LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-4-26-16

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-BF042716.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	4.921	246	248	253	rBV	55280	73215	1.74%	0.207%
2	5.356	283	286	288	rBV	1381429	1837777	43.63%	5.189%
3	5.767	319	322	332	rVB	21271	46983	1.12%	0.133%
4	6.396	375	377	384	rBV	1235014	1303506	30.95%	3.680%
5	6.533	386	389	391	rBV	3584073	3574279	84.86%	10.091%
6	6.762	407	409	419	rBV	829980	926403	21.99%	2.616%
7	6.922	420	423	424	rVV	3397220	3136354	74.46%	8.855%
8	6.944	424	425	430	rVB	494278	426358	10.12%	1.204%
9	7.333	456	459	461	rBV	2614831	2722894	64.65%	7.688%
10	7.722	490	493	497	rBV	50348	69655	1.65%	0.197%
11	7.790	497	499	501	rBV2	72758	89356	2.12%	0.252%
12	7.847	501	504	507	rVB2	95536	114186	2.71%	0.322%
13	8.053	519	522	524	rBV	1104091	1192968	28.32%	3.368%
14	8.122	527	528	531	rVB	63513	70003	1.66%	0.198%
15	8.305	541	544	545	rBV	35371	44007	1.04%	0.124%
16	8.430	551	555	557	rBV2	63441	110645	2.63%	0.312%
17	8.522	558	563	569	rVB3	69406	120936	2.87%	0.341%
18	8.716	577	580	582	rBV	72120	76609	1.82%	0.216%
19	8.865	590	593	595	rBV2	136961	179787	4.27%	0.508%
20	9.128	613	616	619	rBV	3877790	4211947	100.00%	11.892%
21	9.310	630	632	636	rVB4	31641	68365	1.62%	0.193%
22	9.379	636	638	643	rBV4	28923	93612	2.22%	0.264%
23	9.459	643	645	647	rBV3	42730	60526	1.44%	0.171%
24	9.528	649	651	652	rVV	73152	80370	1.91%	0.227%
25	9.596	656	657	660	rVB3	42142	46714	1.11%	0.132%
26	9.665	660	663	665	rBV	48215	68788	1.63%	0.194%
27	9.802	672	675	676	rBV	1449568	1337701	31.76%	3.777%
28	9.836	676	678	680	rVB	1173298	1113002	26.42%	3.142%
29	10.236	711	713	715	rVB2	41746	64013	1.52%	0.181%
30	10.351	721	723	725	rBV	59287	73248	1.74%	0.207%
31	10.431	727	730	731	rBV3	30471	66333	1.57%	0.187%
32	10.465	731	733	736	rVV3	33264	65344	1.55%	0.184%
33	10.522	736	738	741	rVV4	37348	67636	1.61%	0.191%
34	10.591	741	744	751	rVV	2927025	3172852	75.33%	8.958%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-4-26-16

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.716	753	755	759	rVB	139021	196170	4.66%	0.554%
36	11.162	792	794	796	rBV	90792	100624	2.39%	0.284%
37	11.219	797	799	802	rBV2	46767	86957	2.06%	0.246%
38	11.276	802	804	807	rBV	933338	1238665	29.41%	3.497%
39	11.505	822	824	829	rBV	56804	83594	1.98%	0.236%
40	12.694	927	928	931	rBV	153958	163503	3.88%	0.462%
41	12.751	931	933	938	rVB2	45495	87303	2.07%	0.246%
42	12.865	941	943	946	rBV	2930345	4182912	99.31%	11.810%
43	13.105	962	964	969	rVB	76460	85346	2.03%	0.241%
44	13.402	988	990	992	rBV	122595	106659	2.53%	0.301%
45	13.448	992	994	999	rVB	81751	108905	2.59%	0.307%
46	13.768	1020	1022	1026	rBV2	93006	140926	3.35%	0.398%
47	13.905	1032	1034	1045	rVV	700838	1098035	26.07%	3.100%
48	14.088	1048	1050	1053	rVB	61229	58203	1.38%	0.164%
49	14.397	1075	1077	1084	rVB	41157	61378	1.46%	0.173%
50	15.002	1128	1130	1141	rVB2	29370	72778	1.73%	0.205%
51	15.300	1153	1156	1159	rBV	559673	841345	19.98%	2.375%

