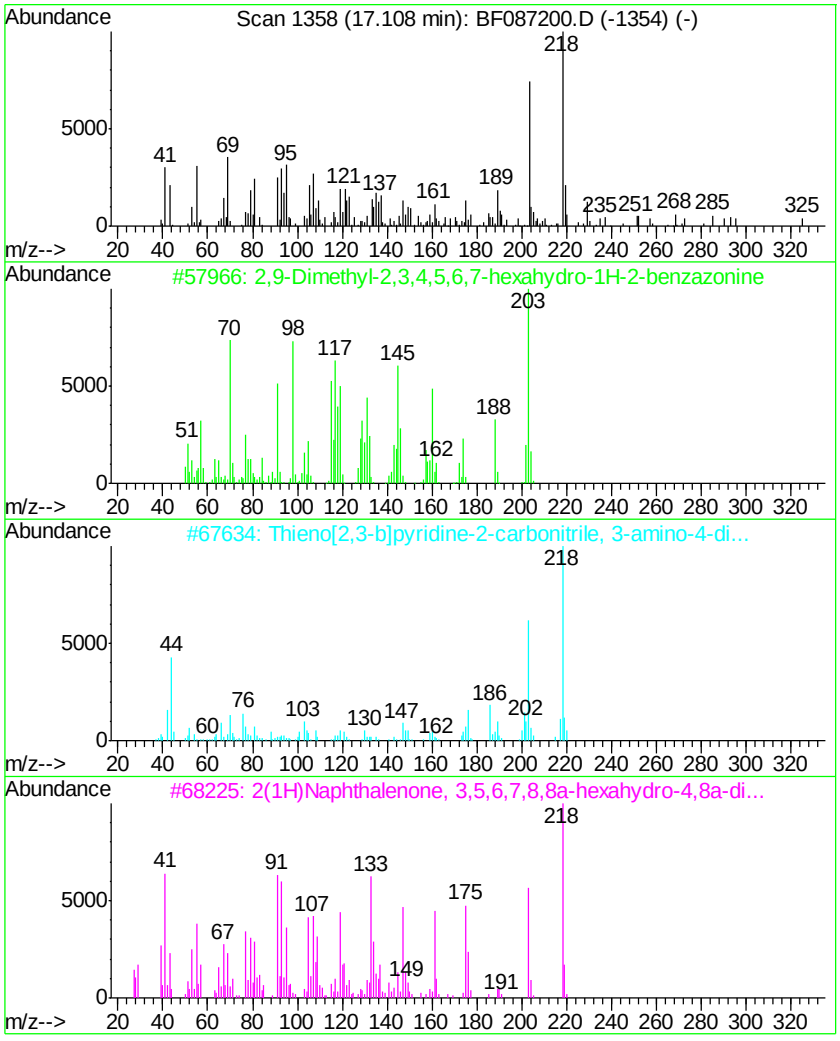
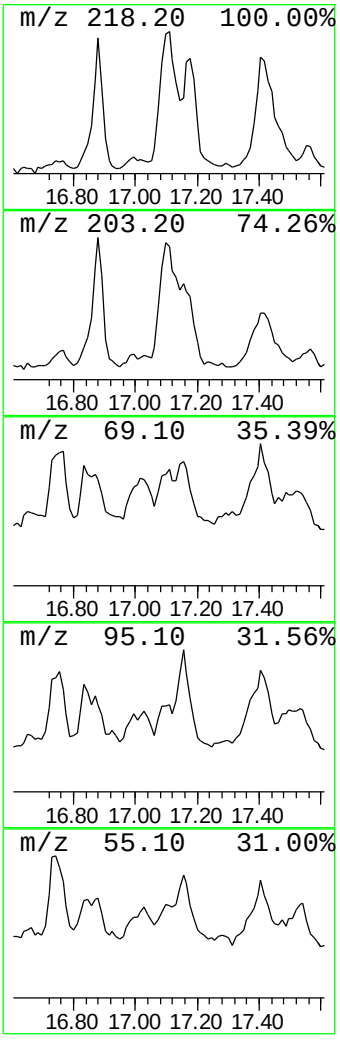
Peak Number 15 2,9-Dimethyl-2,3,4,5,6,7-he... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	7.20 ng	329227	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	60
2	Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	53
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	50
4	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	41
5	4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	38





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Sample : H3115-01
Misc :
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ClientSampleId : NC-TS-002RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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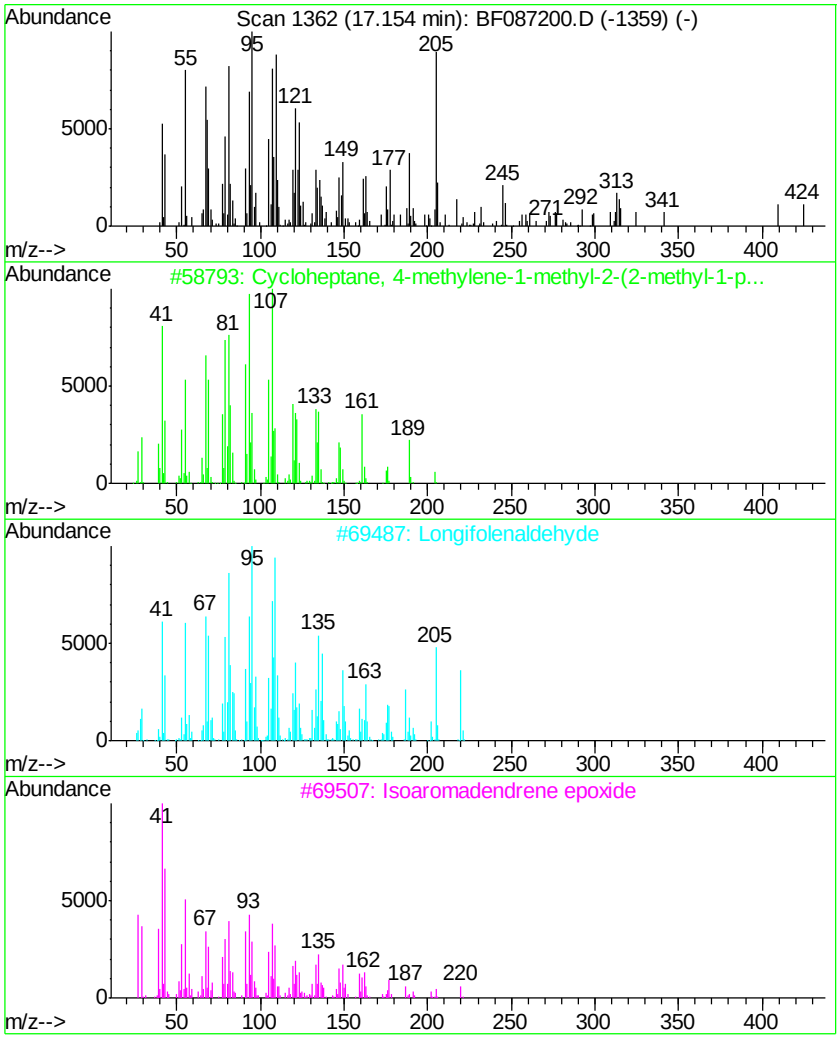
