LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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	1.701	8	10	63	rVB	3039286	6380041	100.00%	15.187%
2	4.684	268	271	283	rBV	113740	271190	4.25%	0.646%
3	5.141	309	311	332	rBV	1727184	2325354	36.45%	5.535%
4	6.227	405	406	413	rBV	1161181	1575841	24.70%	3.751%
5	6.330	413	415	420	rVV	3973302	3853276	60.40%	9.172%
6	6.559	432	435	440	rBV	703625	834709	13.08%	1.987%
7	6.707	446	448	451	rBV	3253720	3203467	50.21%	7.625%
8	7.142	483	486	488	rBV	2330412	3164585	49.60%	7.533%
9	7.576	521	524	529	rBV5	28034	72596	1.14%	0.173%
10	7.839	545	547	550	rBV	771582	1049889	16.46%	2.499%
11	8.605	611	614	617	rBV4	63700	114957	1.80%	0.274%
12	8.845	633	635	639	rVV2	73936	165655	2.60%	0.394%
13	8.925	639	642	644	rVV	5063304	4831632	75.73%	11.501%
14	8.970	644	646	650	rVB2	39244	77357	1.21%	0.184%
15	9.096	656	657	660	rVB	98375	111859	1.75%	0.266%
16	9.245	668	670	672	rBV2	71964	95086	1.49%	0.226%
17	9.393	681	683	686	rBV4	43518	94980	1.49%	0.226%
18	9.450	686	688	693	rVB3	75471	96084	1.51%	0.229%
19	9.588	698	700	703	rBV	1282220	1213680	19.02%	2.889%
20	9.850	721	723	725	rBV	70503	87697	1.37%	0.209%
21	9.896	725	727	731	rVV5	94672	142220	2.23%	0.339%
22	9.976	731	734	737	rVV4	65128	129177	2.02%	0.307%
23	10.033	737	739	741	rVB2	58122	85896	1.35%	0.204%
24	10.388	767	770	772	rBV	2296127	2896937	45.41%	6.896%
25	10.571	784	786	788	rBV	135695	185097	2.90%	0.441%
26	10.605	788	789	791	rVB2	95282	114250	1.79%	0.272%
27	10.788	804	805	807	rBV2	133613	149082	2.34%	0.355%
28	10.936	815	818	820	rBV3	95980	200155	3.14%	0.476%
29	10.982	820	822	828	rVB2	79584	145358	2.28%	0.346%
30	11.062	828	829	832	rBV	720361	1024772	16.06%	2.439%
31	11.279	847	848	851	rBV2	357620	389757	6.11%	0.928%
32	11.622	876	878	884	rVB2	142216	204123	3.20%	0.486%
33	12.399	944	946	948	rBV	61542	79887	1.25%	0.190%
34	12.479	951	953	956	rVB	643128	598752	9.38%	1.425%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

35	12.559	958	960	965	rVB	151854	143939	2.26%	0.343%
36	12.651	965	968	970	rBV	3503354	3322305	52.07%	7.908%
37	13.188	1012	1015	1017	rBV	269351	374994	5.88%	0.893%
38	13.222	1017	1018	1023	rVB3	95801	166061	2.60%	0.395%
39	13.439	1033	1037	1043	rVV3	41918	106338	1.67%	0.253%
40	13.554	1045	1047	1050	rBV	87590	101362	1.59%	0.241%
41	13.691	1057	1059	1064	rBV	545293	712337	11.17%	1.696%
42	13.862	1073	1074	1076	rVB	72622	78863	1.24%	0.188%
43	14.171	1099	1101	1103	rBV	70327	66616	1.04%	0.159%
44	14.468	1125	1127	1129	rVB	53529	68791	1.08%	0.164%
45	14.754	1150	1152	1155	rVB	52802	71416	1.12%	0.170%
46	15.051	1176	1178	1186	rVB	506890	696231	10.91%	1.657%
47	15.417	1207	1210	1214	rVB	39853	66155	1.04%	0.157%
48	15.817	1243	1245	1253	rVB2	35207	69885	1.10%	0.166%

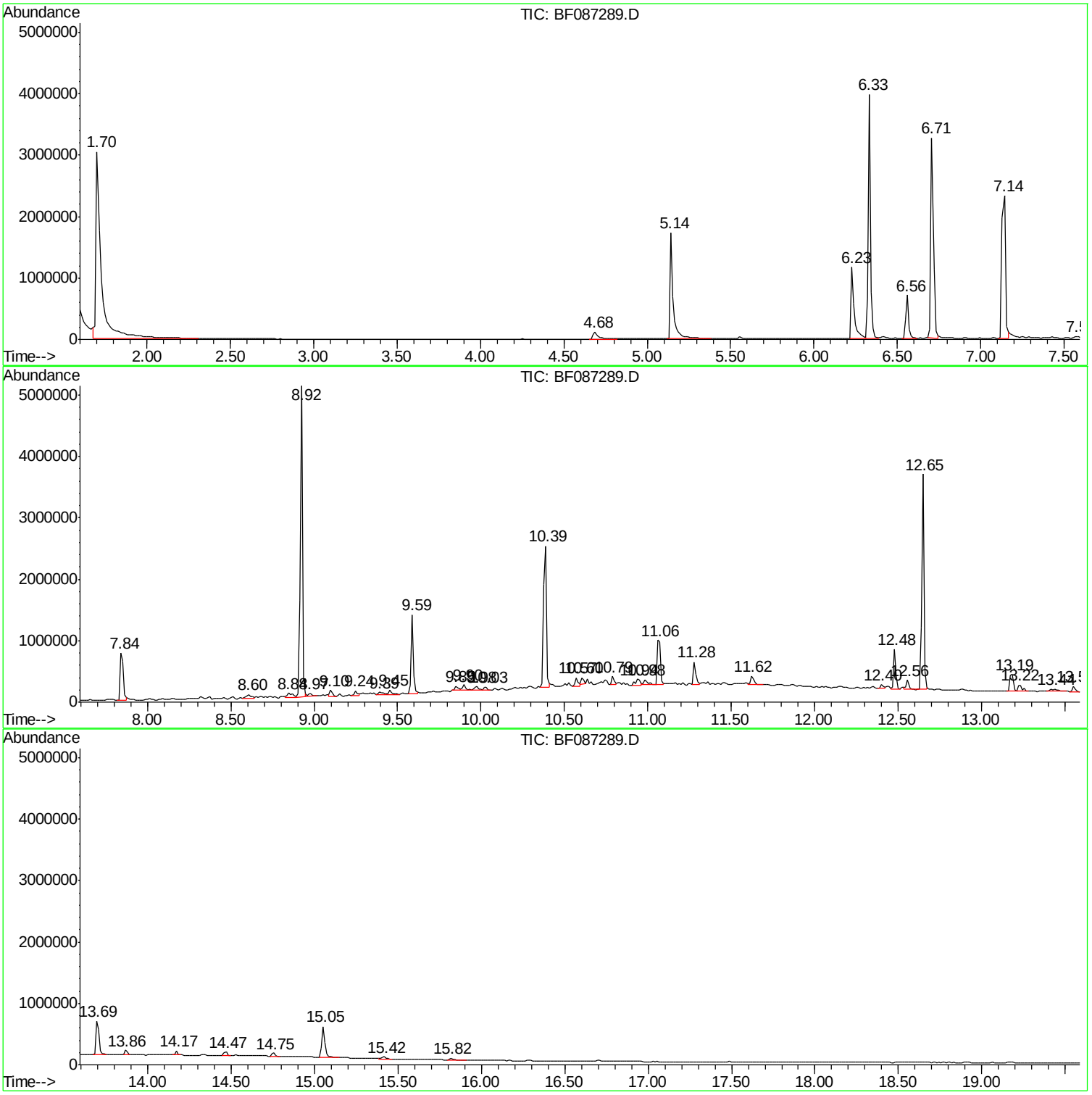
Sum of corrected areas: 42010691

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19

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\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

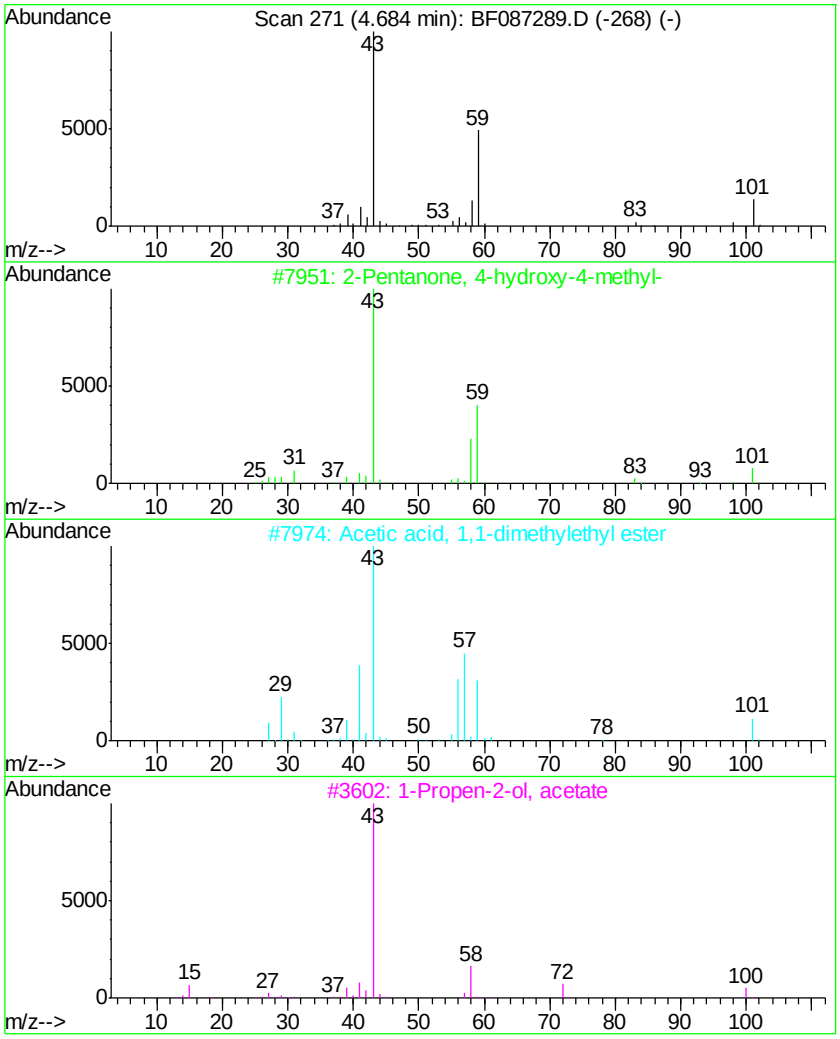
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