Sum of corrected areas: 35419675

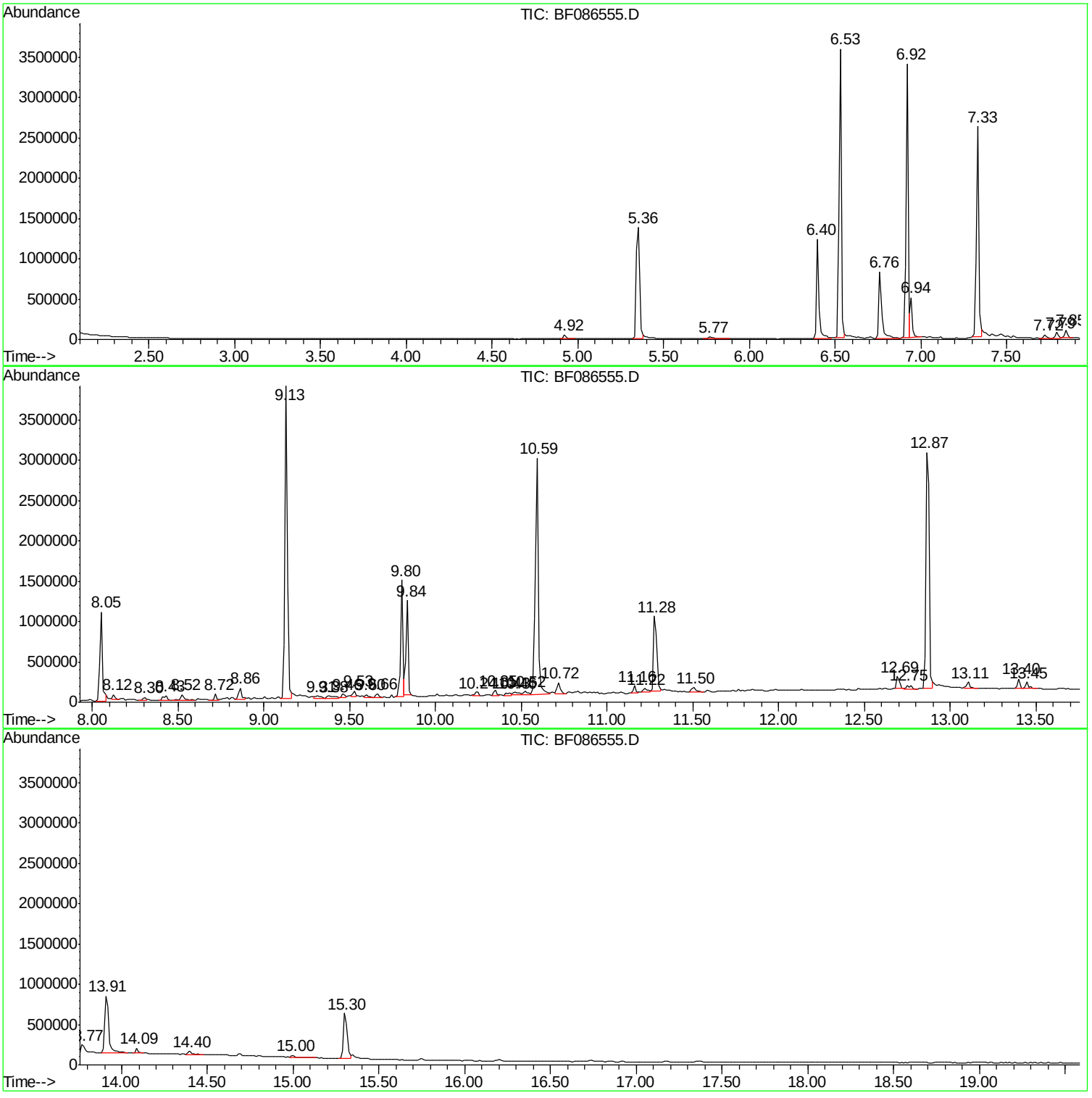
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE-4-26-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE-4-26-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

