LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

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-BF123115.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	5.036	255	258	265	rBV	1107920	1772385	17.33%	1.178%
2	5.470	293	296	298	rBV	6372812	6301192	61.61%	4.189%
3	6.384	374	376	378	rBV	274554	313241	3.06%	0.208%
4	6.499	383	386	389	rVV	4531222	6841508	66.89%	4.548%
5	6.624	394	397	400	rVB	5503332	6031620	58.98%	4.009%
6	6.819	411	414	415	rBV3	136063	228114	2.23%	0.152%
7	6.853	415	417	419	rVV	1882682	1559699	15.25%	1.037%
8	6.922	421	423	424	rBV2	111840	147828	1.45%	0.098%
9	7.013	429	431	433	rBV	5573303	4909600	48.00%	3.263%
10	7.127	438	441	443	rVB	372267	346772	3.39%	0.231%
11	7.230	446	450	452	rBV4	108239	232332	2.27%	0.154%
12	7.287	452	455	457	rBV2	263113	415132	4.06%	0.276%
13	7.379	461	463	464	rBV	459923	597737	5.84%	0.397%
14	7.425	464	467	469	rVB	4364459	4425286	43.27%	2.942%
15	7.459	469	470	472	rVB2	223574	176874	1.73%	0.118%
16	7.505	472	474	475	rBV	346151	375306	3.67%	0.249%
17	7.550	475	478	479	rBV3	271615	406561	3.98%	0.270%
18	7.607	482	483	484	rBV	135182	157219	1.54%	0.105%
19	7.665	487	488	490	rVB	246455	185346	1.81%	0.123%
20	7.722	491	493	497	rVB2	252012	470781	4.60%	0.313%
21	7.779	497	498	500	rVB2	893353	748842	7.32%	0.498%
22	7.836	500	503	504	rBV3	179379	316185	3.09%	0.210%
23	7.905	506	509	510	rBV3	207246	341098	3.34%	0.227%
24	7.962	512	514	517	rBV3	252783	558816	5.46%	0.371%
25	8.007	517	518	519	rBV	240444	263963	2.58%	0.175%
26	8.053	519	522	524	rVB3	272653	553667	5.41%	0.368%
27	8.087	524	525	526	rBV	195560	149007	1.46%	0.099%
28	8.145	526	530	531	rBV	2591192	3033126	29.66%	2.016%
29	8.167	531	532	533	rBV	131810	126671	1.24%	0.084%
30	8.213	534	536	537	rVB	367370	339219	3.32%	0.225%
31	8.247	537	539	540	rBV2	128051	159399	1.56%	0.106%
32	8.270	540	541	542	rVB	288967	198087	1.94%	0.132%
33	8.316	542	545	547	rBV3	395649	850226	8.31%	0.565%
34	8.350	547	548	549	rVB	1213817	832678	8.14%	0.553%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.373	549	550	552	rVB2	150379	158999	1.55%	0.106%
36	8.419	552	554	557	rBV3	465100	911743	8.91%	0.606%
37	8.487	557	560	562	rBV3	496503	1132278	11.07%	0.753%
38	8.533	562	564	565	rVB2	422333	487208	4.76%	0.324%
39	8.567	565	567	572	rBV2	3446559	6694243	65.45%	4.450%
40	8.647	572	574	576	rBV2	723551	769895	7.53%	0.512%
41	8.693	576	578	580	rBV2	956589	1608056	15.72%	1.069%
42	8.762	582	584	586	rBV3	554548	1178033	11.52%	0.783%
43	8.830	588	590	592	rVB3	828124	1329267	13.00%	0.884%
44	8.899	593	596	597	rVB2	700922	969873	9.48%	0.645%
45	8.945	597	600	602	rBV3	906769	1912239	18.70%	1.271%
46	9.025	606	607	609	rBV2	446237	753909	7.37%	0.501%
47	9.139	615	617	618	rVB2	588869	543495	5.31%	0.361%
48	9.173	618	620	622	rBV	5895692	5217408	51.01%	3.468%
49	9.219	622	624	626	rVB	4909554	5606143	54.82%	3.726%
50	9.253	626	627	629	rBV2	173973	213665	2.09%	0.142%
51	9.299	629	631	634	rBV3	1951091	3048708	29.81%	2.027%
52	9.368	634	637	638	rBV3	712178	1256422	12.29%	0.835%
53	9.402	638	640	641	rBV2	352303	479284	4.69%	0.319%
54	9.425	641	642	643	rBV	697601	515794	5.04%	0.343%
55	9.493	647	648	649	rBV	724773	757873	7.41%	0.504%
56	9.630	657	660	662	rBV2	6432111	9116816	89.14%	6.060%
57	9.676	662	664	666	rVB3	761138	1289220	12.61%	0.857%
58	9.722	666	668	670	rBV3	565915	1050481	10.27%	0.698%
59	9.768	670	672	675	rBV4	1165548	2265641	22.15%	1.506%
60	9.813	675	676	677	rVB	2314930	1588042	15.53%	1.056%
61	9.848	677	679	680	rBV2	207355	164871	1.61%	0.110%
62	9.905	680	684	685	rVB3	1922545	3437983	33.62%	2.285%
63	9.939	685	687	688	rBV2	1004682	1117266	10.92%	0.743%
64	10.008	692	693	695	rBV2	683025	689502	6.74%	0.458%
65	10.099	699	701	702	rVV2	908929	978650	9.57%	0.651%
66	10.156	705	706	710	rVB3	1101720	1863369	18.22%	1.239%
67	10.225	710	712	714	rBV2	1501520	2149640	21.02%	1.429%
68	10.270	714	716	717	rBV	662264	528641	5.17%	0.351%
69	10.328	717	721	723	rBV3	1085812	1995286	19.51%	1.326%
70	10.442	729	731	734	rBV3	1290315	1510145	14.77%	1.004%
71	10.556	740	741	744	rVB	2222291	2196624	21.48%	1.460%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.602	744	745	748	rVB2	660668	861969	8.43%	0.573%
73	10.693	750	753	755	rVV3	3544160	4142228	40.50%	2.753%
74	10.728	755	756	759	rVB2	778676	1022464	10.00%	0.680%
75	10.831	762	765	767	rVV	8905586	10227278	100.00%	6.798%
76	10.888	768	770	771	rBV	1041811	1090663	10.66%	0.725%
77	11.025	780	782	788	rVB4	1319123	2949817	28.84%	1.961%
78	11.288	803	805	807	rVB	4966648	5243132	51.27%	3.485%
79	11.391	811	814	816	rBV	1059232	1639903	16.03%	1.090%
80	11.505	821	824	825	rBV2	580152	920999	9.01%	0.612%
81	11.631	833	835	837	rBV2	1062226	1585876	15.51%	1.054%
82	12.122	876	878	880	rVB2	307556	304457	2.98%	0.202%
83	12.442	904	906	912	rVB3	458392	1047108	10.24%	0.696%
84	12.854	940	942	943	rBV2	224186	264586	2.59%	0.176%
85	12.968	950	952	955	rVB	4432013	4358890	42.62%	2.897%
86	13.871	1029	1031	1041	rVB2	259514	389818	3.81%	0.259%
87	14.019	1041	1044	1045	rBV	946687	1257786	12.30%	0.836%
88	15.037	1131	1133	1138	rVB	94202	176691	1.73%	0.117%
89	15.448	1166	1169	1171	rBV	798458	1104198	10.80%	0.734%