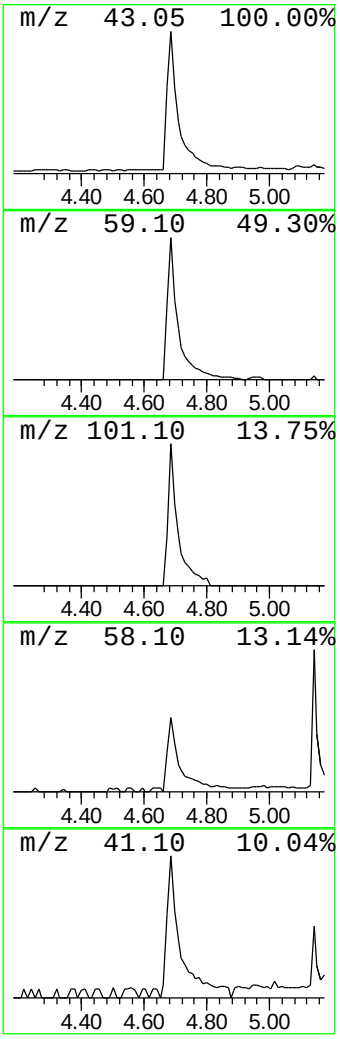
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	6.50 ng	271190	1,4-Dichlorobenzene-d4	6.56

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

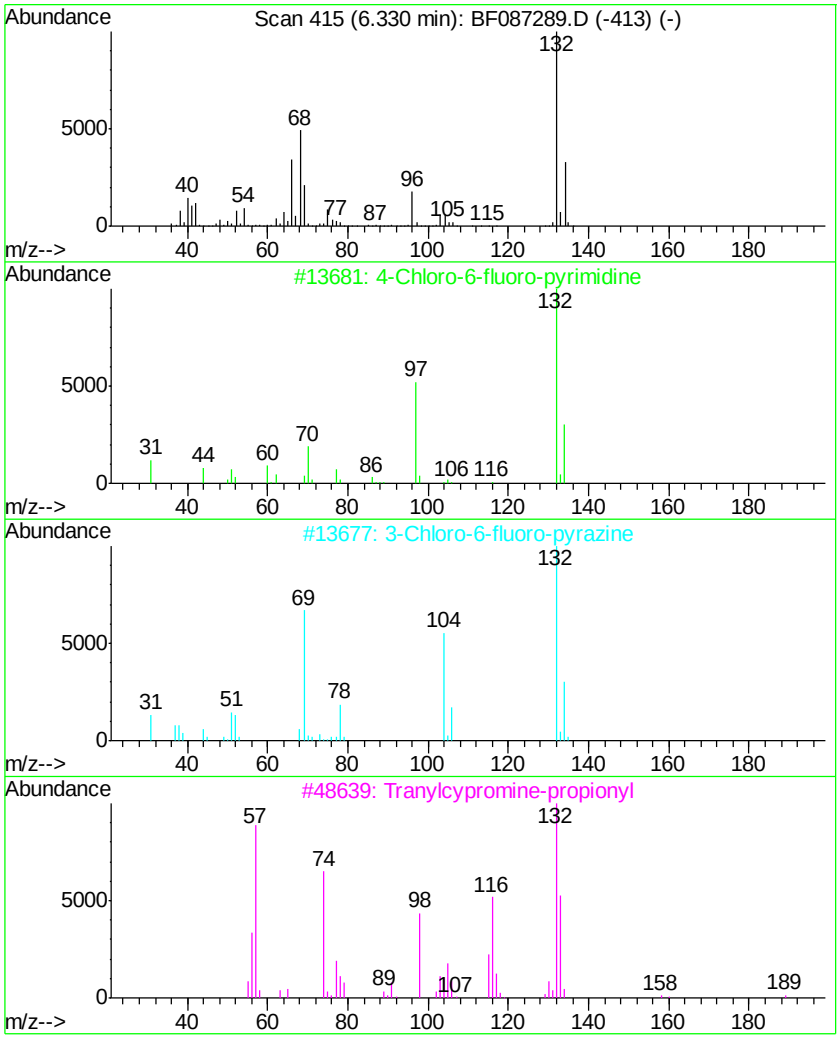
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

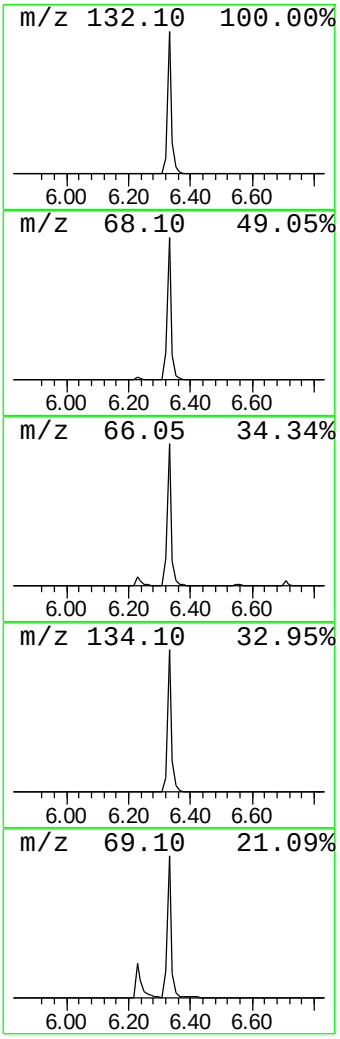
****

Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	92.33 ng	3853280	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

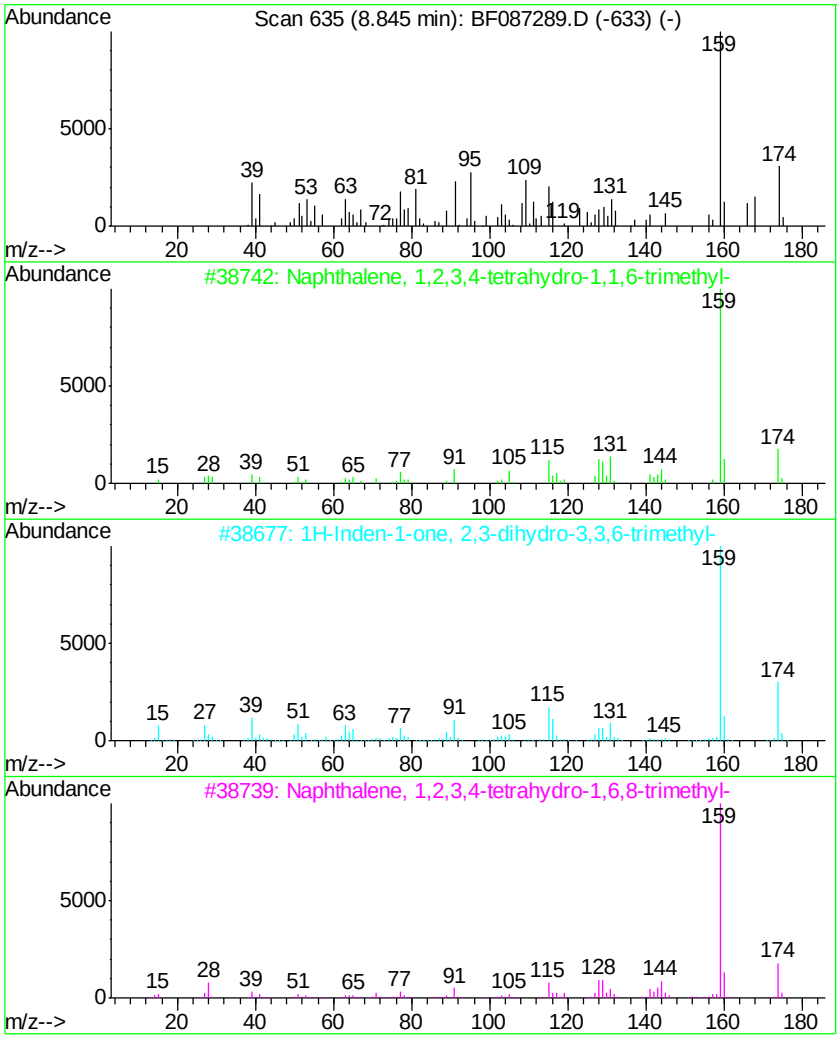
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

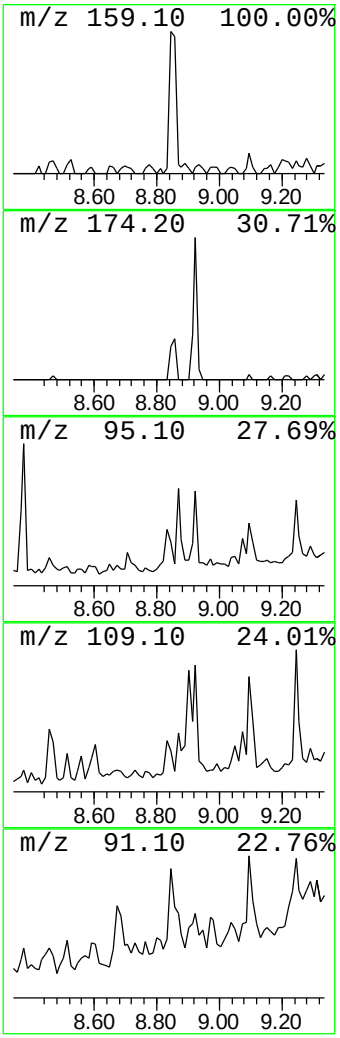
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.73 ng	165655	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	64
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	52
4	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	49
5	2-Isopropylamino-4-methylbenzoni...	174	C11H14N2	028195-00-8	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