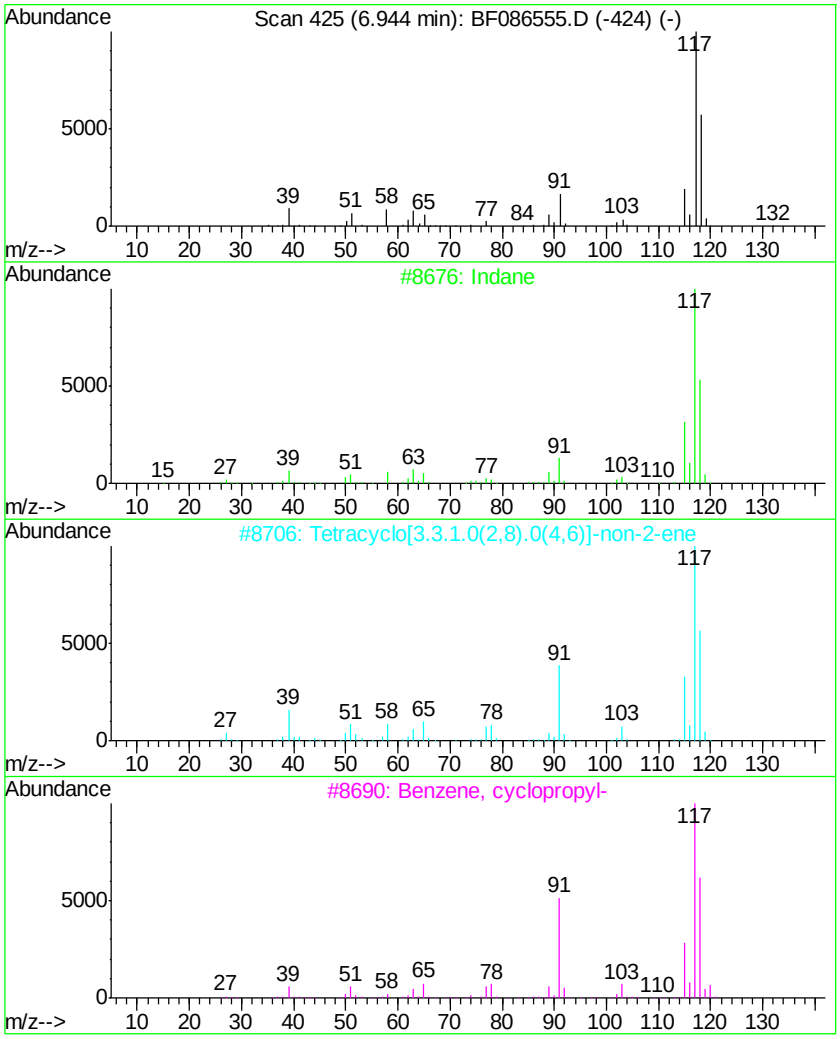
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

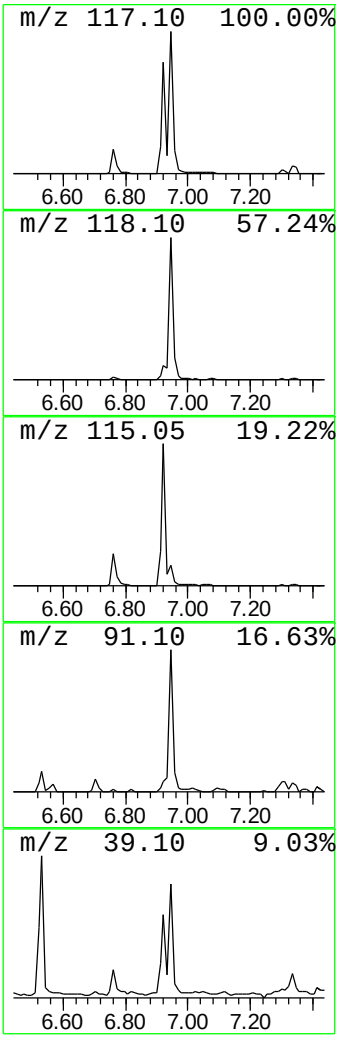
****

Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	9.20 ng	426358	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE-4-26-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