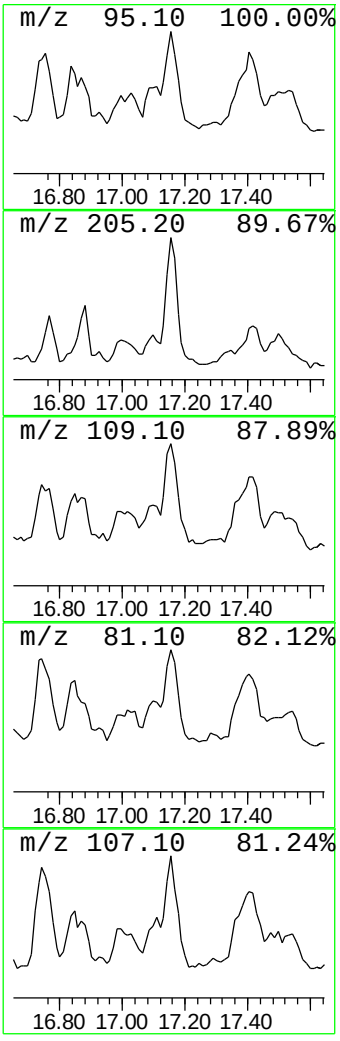
Peak Number 16 Cycloheptane, 4-methylene-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	13.43 ng	614630	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	56
2	Longifolenaldehyde	220	C15H24O	019890-84-7	47
3	Isoaromadendrene epoxide	220	C15H24O	1000159-36-6	22
4	(2R,4R)-p-Mentha-6,8-diene, 2-hy...	168	C10H16O2	1000292-74-2	22
5	Longipinane, (E)-	206	C15H26	1000156-14-5	14





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Instrument : BNA_F
ClientSampleId : NC-TS-002RE

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

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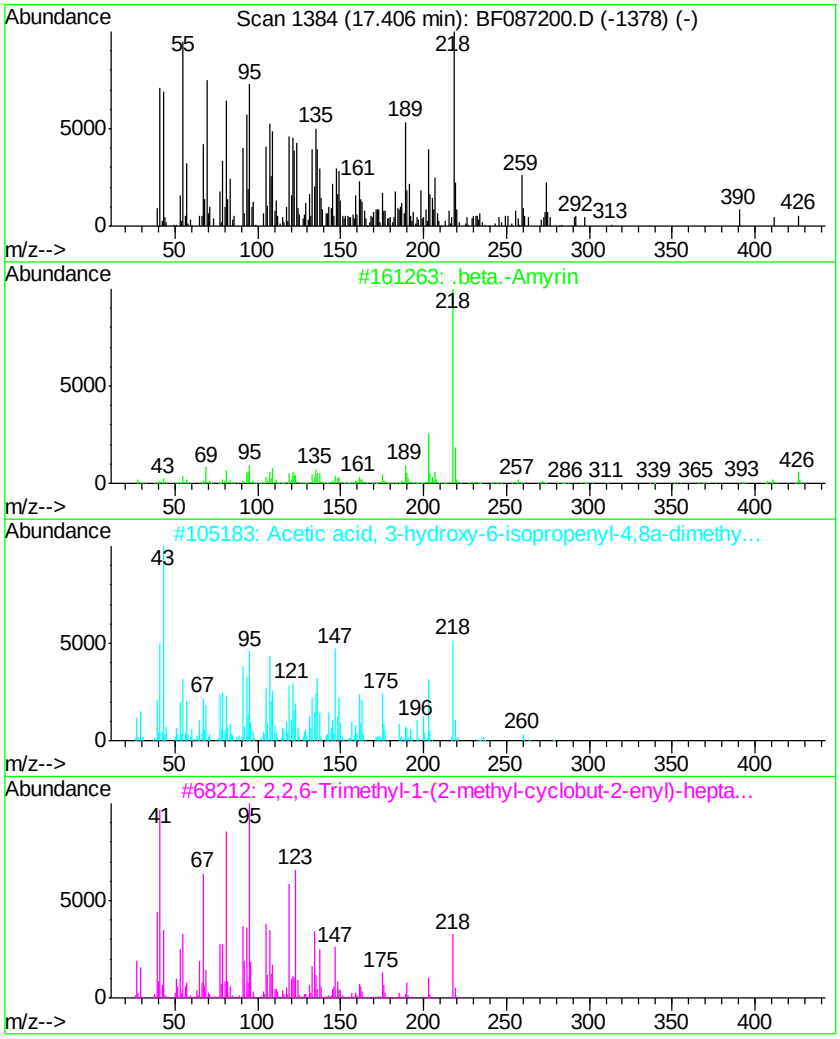