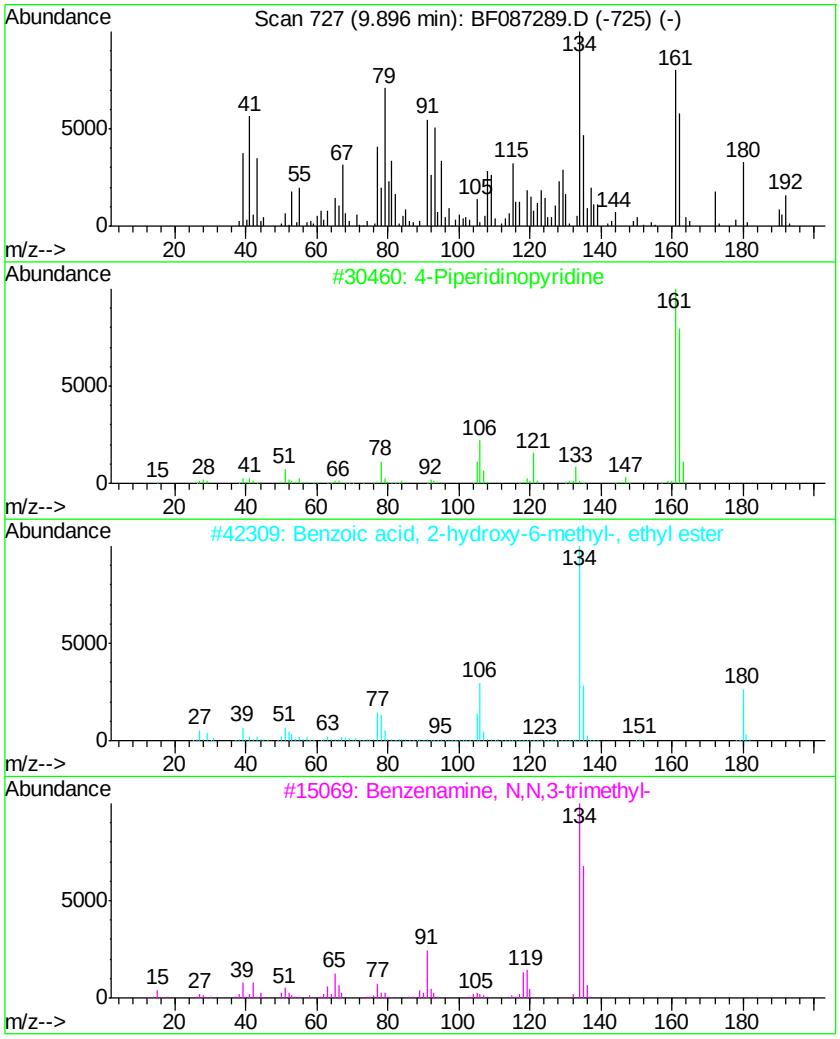
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

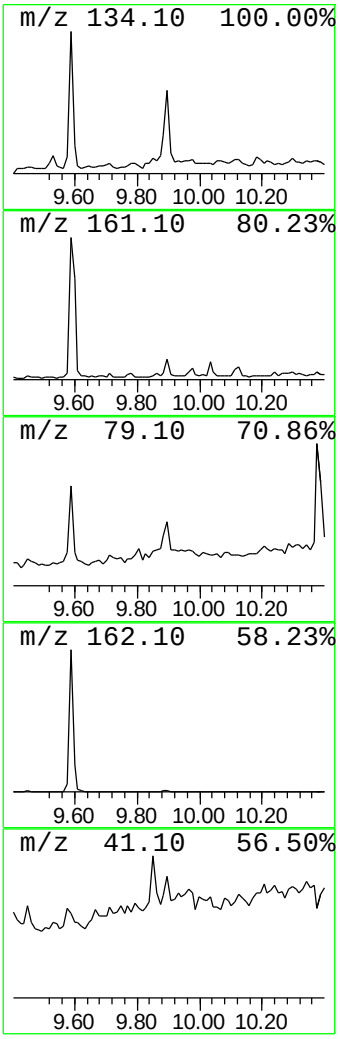
****

Peak Number 6 unknown9.90 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.34 ng	142220	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Piperidinopyridine	162	C10H14N2	002767-90-0	22
2	Benzoic acid, 2-hydroxy-6-methyl...	180	C10H12O3	006555-40-4	22
3	Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	22
4	3,4-Dihydro-2,7-dimethylpyrimido...	162	C8H10N4	036755-43-8	14
5	4H-1-Benzopyran-4-one, 2,3-dihyd...	162	C10H10O2	039513-75-2	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

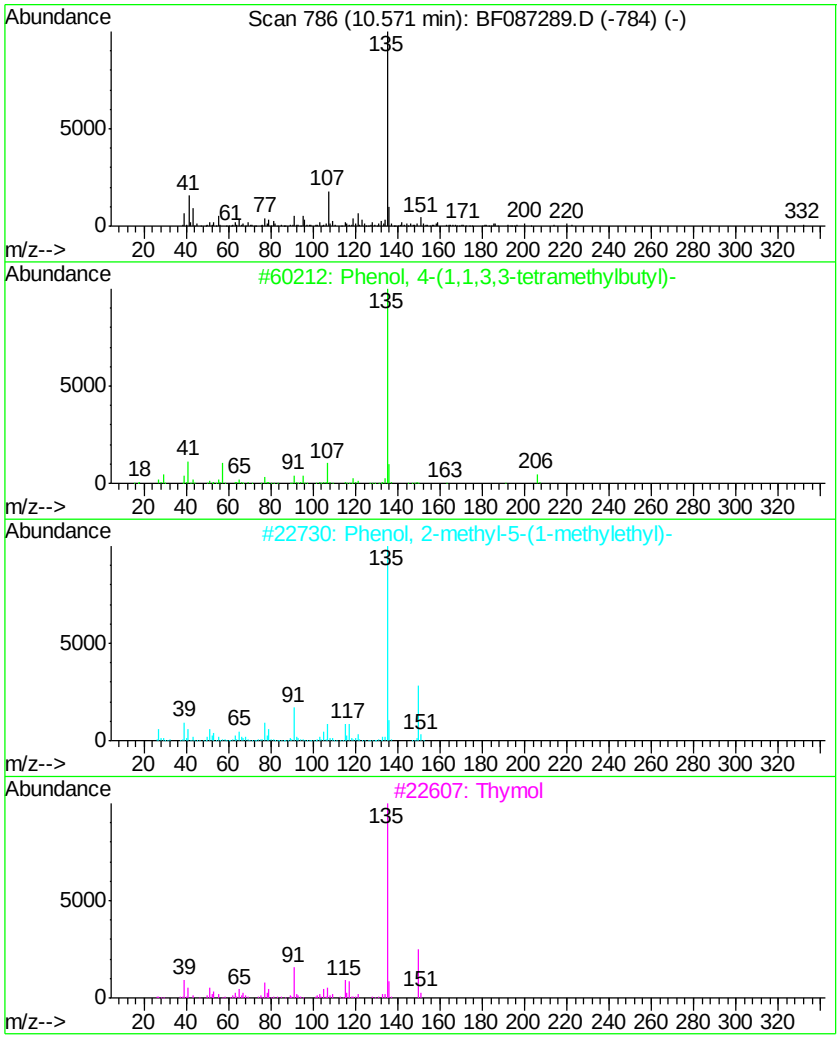
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

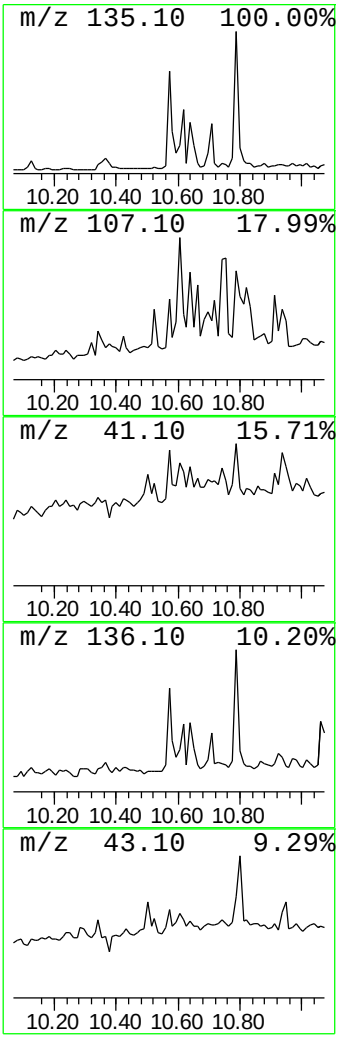
****

Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	3.61 ng	185097	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
3	Thymol	150	C10H14O	000089-83-8	59
4	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	59
5	Benzoyl chloride, 3-methoxy-	170	C8H7ClO2	001711-05-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

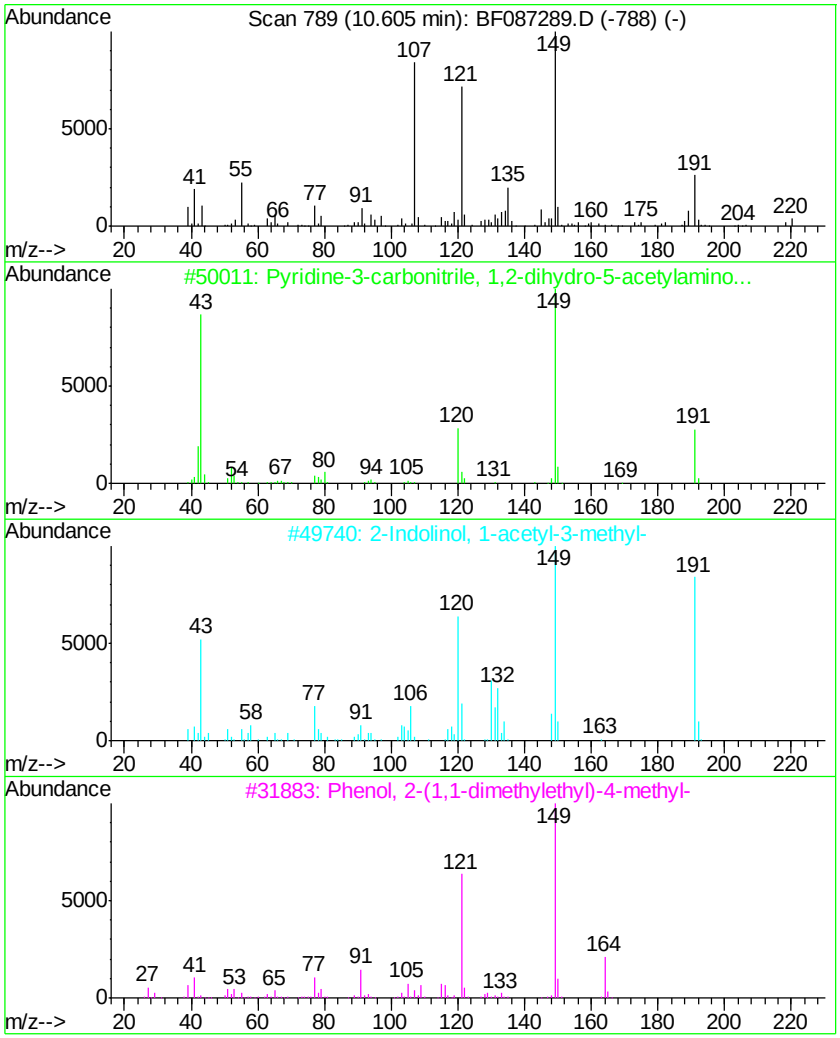
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