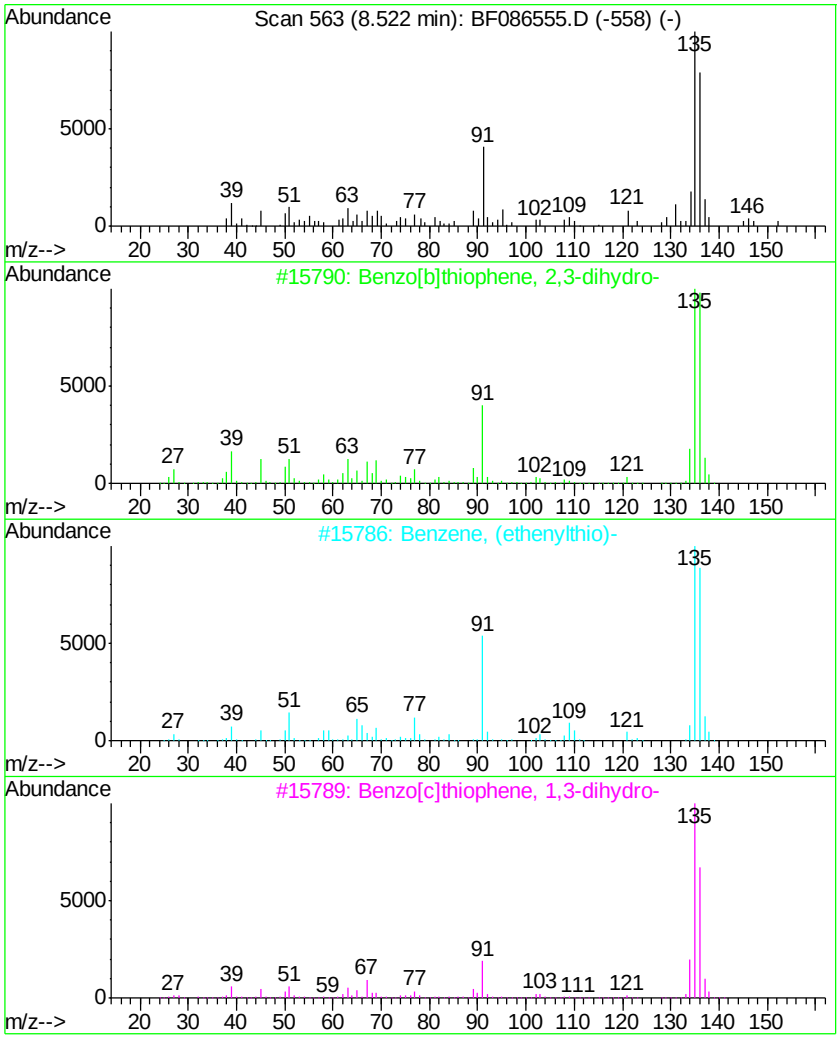
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

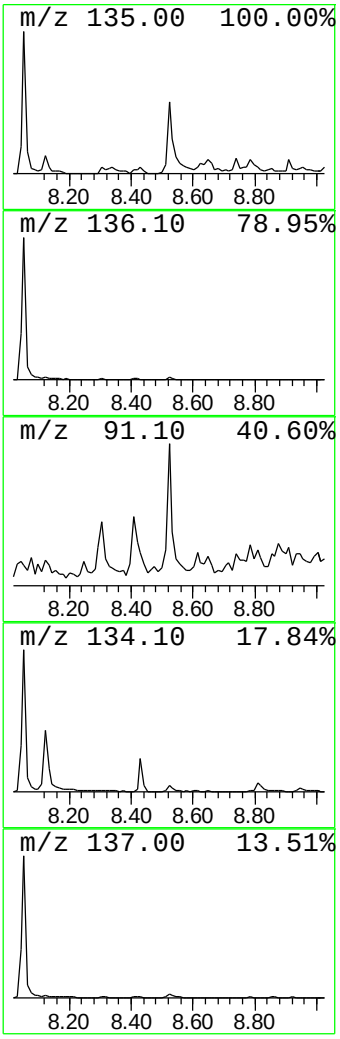
****

Peak Number 4 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.03 ng	120936	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	95
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	83
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
4	2,3-Dimethyl-5-ethylpyrazine	136	C8H12N2	015707-34-3	72
5	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-4-26-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

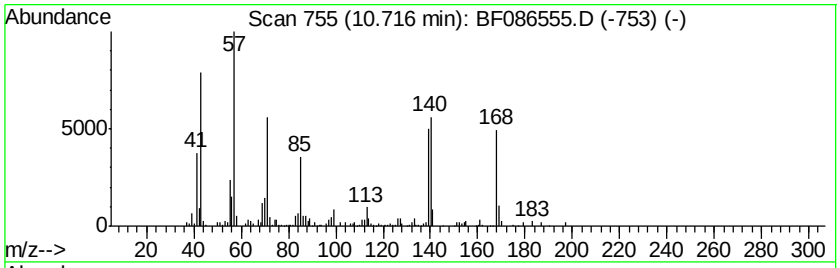
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