Sum of corrected areas: 150440092

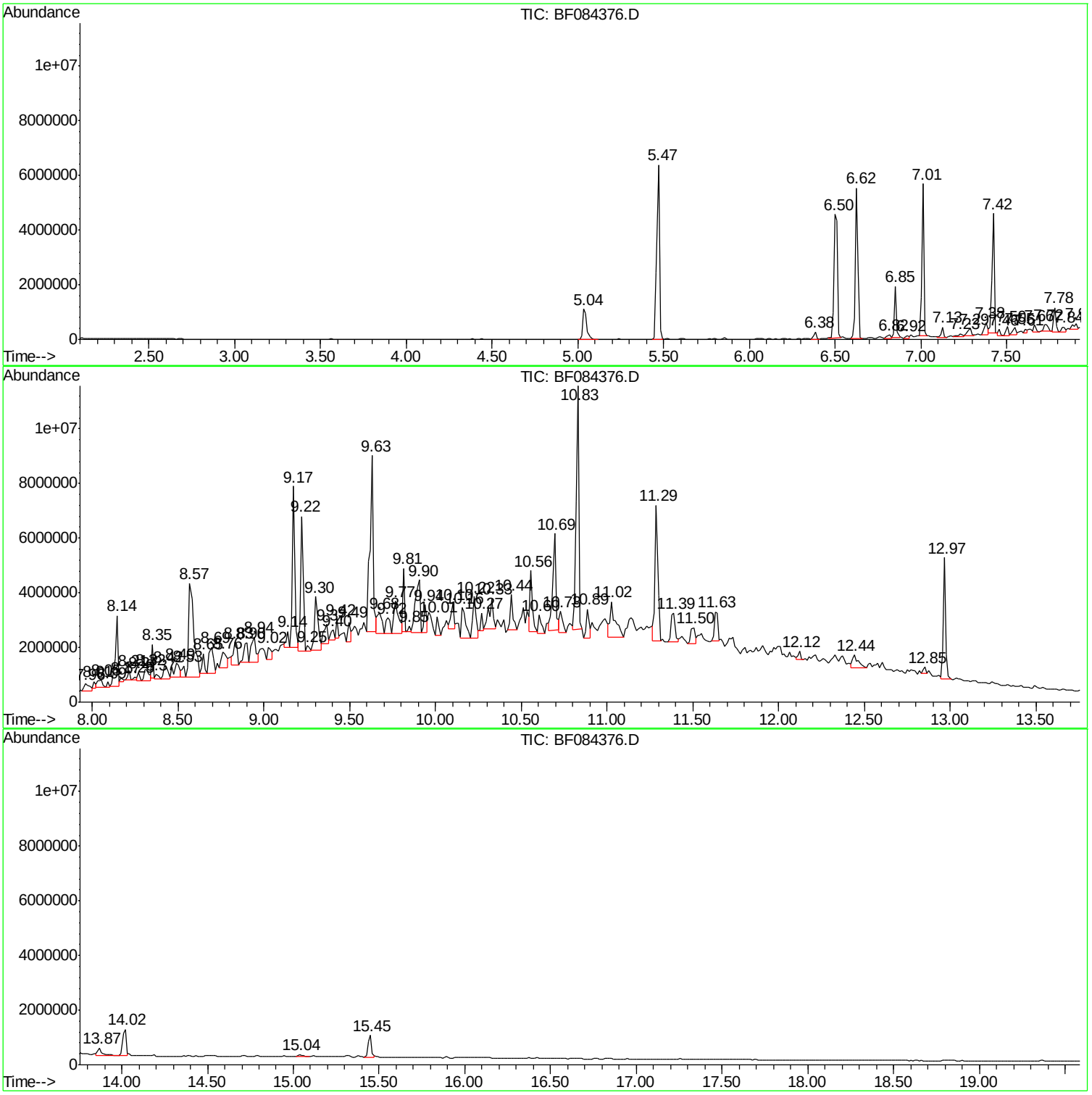
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

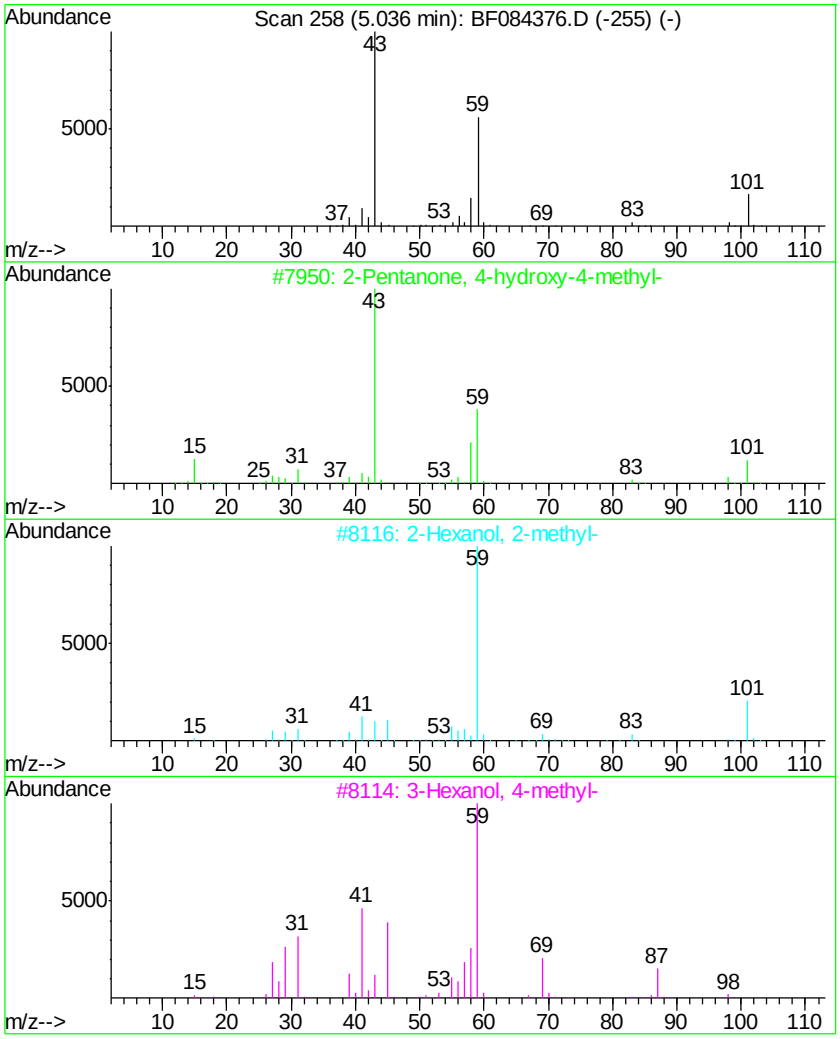
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

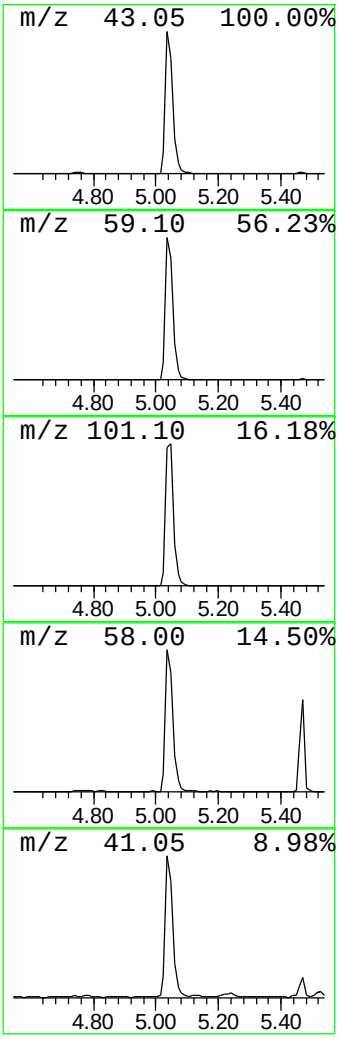
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	22.73 ng	1772390	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