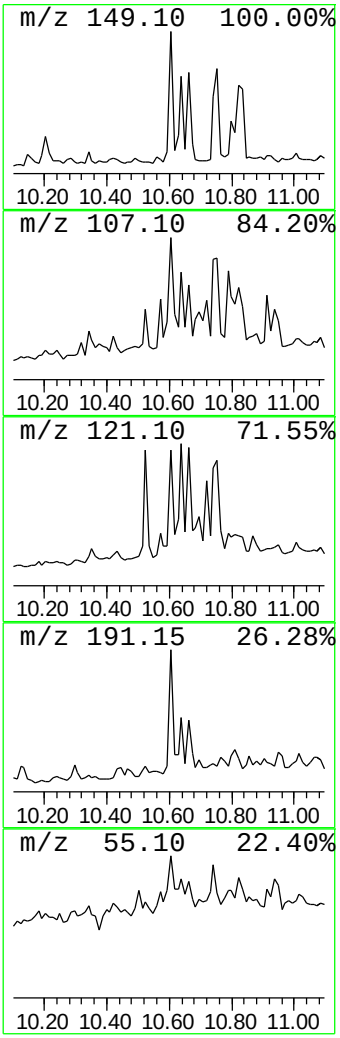
****

Peak Number 8 unknown10.60 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.23 ng	114250	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
2	2-Indolinol, 1-acetyl-3-methyl-	191	C11H13NO2	013303-72-5	32
3	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	27
4	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	27
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

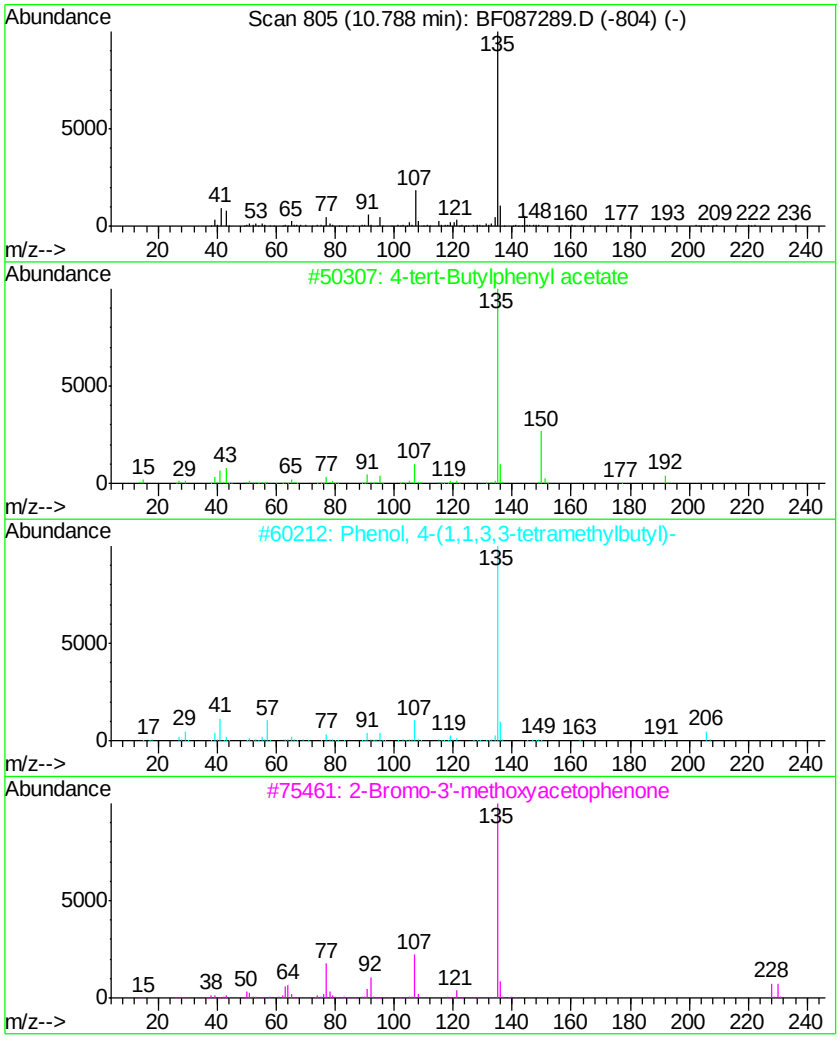
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

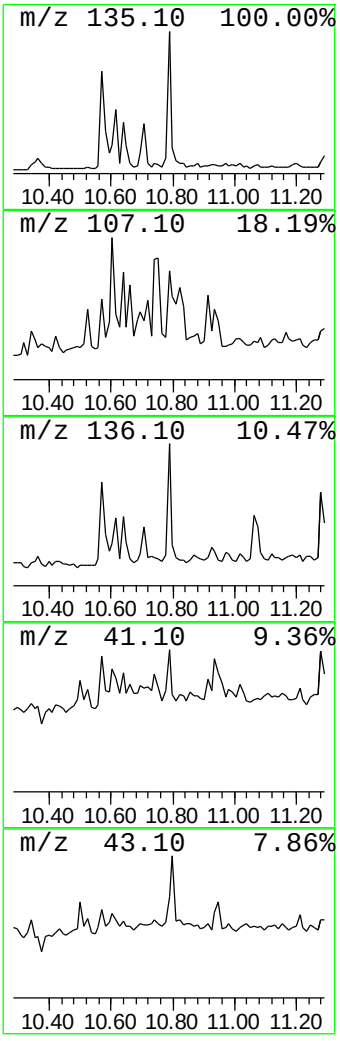
****

Peak Number 9 4-tert-Butylphenyl acetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.91 ng	149082	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	2-Bromo-3'-methoxyacetophenone	228	C9H9BrO2	005000-65-7	64
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

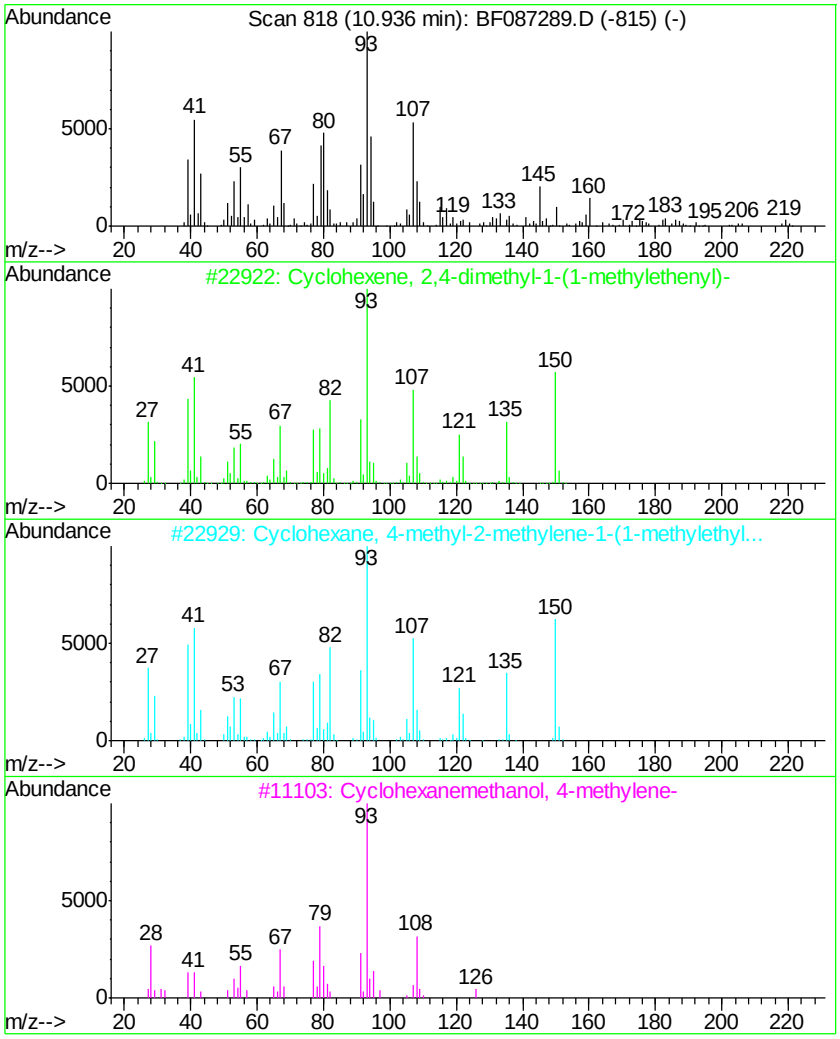
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

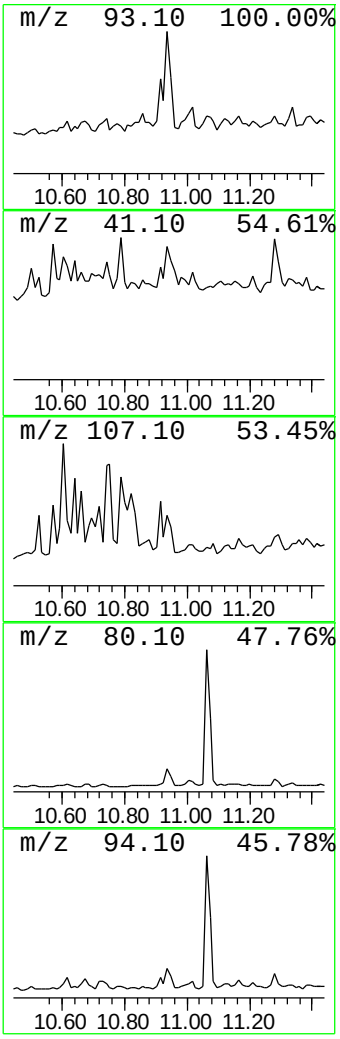
****

Peak Number 10 Cyclohexene, 2,4-dimethyl-1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.91 ng	200155	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 2,4-dimethyl-1-(1-m...	150	C11H18	056763-60-1	50
2	Cyclohexane, 4-methyl-2-methylen...	150	C11H18	056763-62-3	50
3	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	47
4	Santalol, cis,.alpha.-	220	C15H24O	019903-72-1	38
5	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