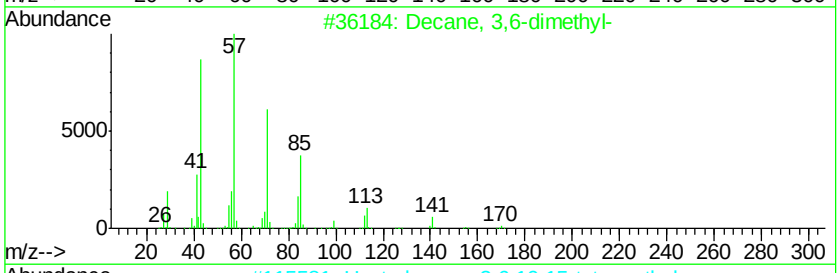
****

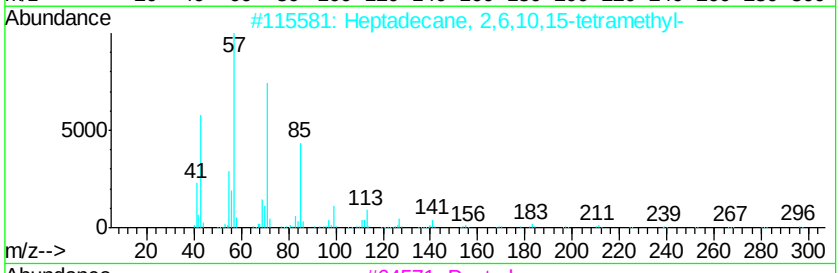
Peak Number 5 unknown10.72 Concentration Rank 4

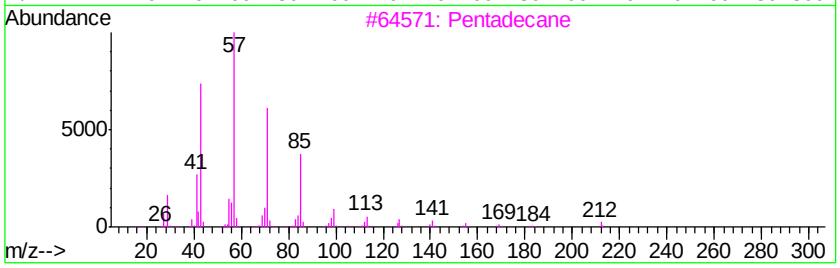
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	3.17 ng	196170	Phenanthrene-d10	11.28

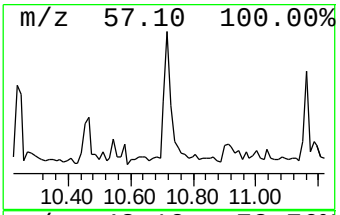
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
3	Pentadecane	212	C15H32	000629-62-9	30
4	Eicosane	282	C20H42	000112-95-8	30
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30

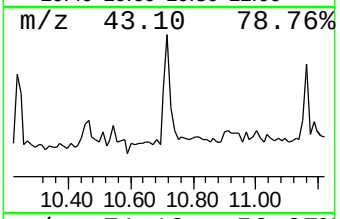


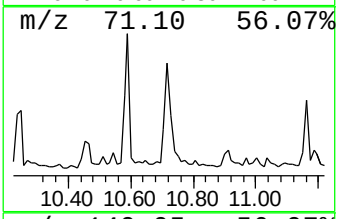


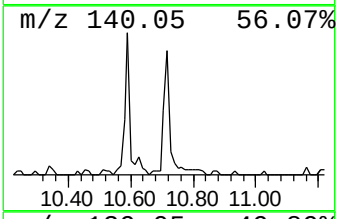


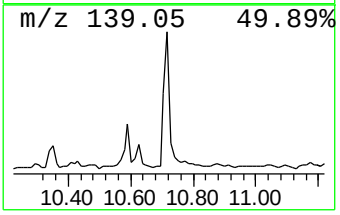












Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-4-26-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