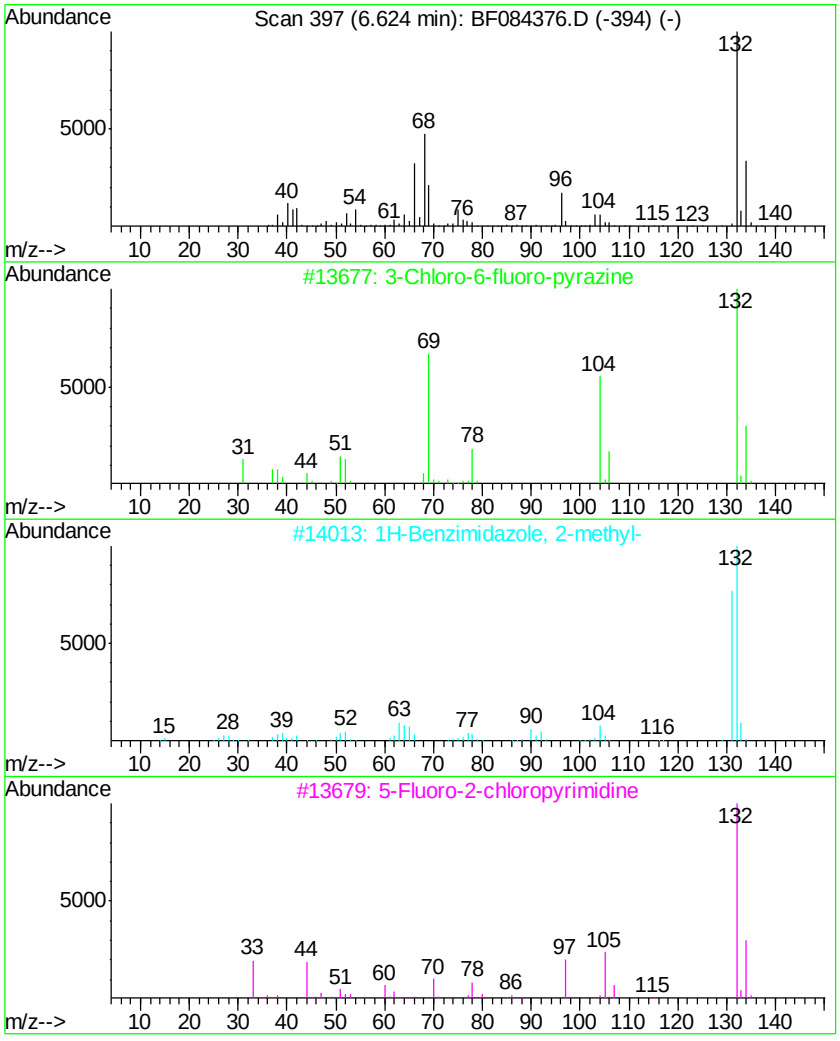
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

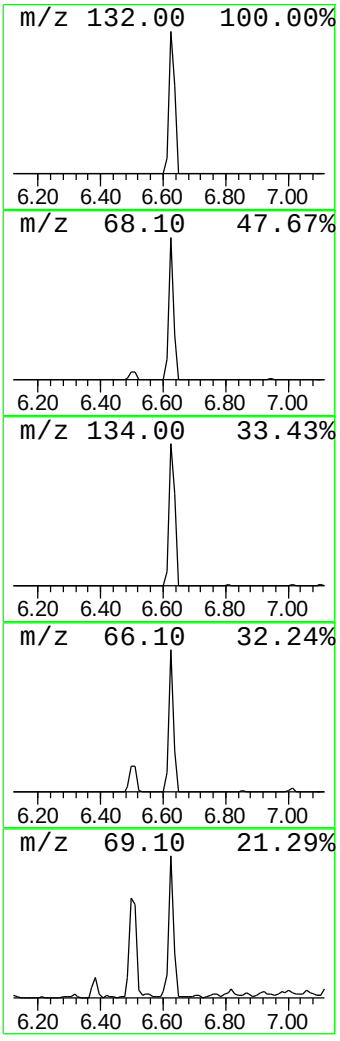
****

Peak Number 2 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	77.34 ng	6031620	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

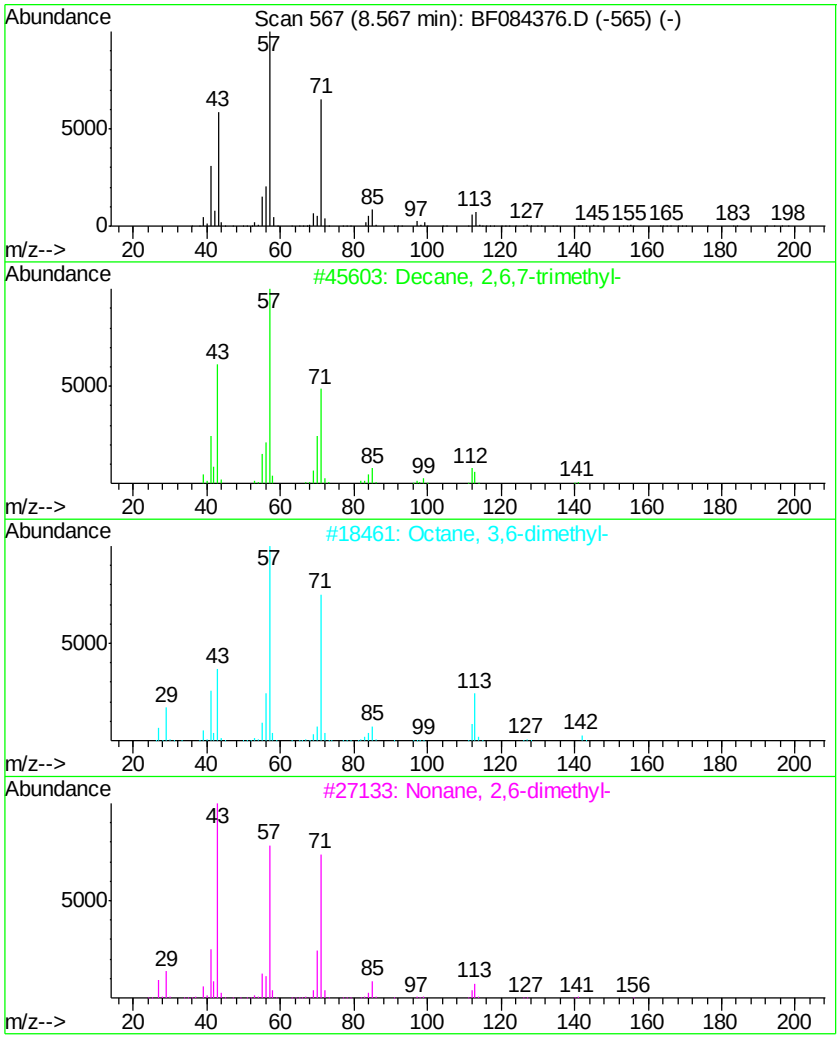
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

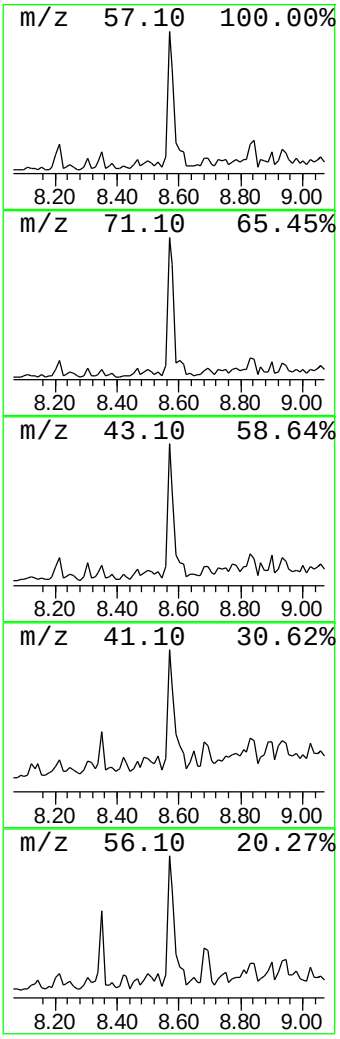
****

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	44.14 ng	6694240	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