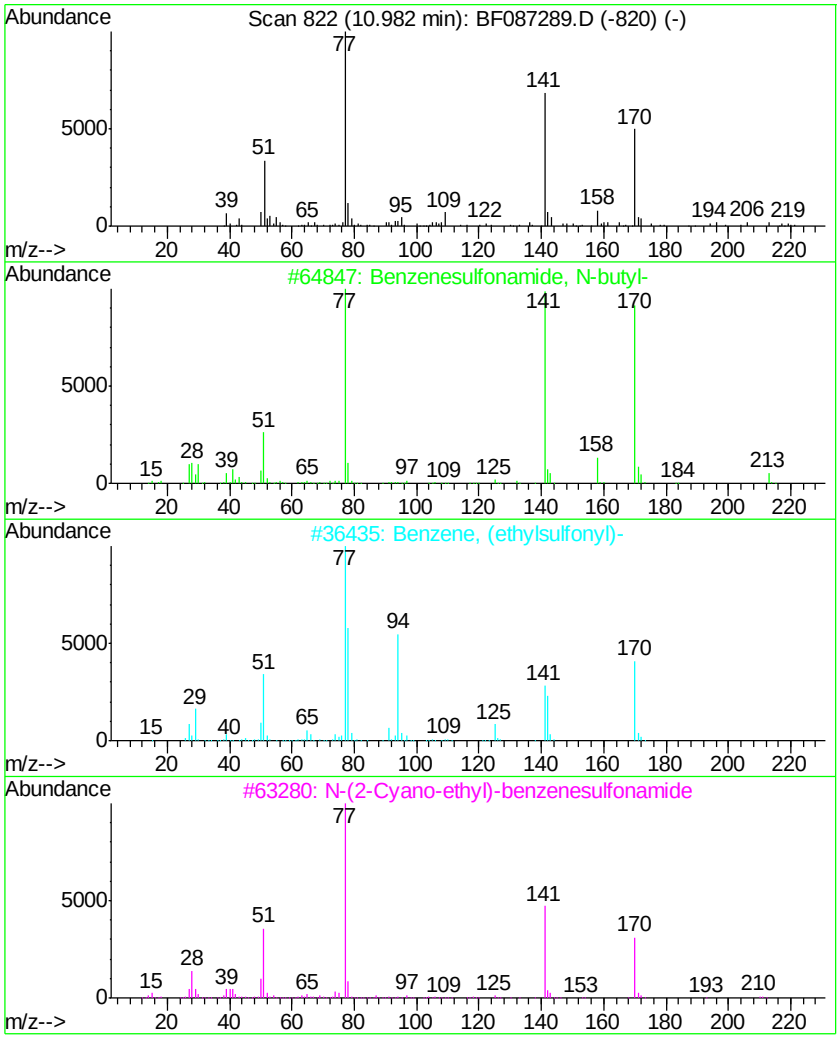
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

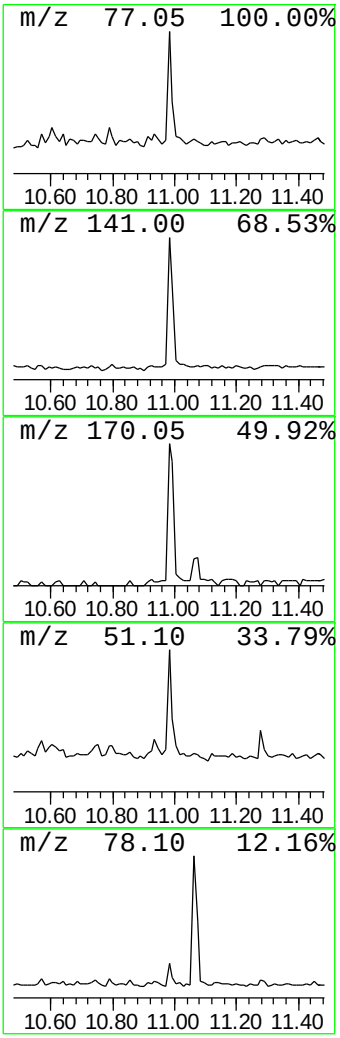
****

Peak Number 11 Benzenesulfonamide, N-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	2.84 ng	145358	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	83
2	Benzene, (ethylsulfonyl)-	170	C8H10O2S	000599-70-2	72
3	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	64
4	4H-1,2,4-Triazole-4-benzenesulfo...	224	C8H8N4O2S	029982-62-5	53
5	Bensulide	397	C14H24NO4PS3	000741-58-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

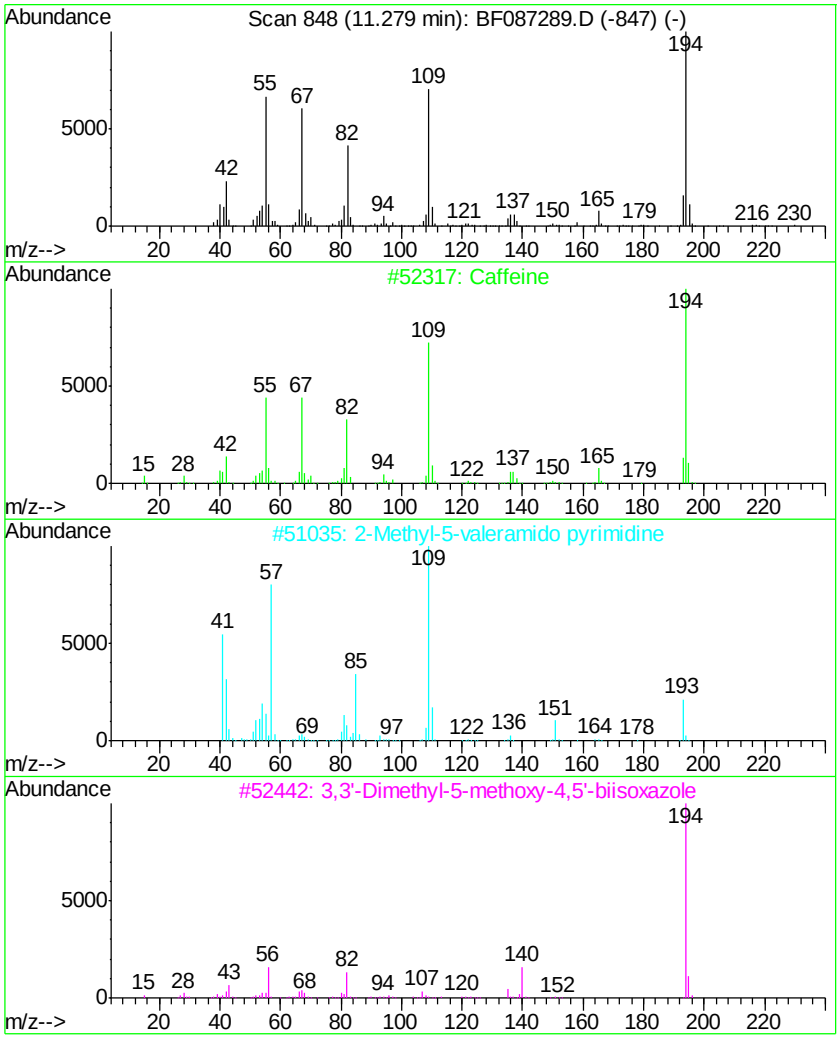
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

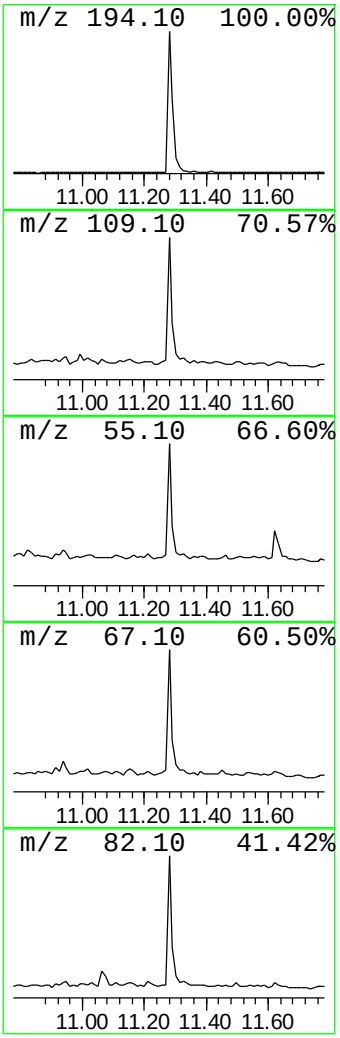
****

Peak Number 12 Caffeine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	7.61 ng	389757	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	97
2	2-Methyl-5-valeramido pyrimidine	193	C10H15N3O	1000213-95-9	35
3	3,3'-Dimethyl-5-methoxy-4,5'-bii...	194	C9H10N2O3	019668-80-5	30
4	2-Phenanthrenol	194	C14H10O	000605-55-0	27
5	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

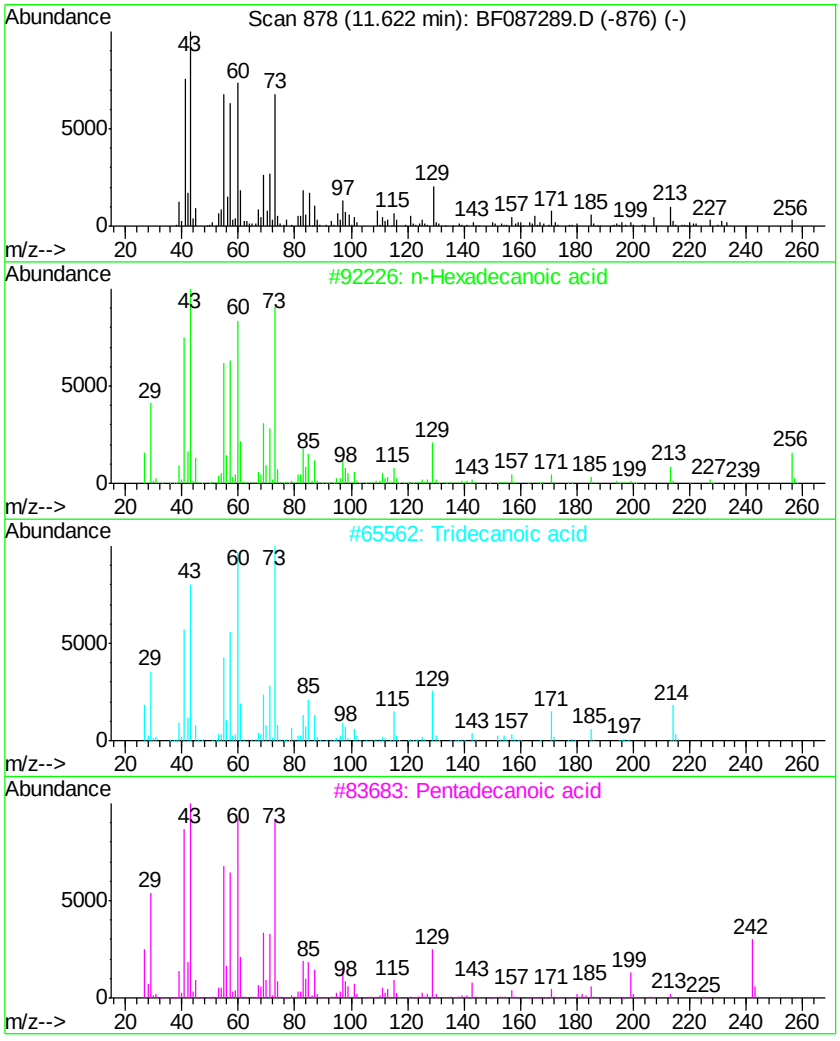
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