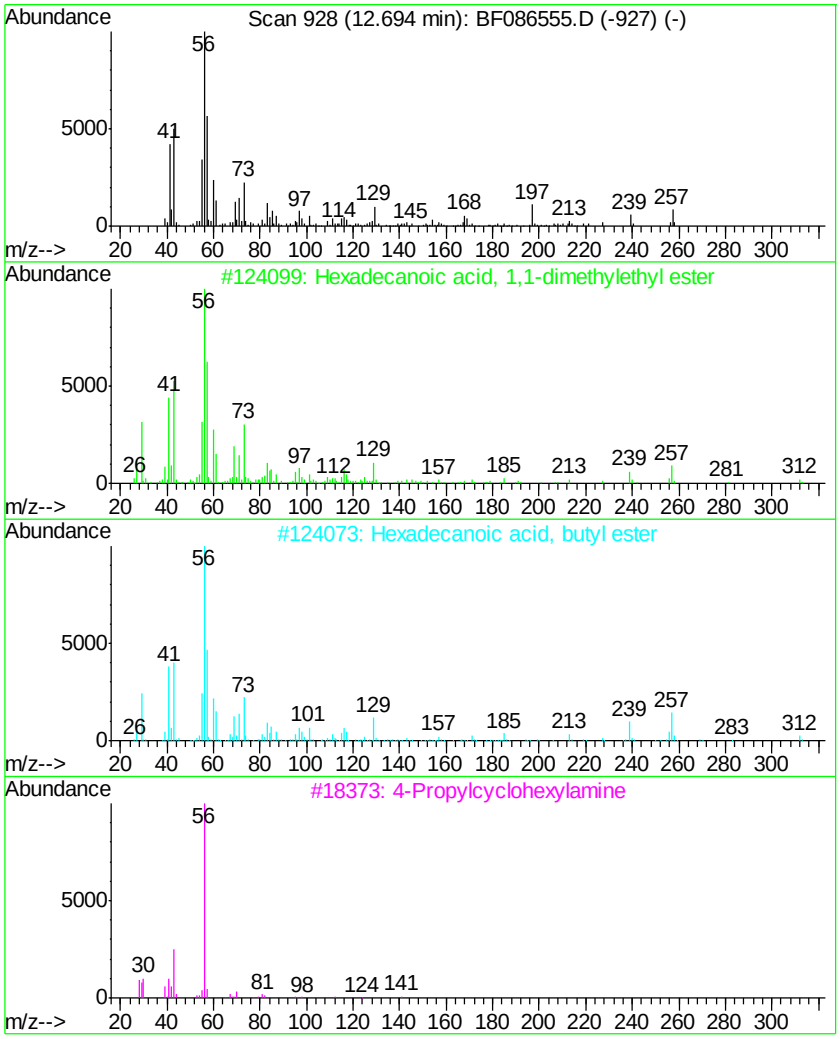
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

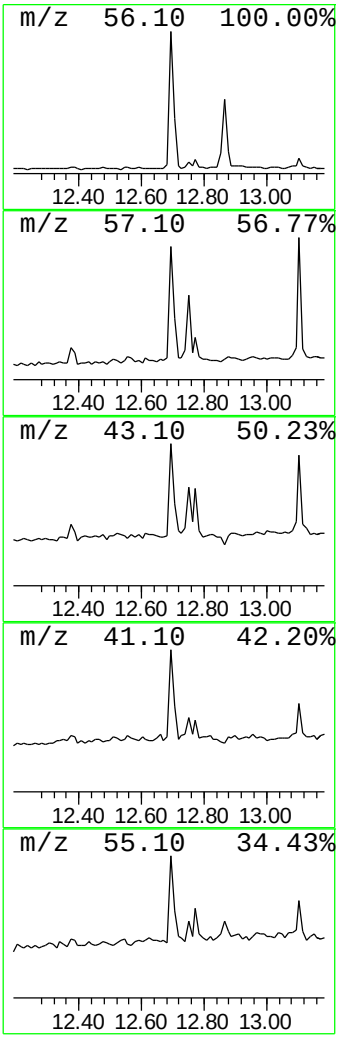
****

Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	2.98 ng	163503	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
3	4-Propylcyclohexylamine	141	C9H19N	102653-37-2	38
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
5	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-4-26-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