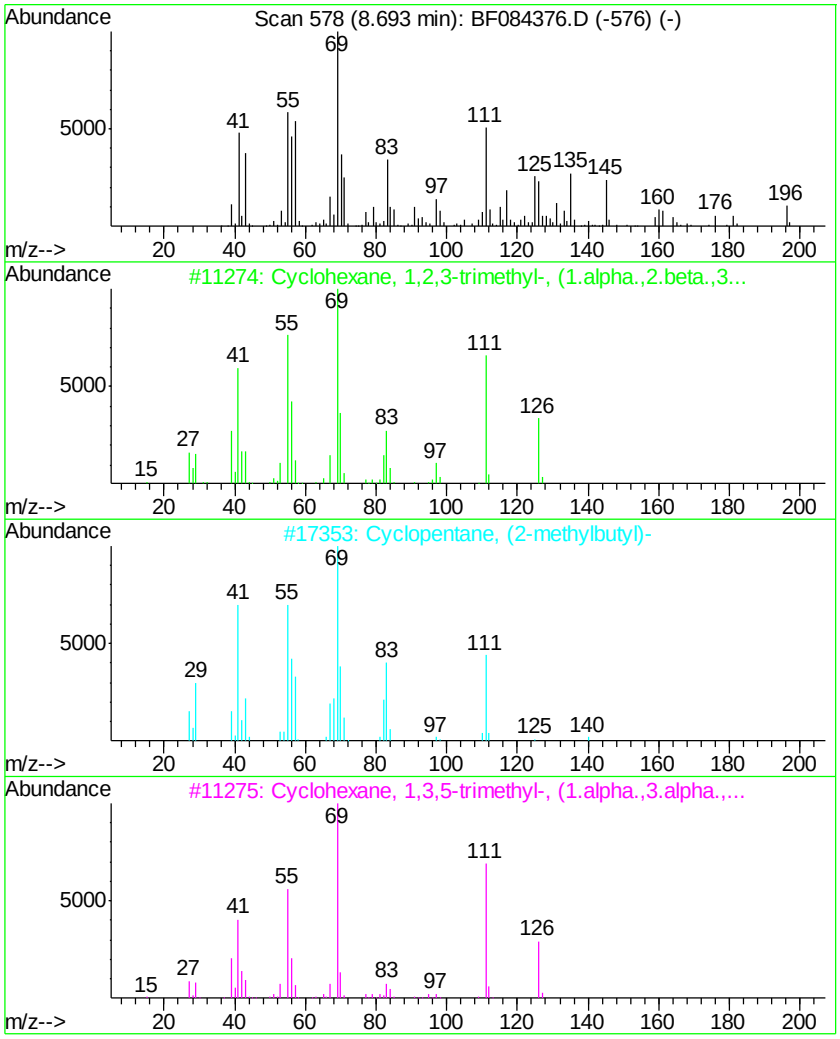
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

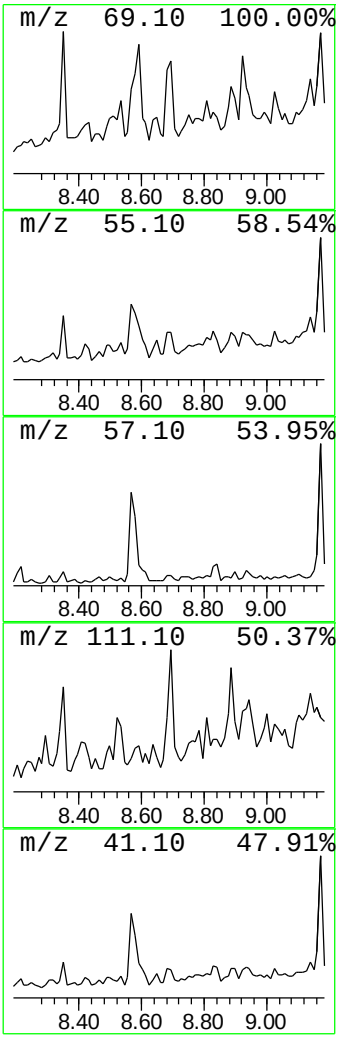
****

Peak Number 5 Cyclohexane, 1,2,3-trimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	10.60 ng	1608060	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	60
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	60
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	47
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	38
5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

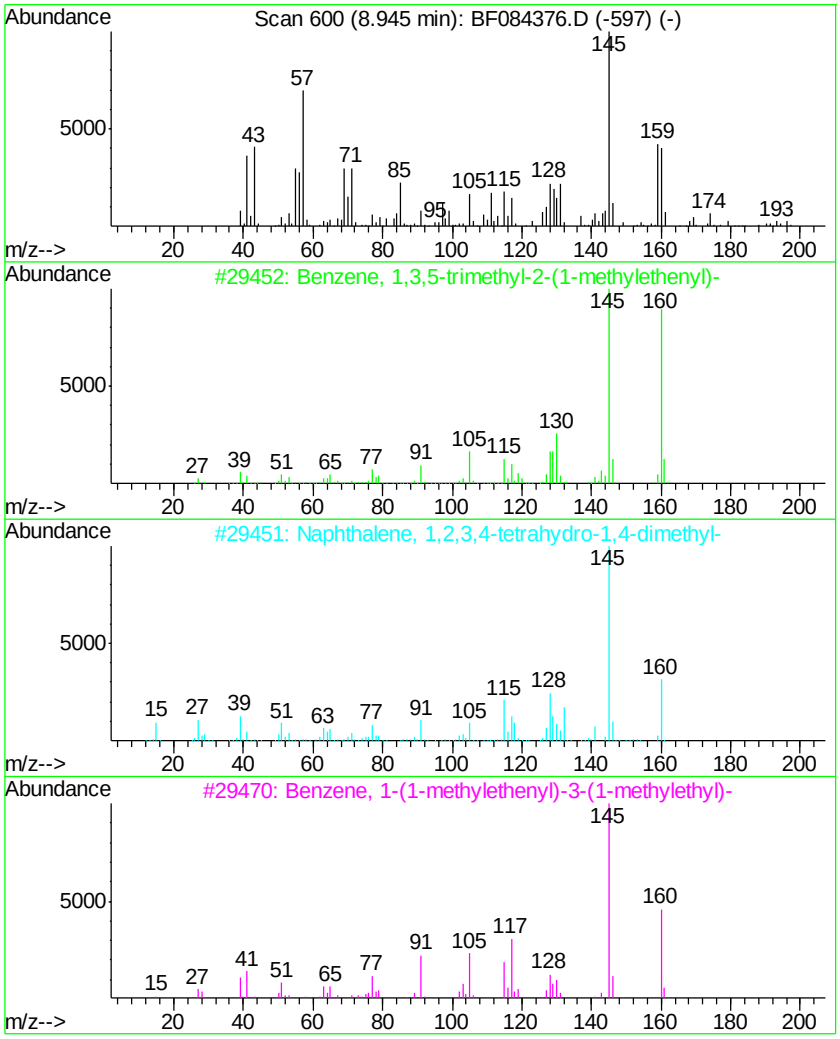
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