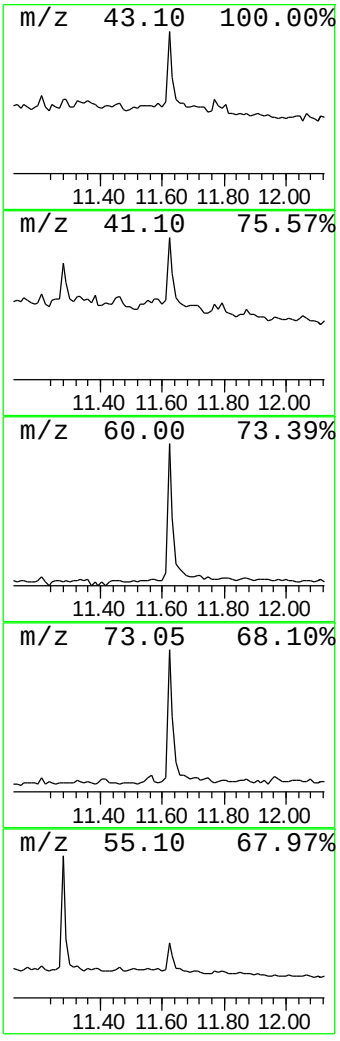
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.98 ng	204123	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

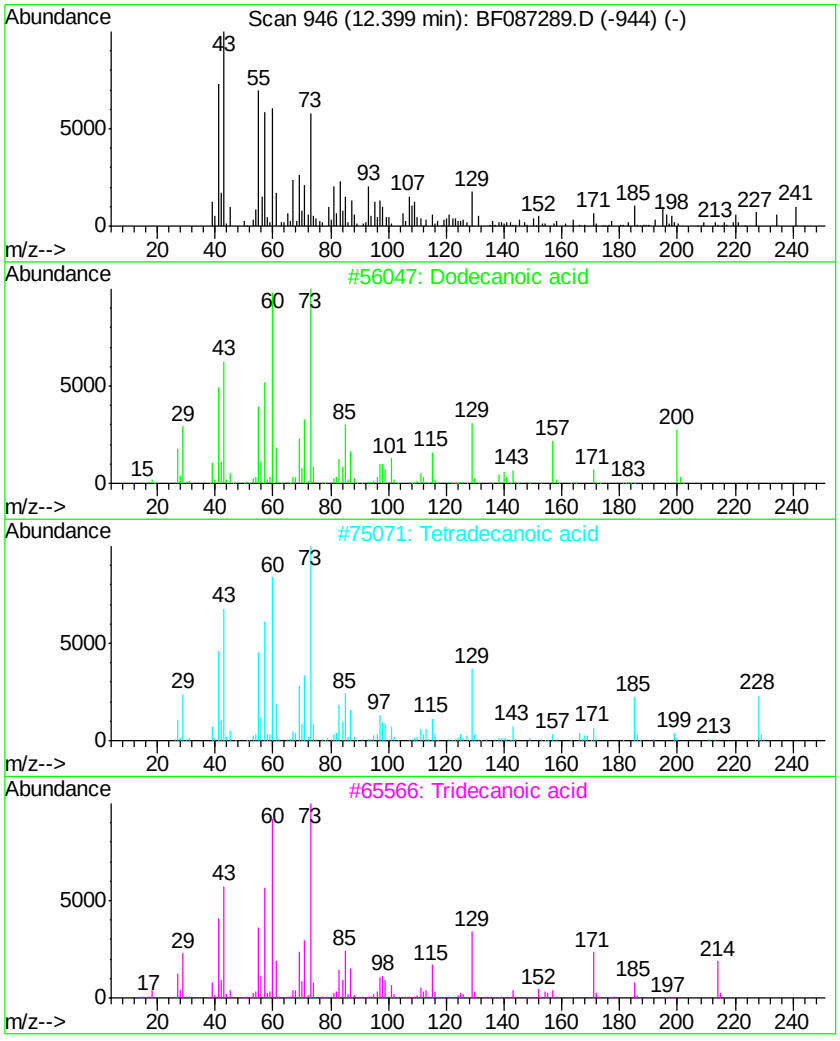
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

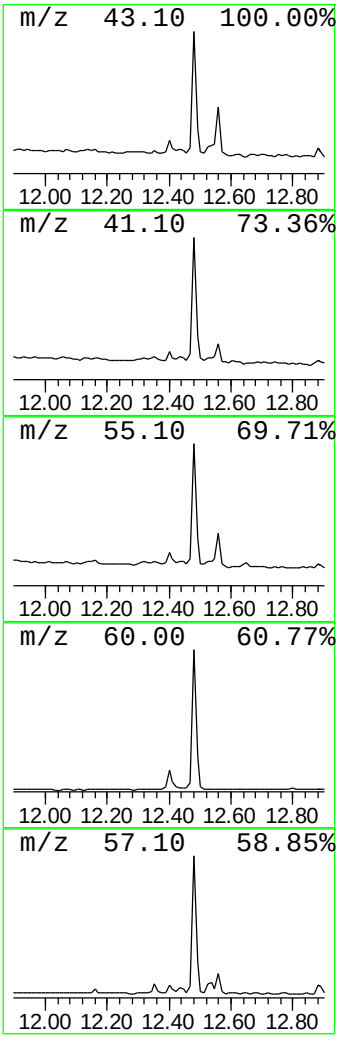
****

Peak Number 14 unknown12.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.24 ng	79887	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	46
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
3	Tridecanoic acid	214	C13H26O2	000638-53-9	38
4	Nonanoic acid	158	C9H18O2	000112-05-0	38
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

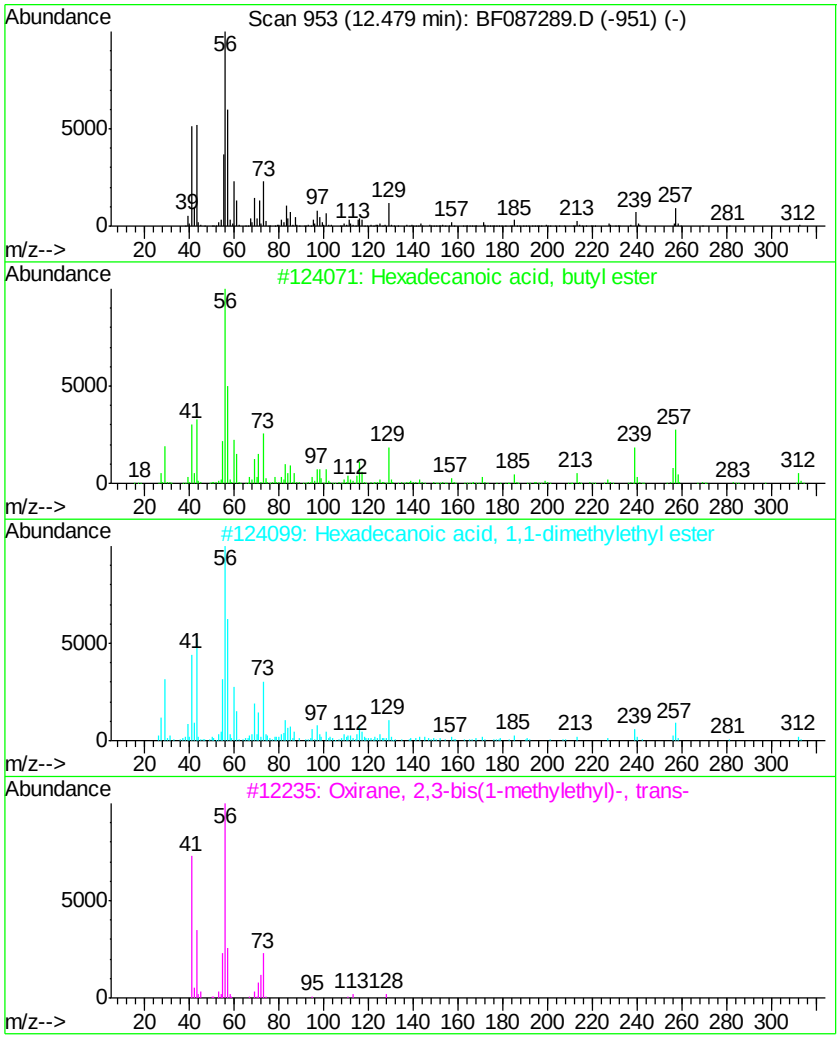
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

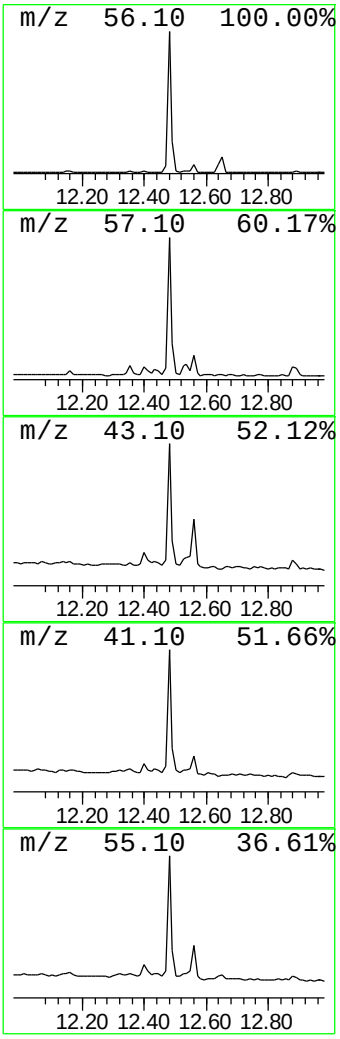
****

Peak Number 15 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	16.81 ng	598752	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	47
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	46
5	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

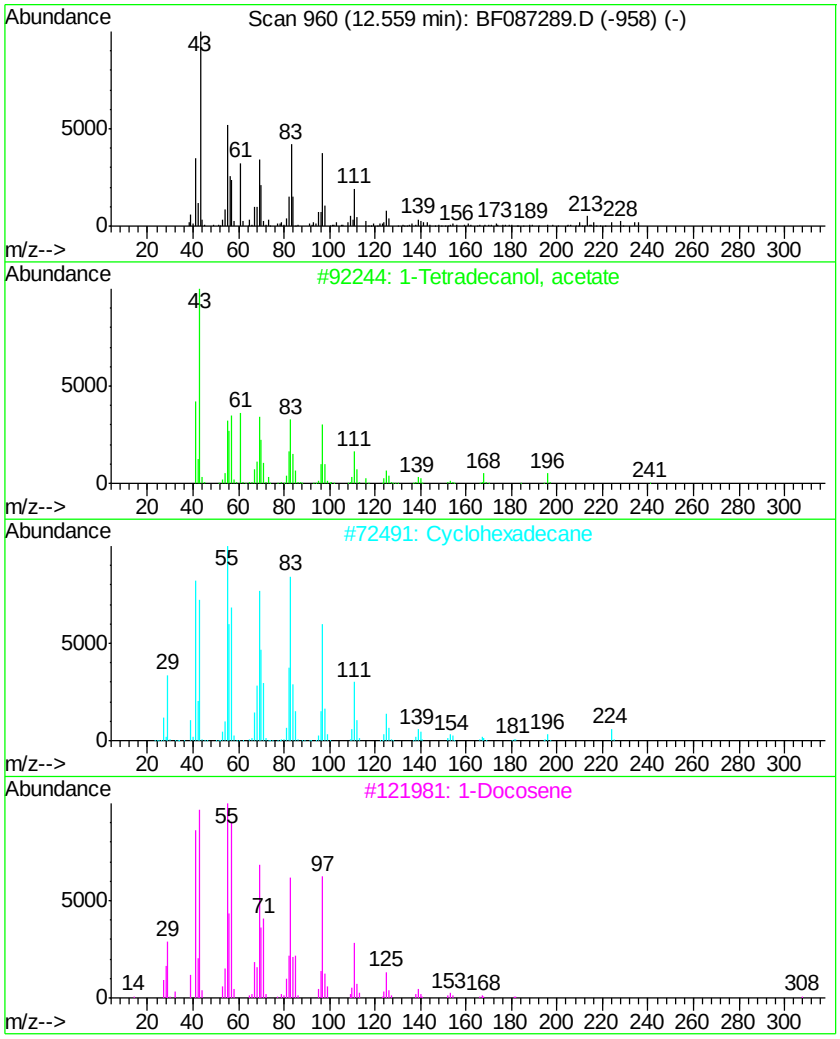
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