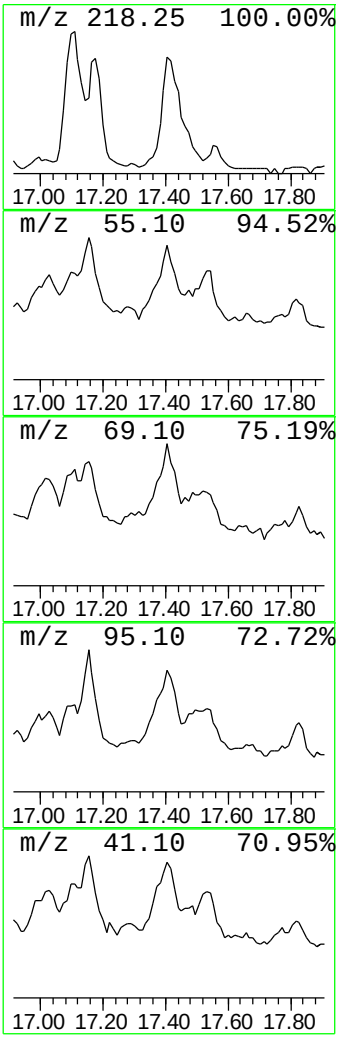
Peak Number 17 .beta.-Amyrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	15.64 ng	715605	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	53
2	Acetic acid, 3-hydroxy-6-isoprop...	278	C17H26O3	1000185-44-8	43
3	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	41
4	.alpha.-Amyrin	426	C30H50O	000638-95-9	41
5	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	38





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ClientSampleId : NC-TS-002RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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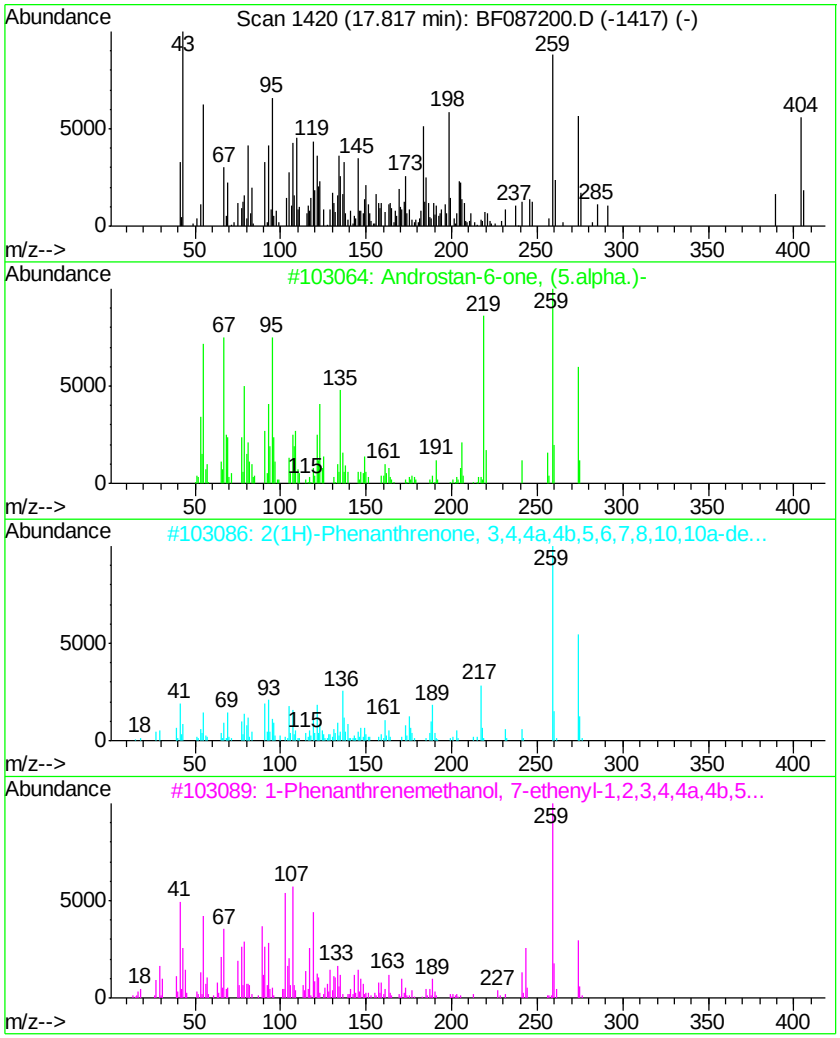