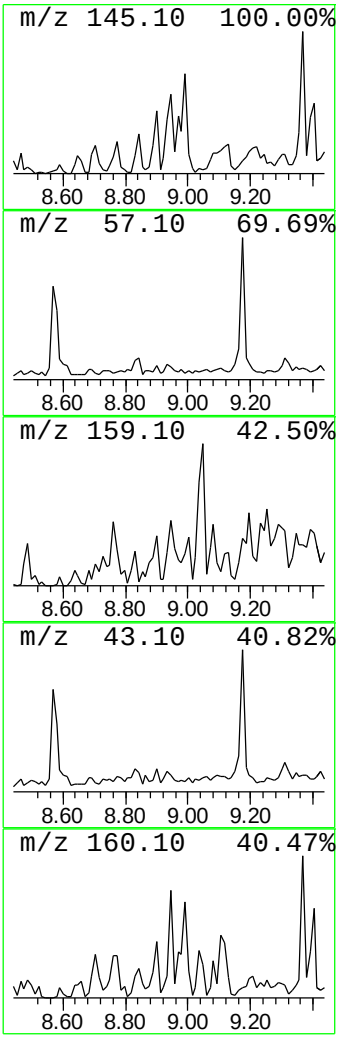
****

Peak Number 6 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	12.61 ng	1912240	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	52
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

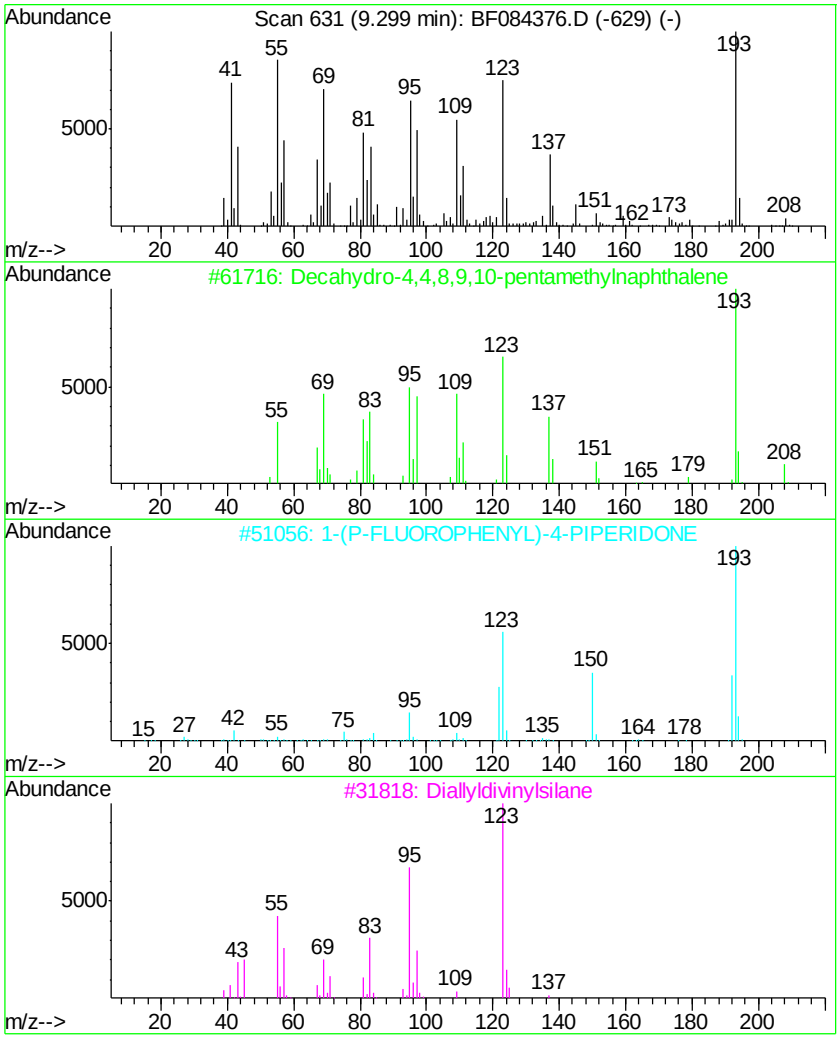
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

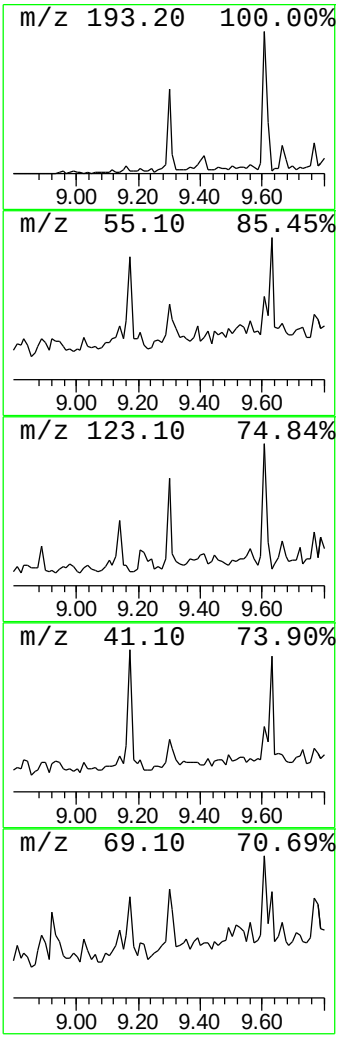
****

Peak Number 7 Decahydro-4,4,8,9,10-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	17.74 ng	3048710	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	43
3	Diallyldivinylsilane	164	C10H16Si	119901-88-1	35
4	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	27
5	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-95-1	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

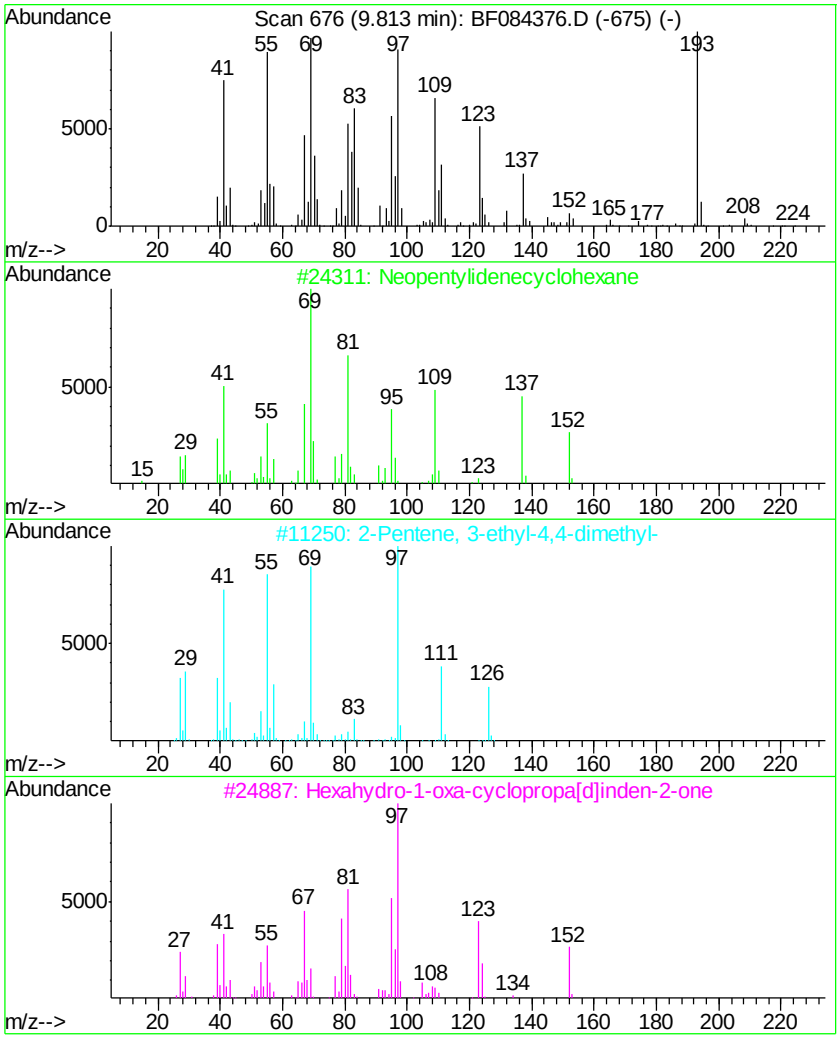
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