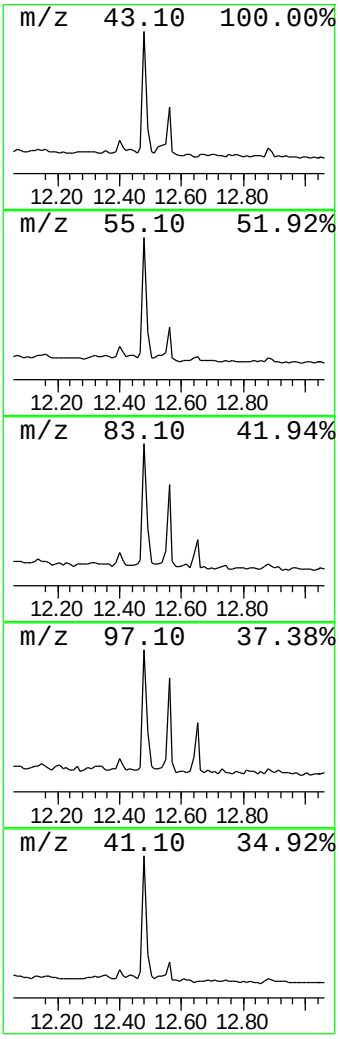
****

Peak Number 16 1-Tetradecanol, acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.04 ng	143939	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecanol, acetate	256	C16H32O2	000638-59-5	91
2	Cyclohexadecane	224	C16H32	000295-65-8	89
3	1-Docosene	308	C22H44	001599-67-3	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

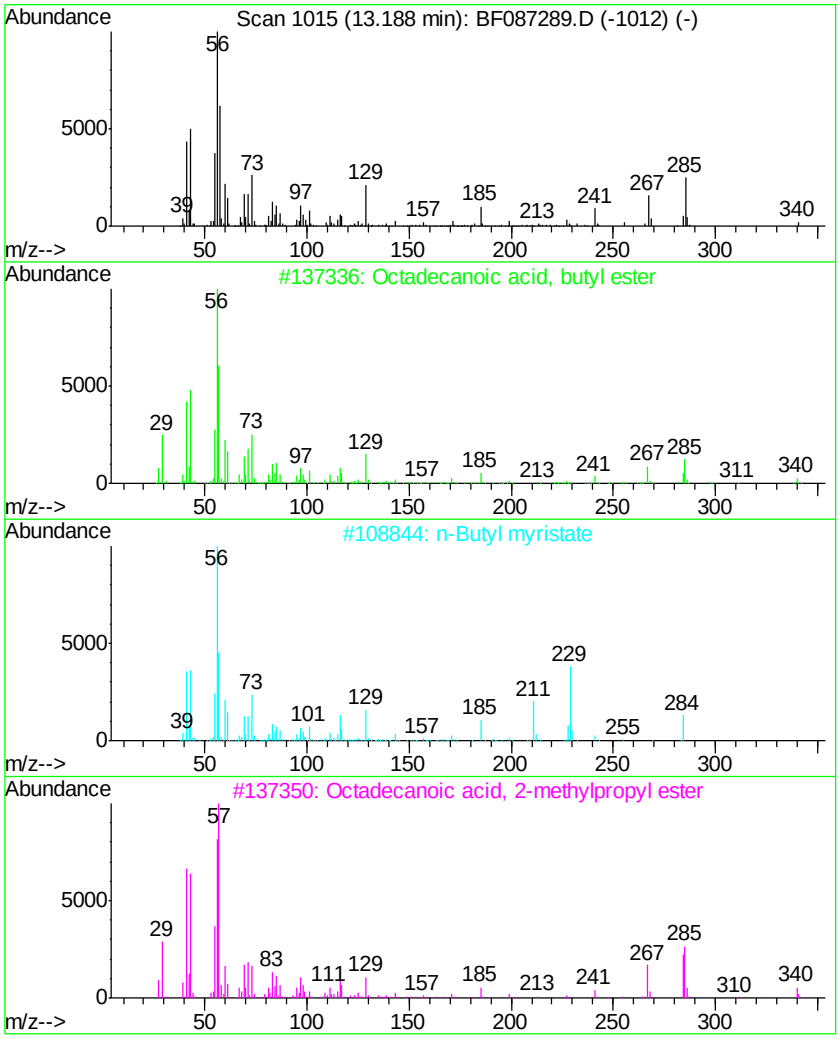
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

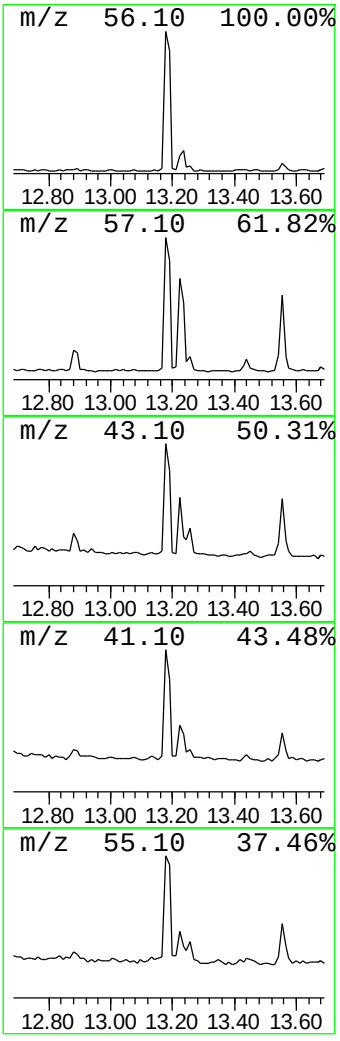
****

Peak Number 17 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	10.53 ng	374994	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2	n-Butyl myristate	284	C18H36O2	000110-36-1	59
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43
4	Octadecanoic acid	284	C18H36O2	000057-11-4	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

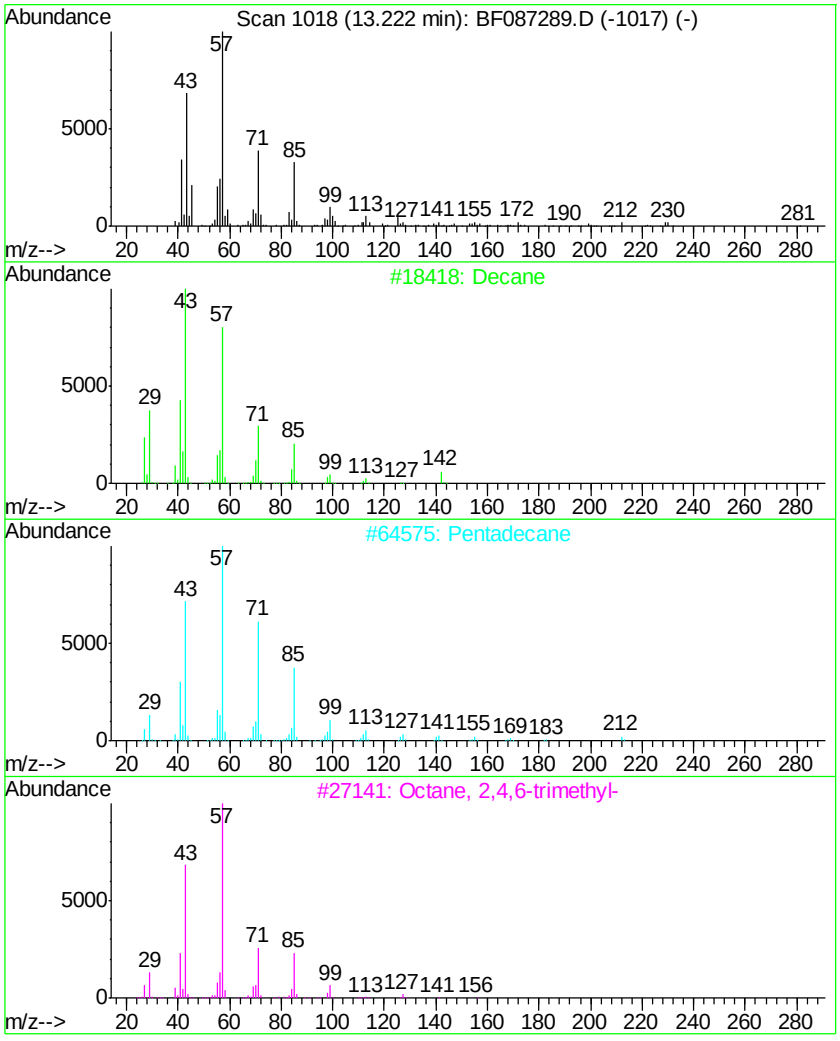
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

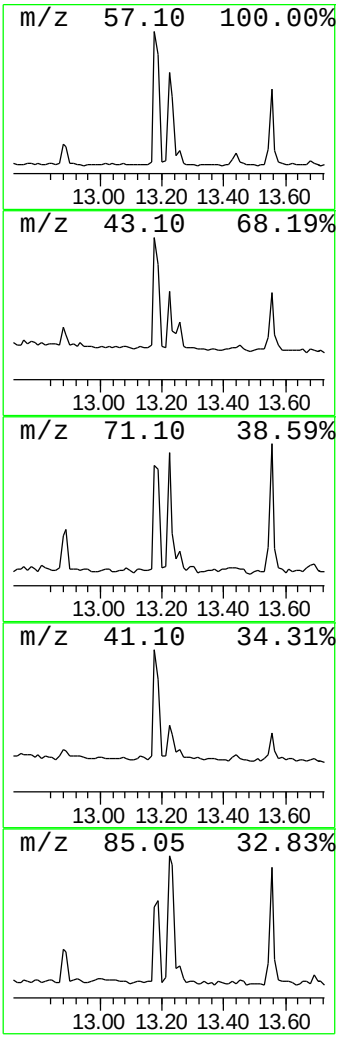
****

Peak Number 18 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.66 ng	166061	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	64
2	Pentadecane	212	C15H32	000629-62-9	60
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
4	Eicosane	282	C20H42	000112-95-8	50
5	Hexadecane	226	C16H34	000544-76-3	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