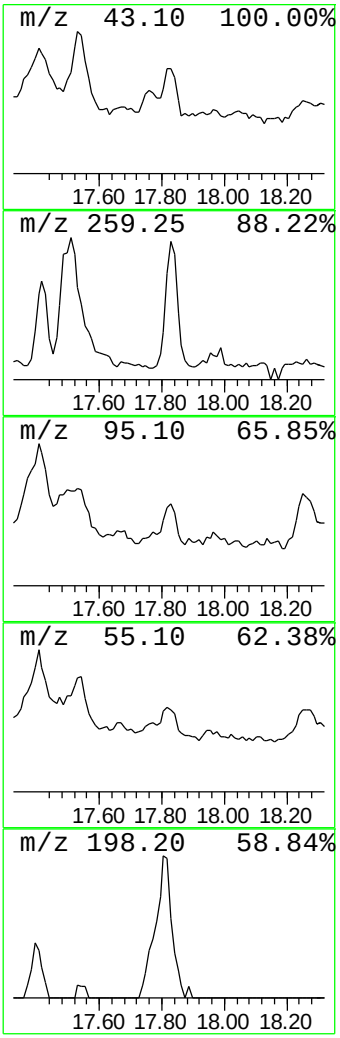
Peak Number 18 Androstan-6-one, (5.alpha.)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.65 ng	350032	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	55
2	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	41
3	1-Phenanthrenemethanol, 7-etheny...	274	C19H30O	057119-13-8	38
4	N-Benzyl-N'-phenyl-p-phenylenedi...	274	C19H18N2	013556-73-5	25
5	1,3-Diethyl-2-hydroxybenzothiazo...	274	C14H14N2O2S	1000227-15-3	22





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

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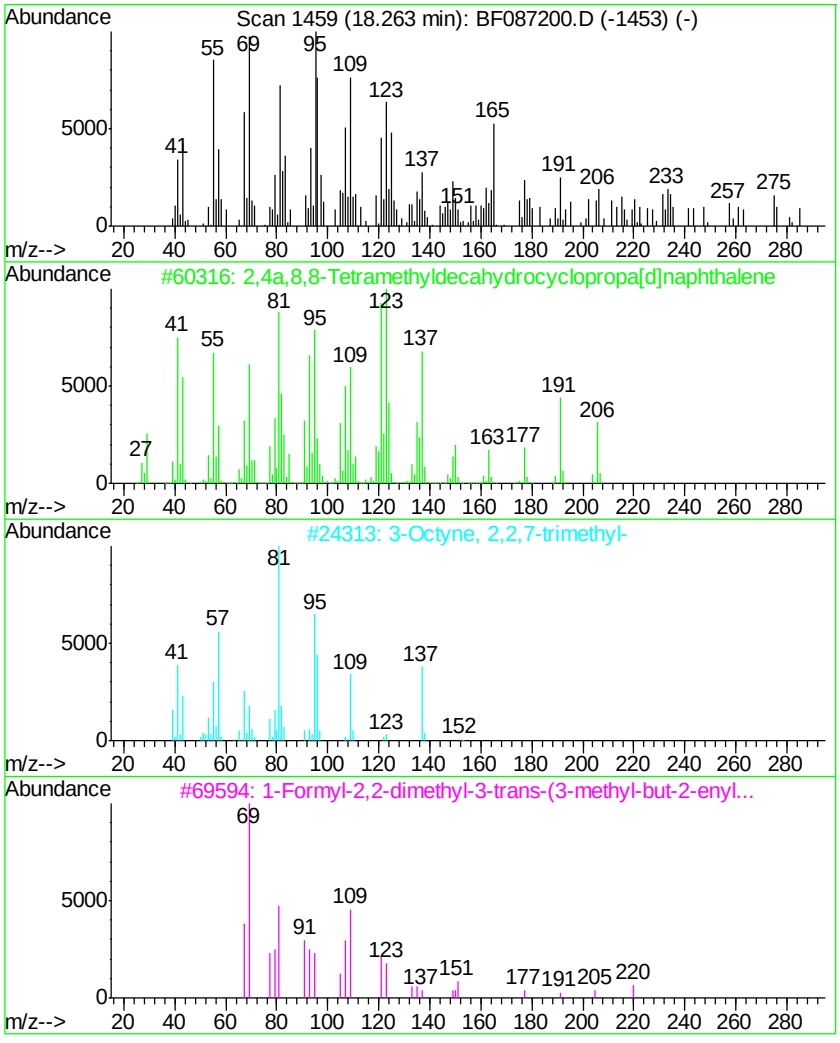
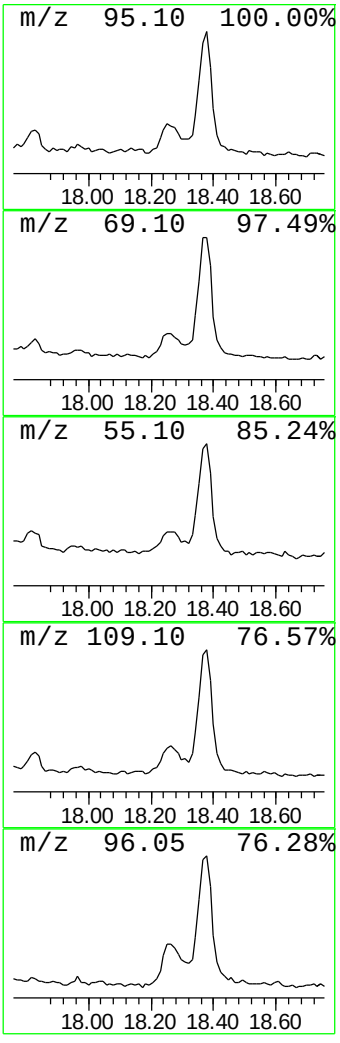
Peak Number 19 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	7.95 ng	363807	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	59