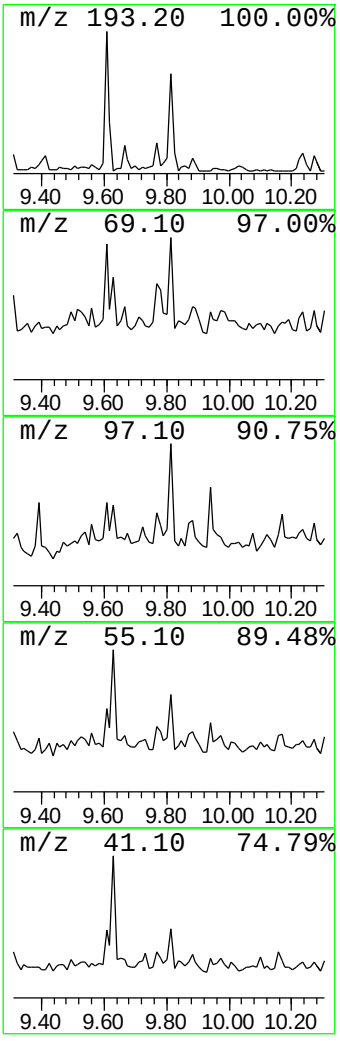
****

Peak Number 9 unknown9.81 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	9.24 ng	1588040	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	41
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3	Hexahydro-1-oxa-cyclopropa[d]ind...	152	C9H12O2	037643-23-5	27
4	2-Butenamide, 2,3-dimethyl-N-phe...	189	C12H15NO	024735-54-4	22
5	Cyclopentanecarboxylic acid, 3-p...	324	C21H40O2	1000280-59-1	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

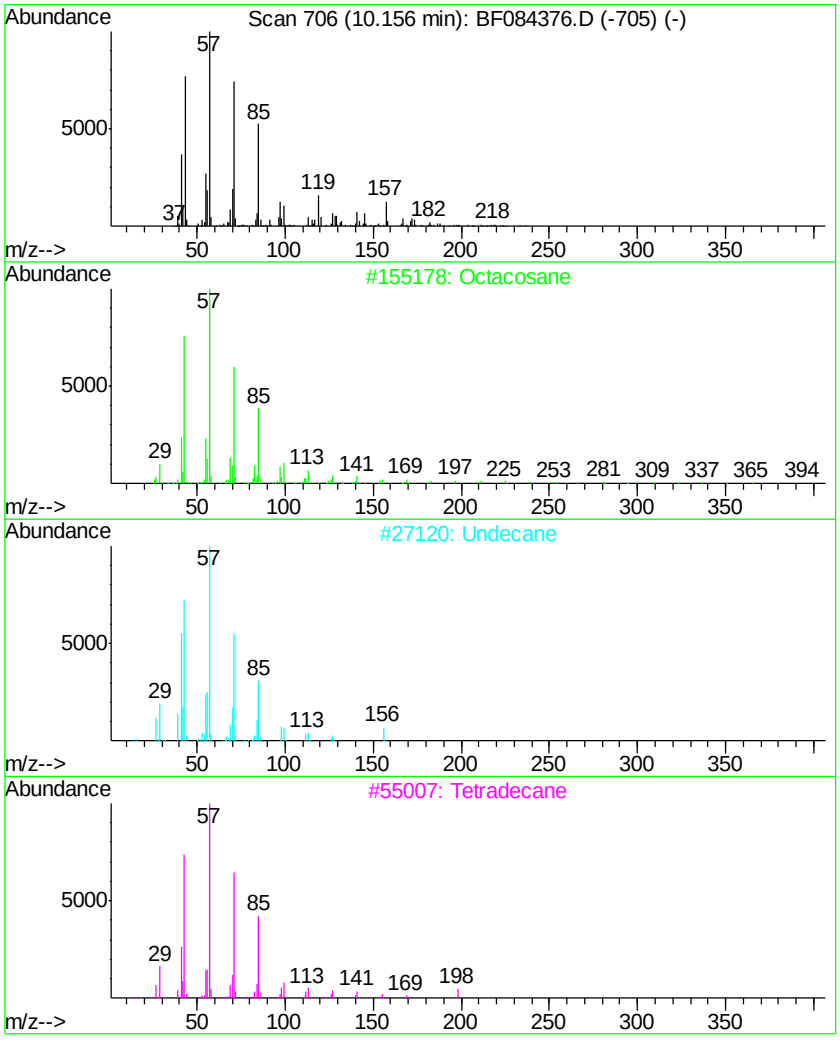
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

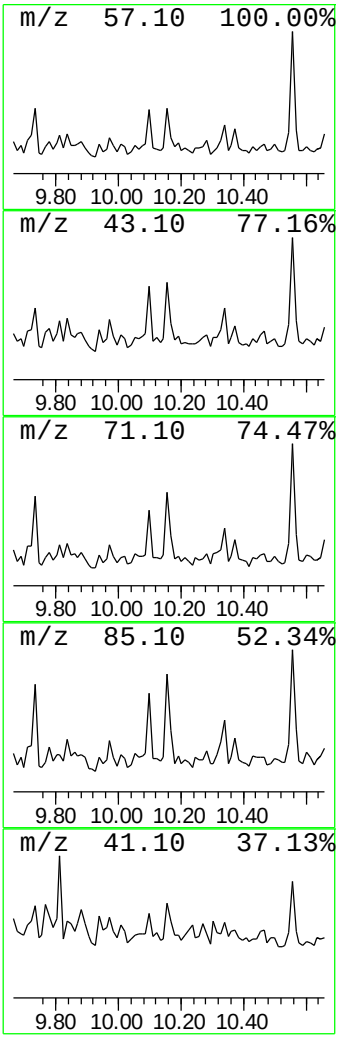
****

Peak Number 10 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	10.84 ng	1863370	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	80
2	Undecane	156	C11H24	001120-21-4	68
3	Tetradecane	198	C14H30	000629-59-4	64
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Nonadecane	268	C19H40	000629-92-5	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