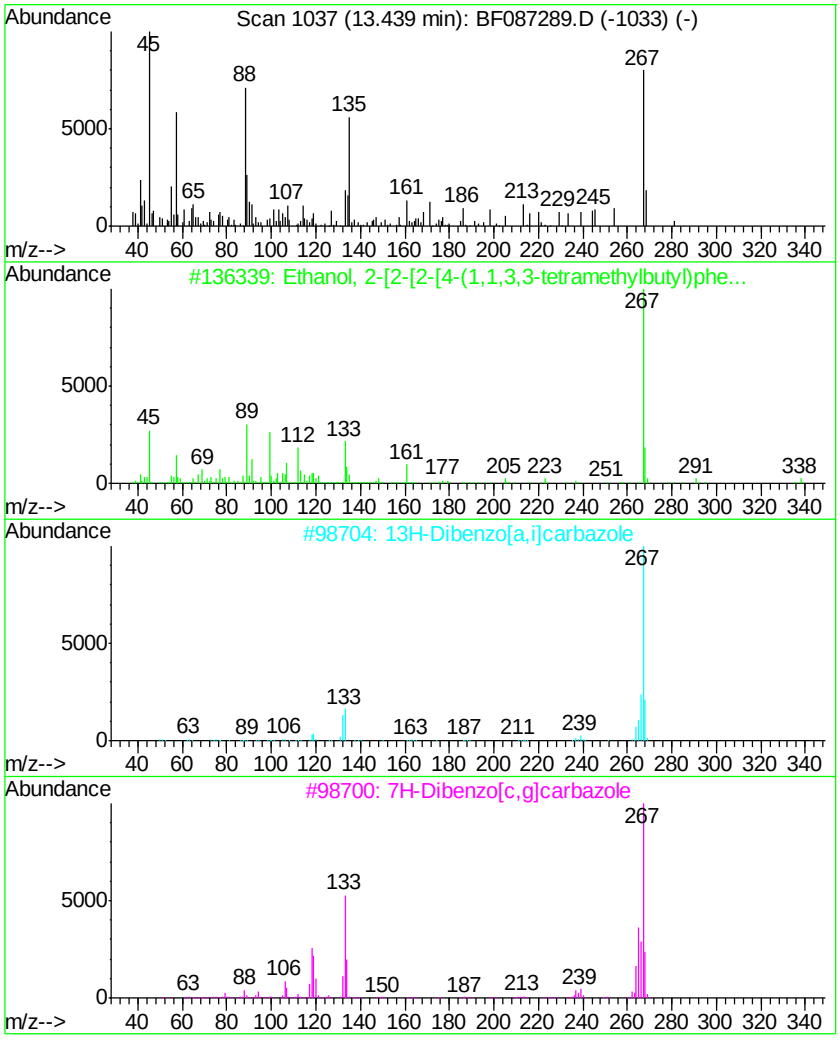
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

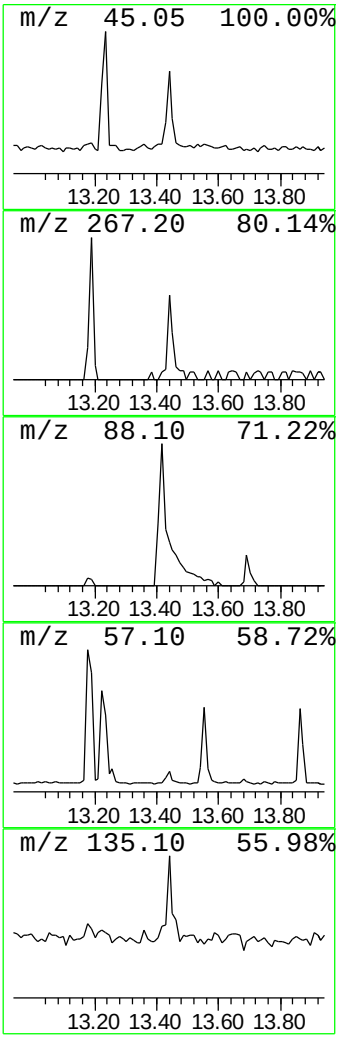
****

Peak Number 19 unknown13.44 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.99 ng	106338	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	37
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	30
3	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	27
4	6-Chloro-2,3-dimethyl-4-phenylqu...	267	C17H14ClN	022609-11-6	16
5	1,2-Dimethoxy-ethene	88	C4H8O2	1000194-22-7	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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

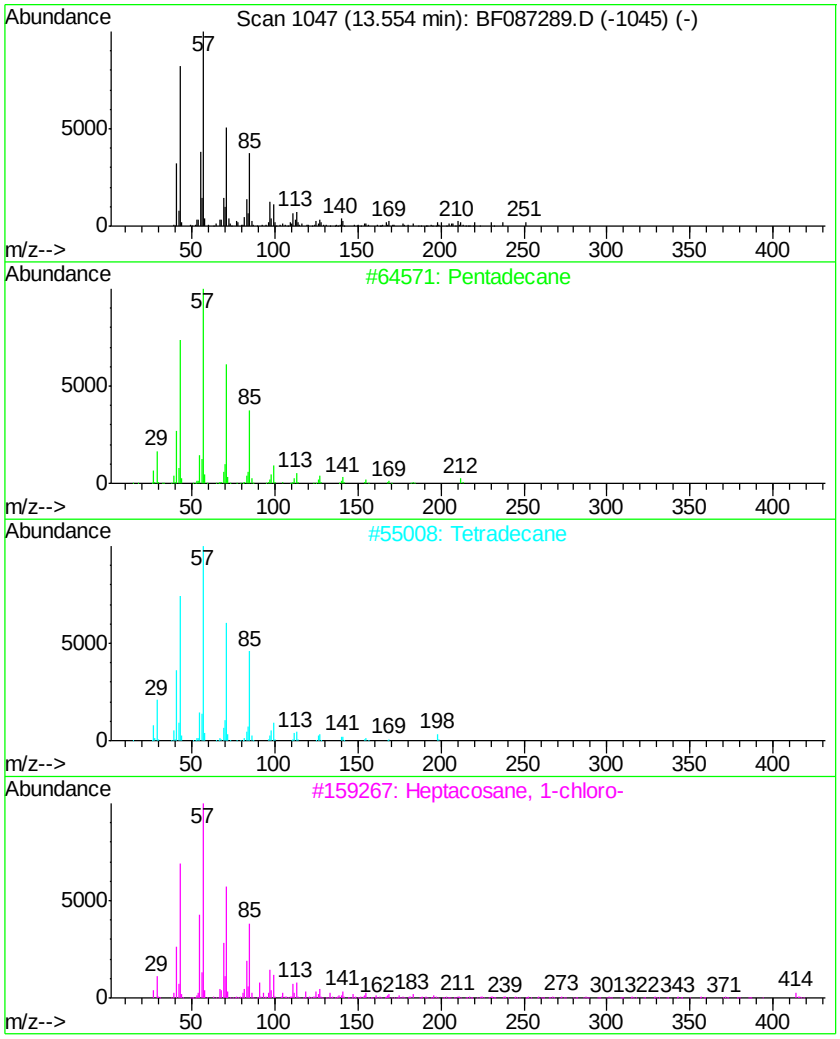
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

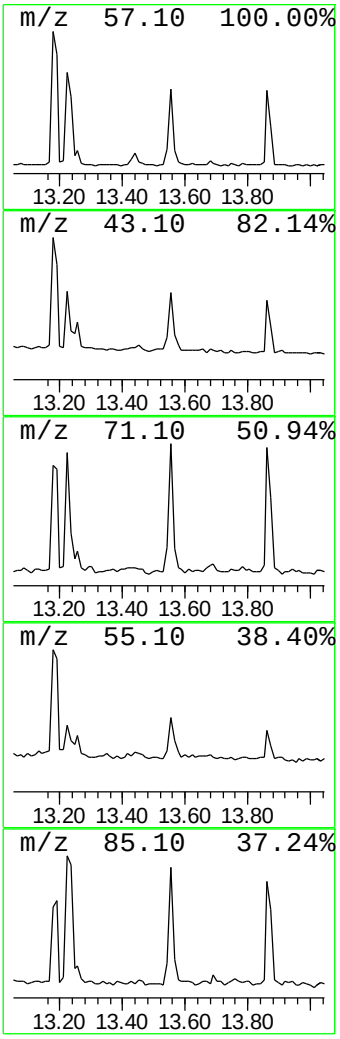
****

Peak Number 20 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.85 ng	101362	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	92
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
4	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	87
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087289.D
Acq On : 22 May 2016 14:23
Operator : UM/SJ
Sample : H3172-05
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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
2-Pentanone, 4-hy...	4.68	6.5	ng	271190	1	6.56	834709	20.0
unknown6.33	6.33	92.3	ng	3853280	1	6.56	834709	20.0
Naphthalene, 1,2,...	8.84	2.7	ng	165655	3	9.59	1213680	20.0
unknown9.90	9.90	2.3	ng	142220	3	9.59	1213680	20.0
Phenol, 4-(1,1,3,...	10.57	3.6	ng	185097	4	11.07	1024770	20.0
unknown10.60	10.60	2.2	ng	114250	4	11.07	1024770	20.0
4-tert-Butylpheny...	10.79	2.9	ng	149082	4	11.07	1024770	20.0
Cyclohexene, 2,4-...	10.94	3.9	ng	200155	4	11.07	1024770	20.0
Benzenesulfonamid...	10.98	2.8	ng	145358	4	11.07	1024770	20.0
Caffeine	11.28	7.6	ng	389757	4	11.07	1024770	20.0
n-Hexadecanoic acid	11.62	4.0	ng	204123	4	11.07	1024770	20.0
unknown12.40	12.40	2.2	ng	79887	5	13.69	712337	20.0
Hexadecanoic acid...	12.48	16.8	ng	598752	5	13.69	712337	20.0
1-Tetradecanol, a...	12.56	4.0	ng	143939	5	13.69	712337	20.0
Octadecanoic acid...	13.19	10.5	ng	374994	5	13.69	712337	20.0
Decane	13.22	4.7	ng	166061	5	13.69	712337	20.0
unknown13.44	13.44	3.0	ng	106338	5	13.69	712337	20.0
Pentadecane	13.55	2.9	ng	101362	5	13.69	712337	20.0