2	3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	46
3	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	41
4	Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	38
5	Cyclohexene, 1-decyl-	222	C16H30	062338-41-4	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087200.D
Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

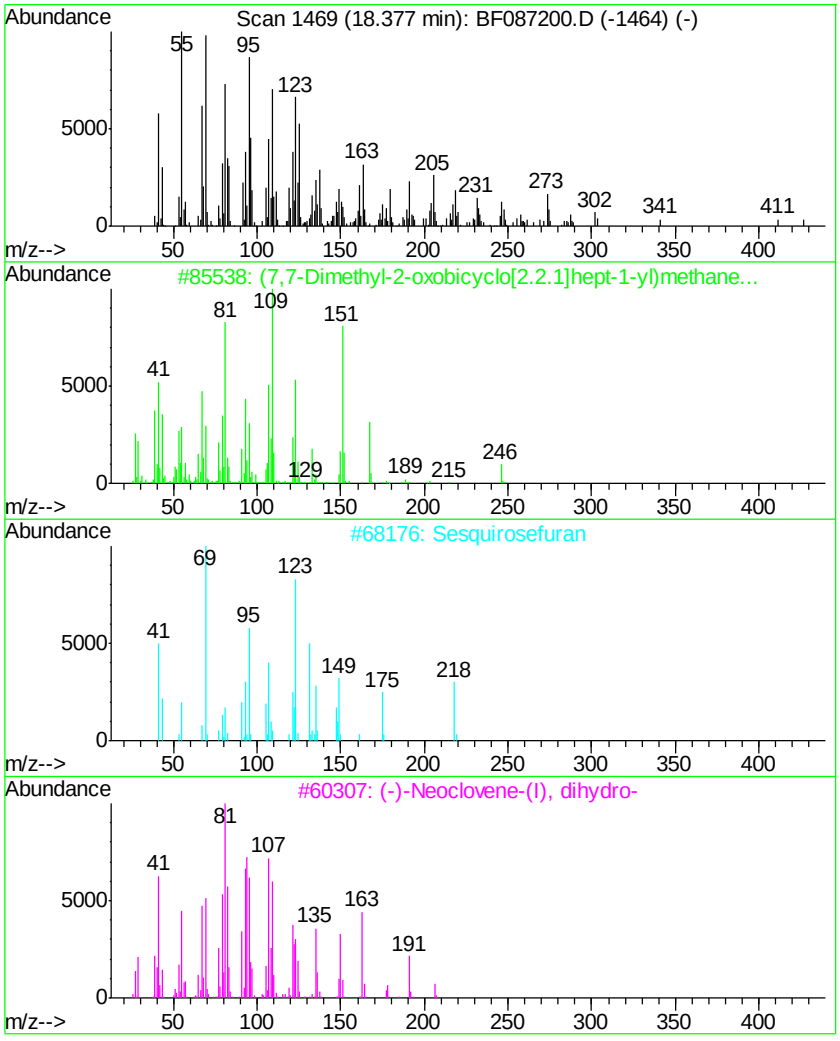
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

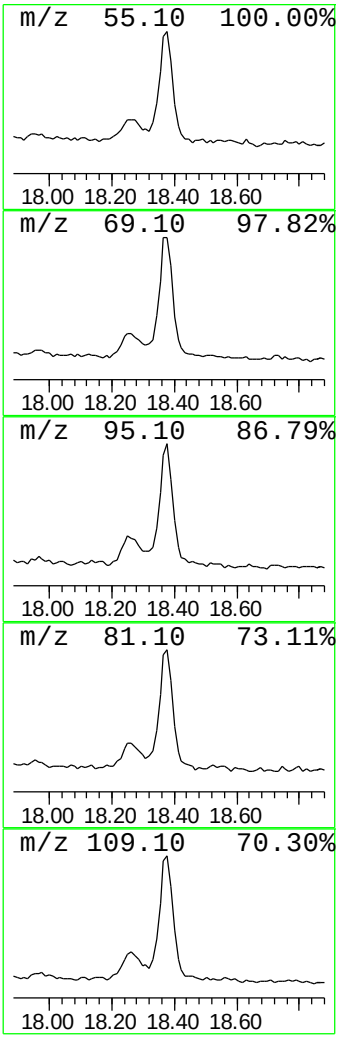
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (7,7-Dimethyl-2-oxobicyclo[... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	23.59 ng	1079280	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	246	C11H18O4S	1000197-55-6	60