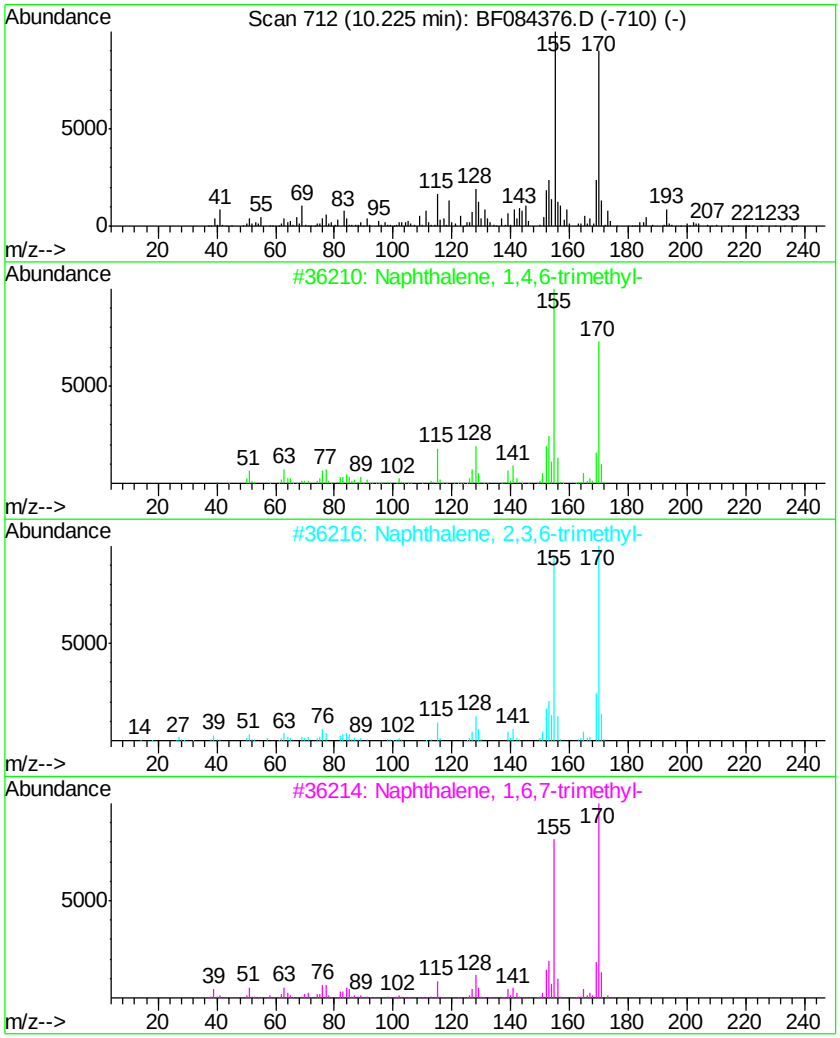
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

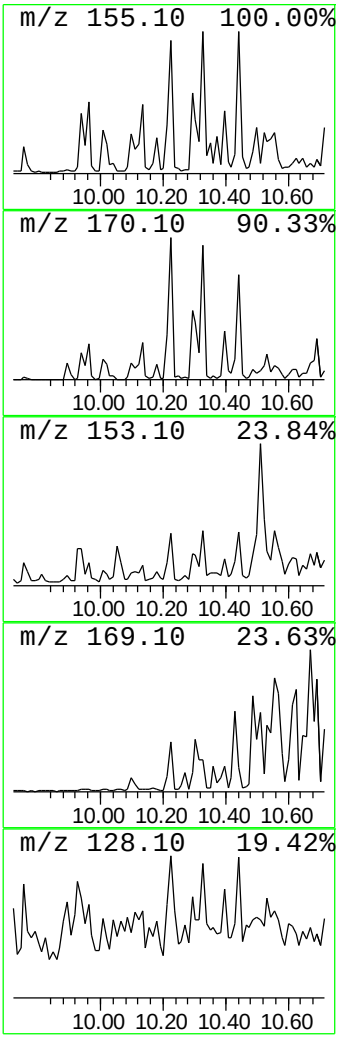
****

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	12.51 ng	2149640	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	96
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

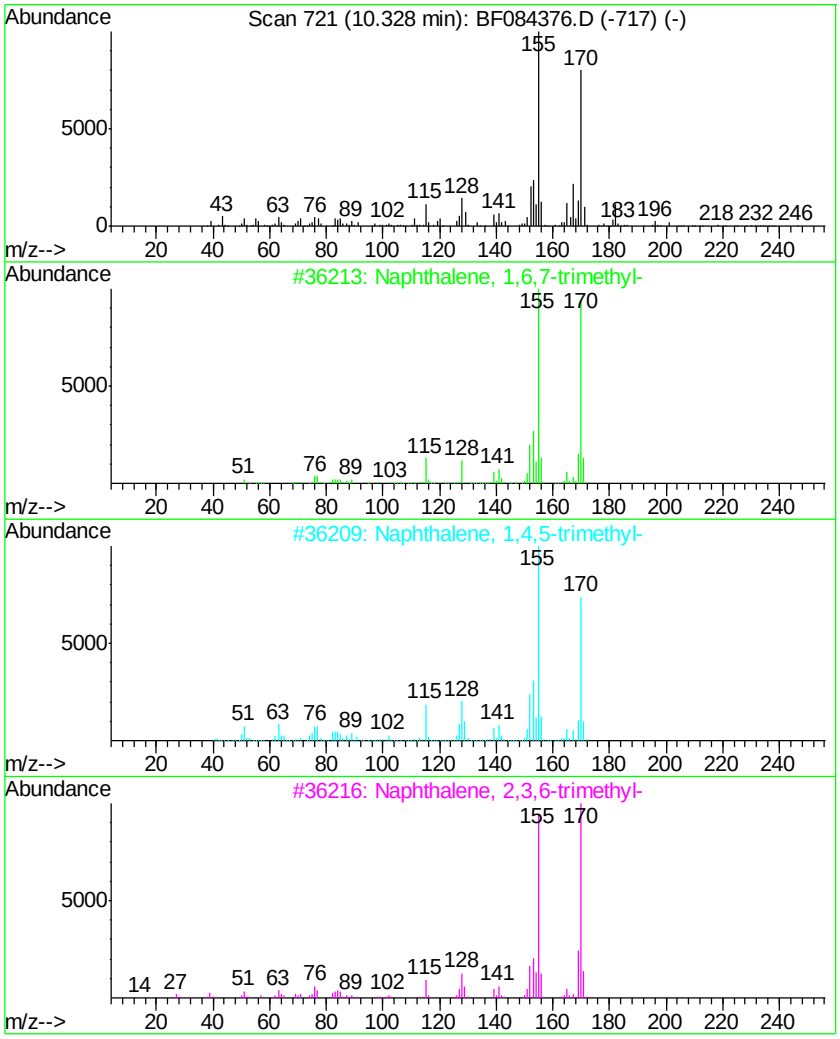
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

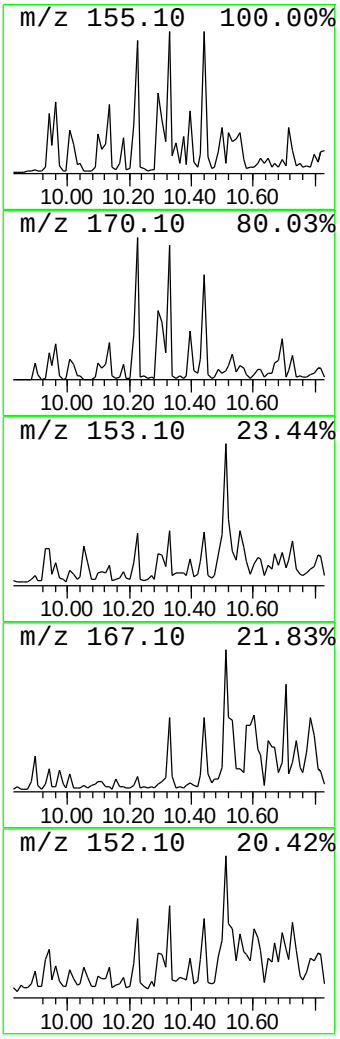
****

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	11.61 ng	1995290	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	76