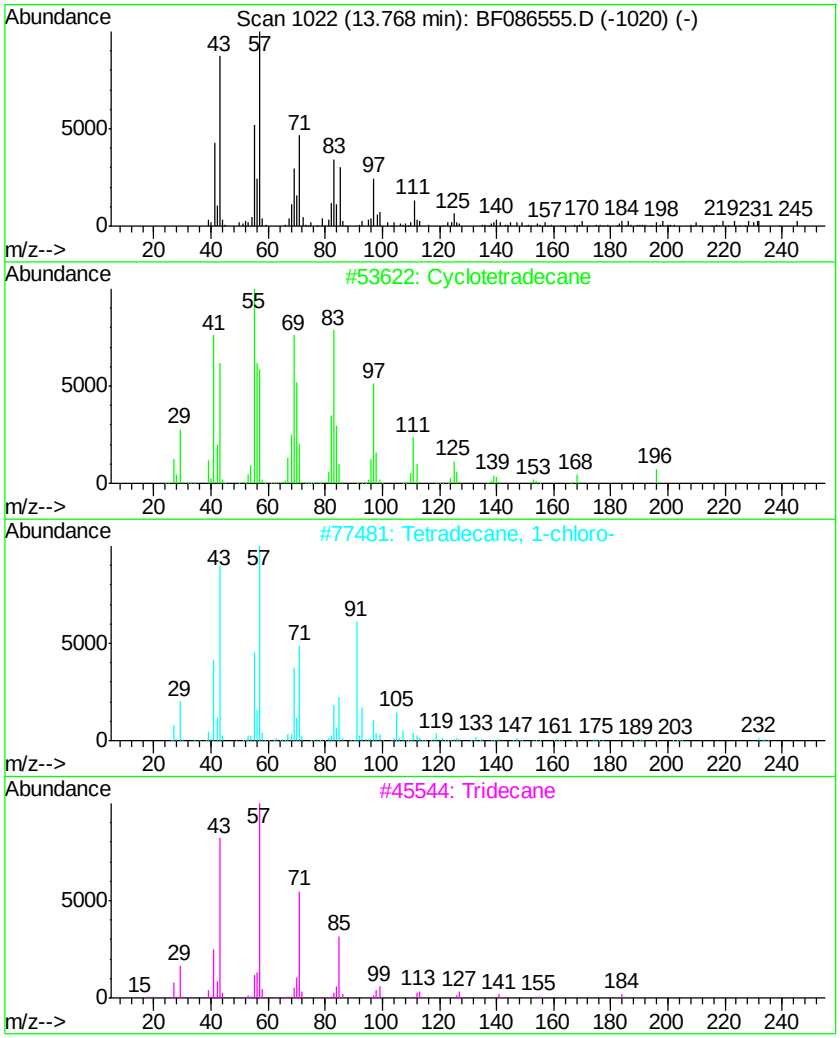
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

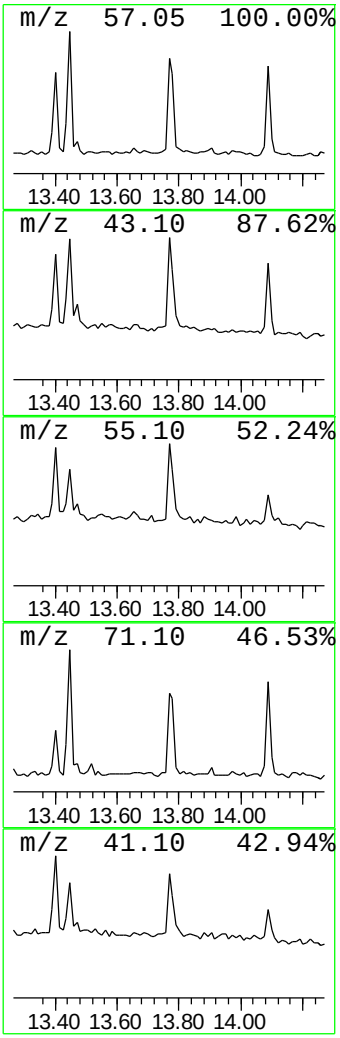
****

Peak Number 7 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.57 ng	140926	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	89
2	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	68
3	Tridecane	184	C13H28	000629-50-5	60
4	Tetradecane	198	C14H30	000629-59-4	60
5	Dodecane	170	C12H26	000112-40-3	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086555.D
Acq On : 1 May 2016 7:07
Operator : UM/SJ
Sample : H2737-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLIND-DUPLICATE-4-26-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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
Indane	6.94	9.2	ng	426358	1	6.76	926403	20.0
Benzo[b]thiophene...	8.52	2.0	ng	120936	2	8.05	1192970	20.0
unknown10.72	10.72	3.2	ng	196170	4	11.28	1238670	20.0
Hexadecanoic acid...	12.69	3.0	ng	163503	5	13.91	1098040	20.0
Cyclotetradecane	13.77	2.6	ng	140926	5	13.91	1098040	20.0