2	Sesquirosefuran	218	C15H22O	039007-93-7	46
3	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	41
4	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	38
5	1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087200.D
Acq On : 19 May 2016 21:35
Operator : UM/SJ
Sample : H3115-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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
Heptane	1.90	4.5	ng	234984	1	6.57	1032600	20.0
2-Pentanone, 4-hy...	4.70	45.4	ng	2343540	1	6.57	1032600	20.0
unknown6.34	6.34	87.1	ng	4495180	1	6.57	1032600	20.0
Tridecane	10.51	4.7	ng	300576	4	11.07	1285870	20.0
5H-Dibenz[b,f]aze...	12.72	5.3	ng	282524	5	13.70	1061340	20.0
Eicosane	12.90	5.6	ng	295771	5	13.70	1061340	20.0
Oxirane, [(dodecy...	13.58	11.4	ng	604591	5	13.70	1061340	20.0
Bromoacetic acid,...	14.81	8.0	ng	363566	6	15.05	914978	20.0
Octacosane	15.44	8.8	ng	400394	6	15.05	914978	20.0
unknown15.54	15.54	7.6	ng	349524	6	15.05	914978	20.0
.beta.-Sitosterol	16.74	17.5	ng	801057	6	15.05	914978	20.0
2,9-Dimethyl-2,3,...	17.11	7.2	ng	329227	6	15.05	914978	20.0
Cycloheptane, 4-m...	17.15	13.4	ng	614630	6	15.05	914978	20.0
.beta.-Amyrin	17.41	15.6	ng	715605	6	15.05	914978	20.0
Androstan-6-one, ...	17.82	7.7	ng	350032	6	15.05	914978	20.0
2,4a,8,8-Tetramet...	18.26	8.0	ng	363807	6	15.05	914978	20.0
(7,7-Dimethyl-2-o...	18.38	23.6	ng	1079280	6	15.05	914978	20.0