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

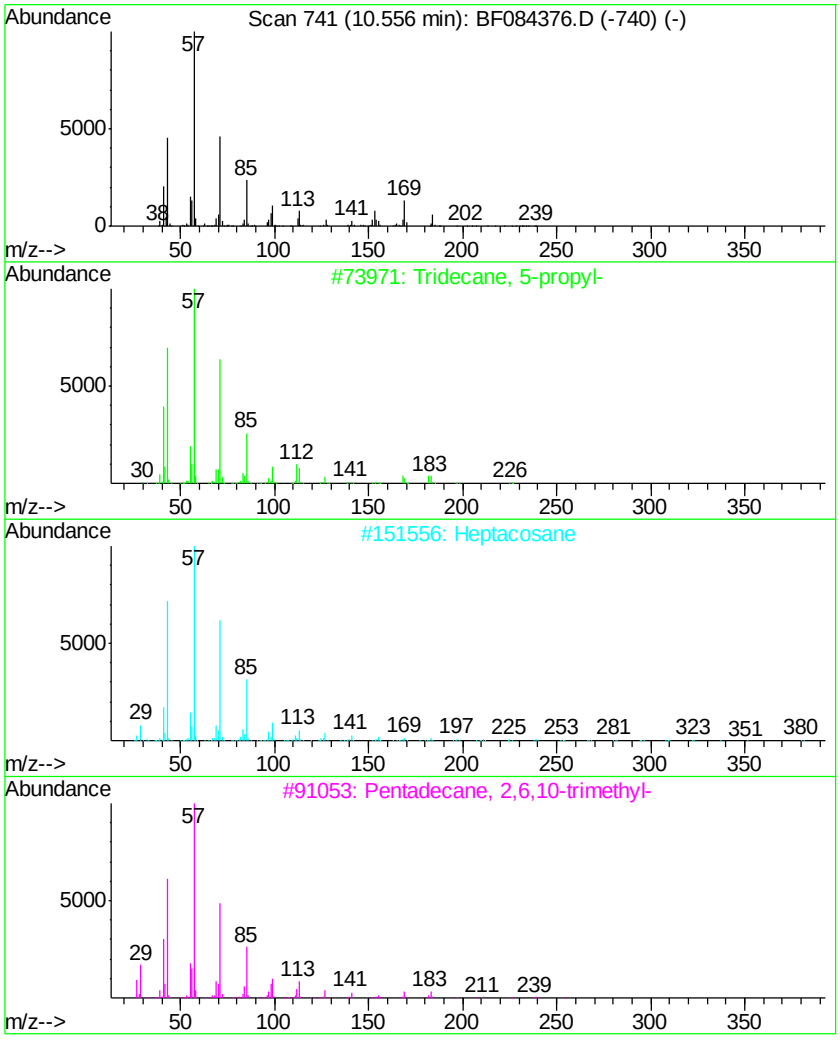
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

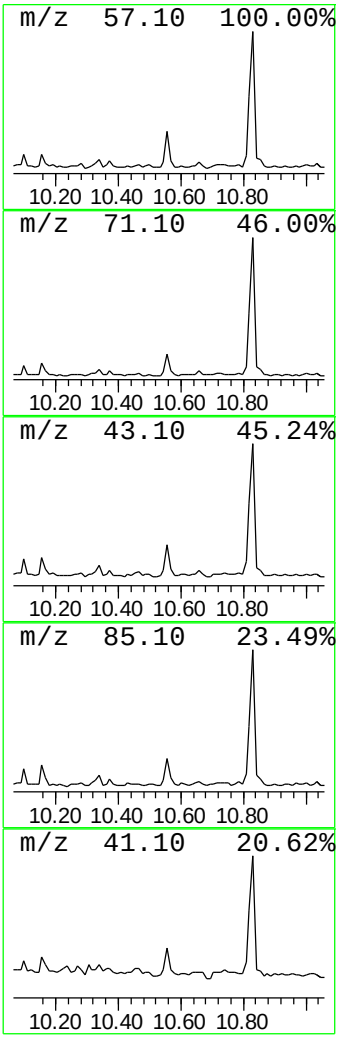
****

Peak Number 13 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	12.78 ng	2196620	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
2	Heptacosane	380	C27H56	000593-49-7	72
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

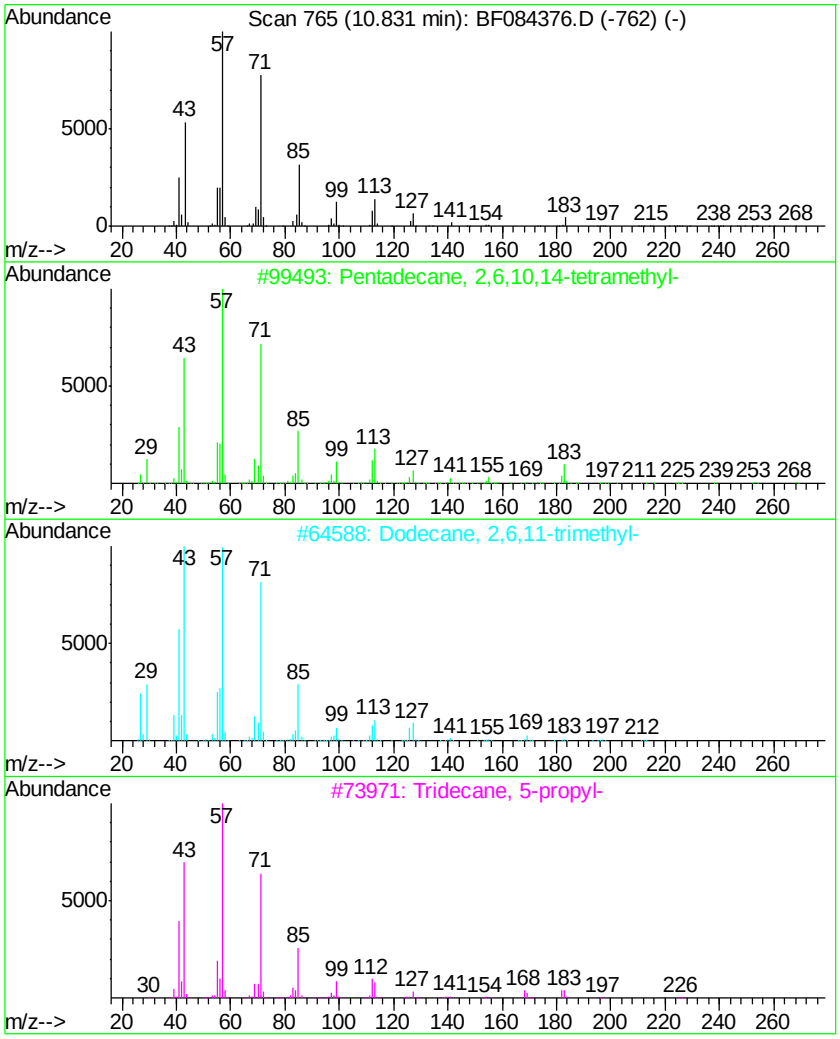
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

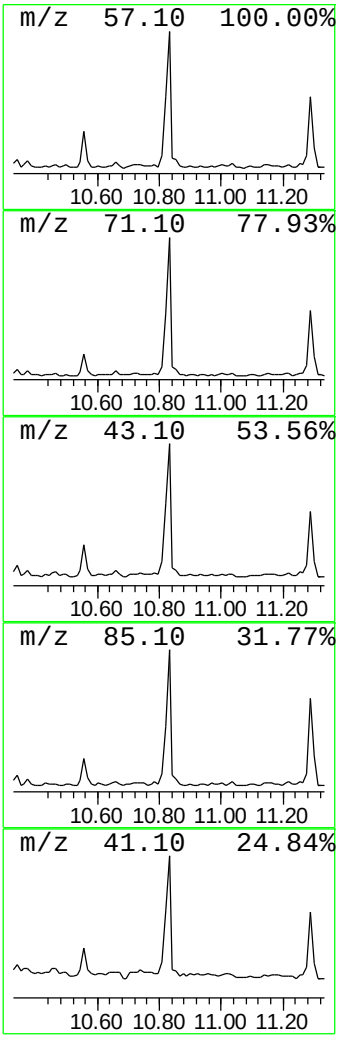
****

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	124.73 ng	10227300	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

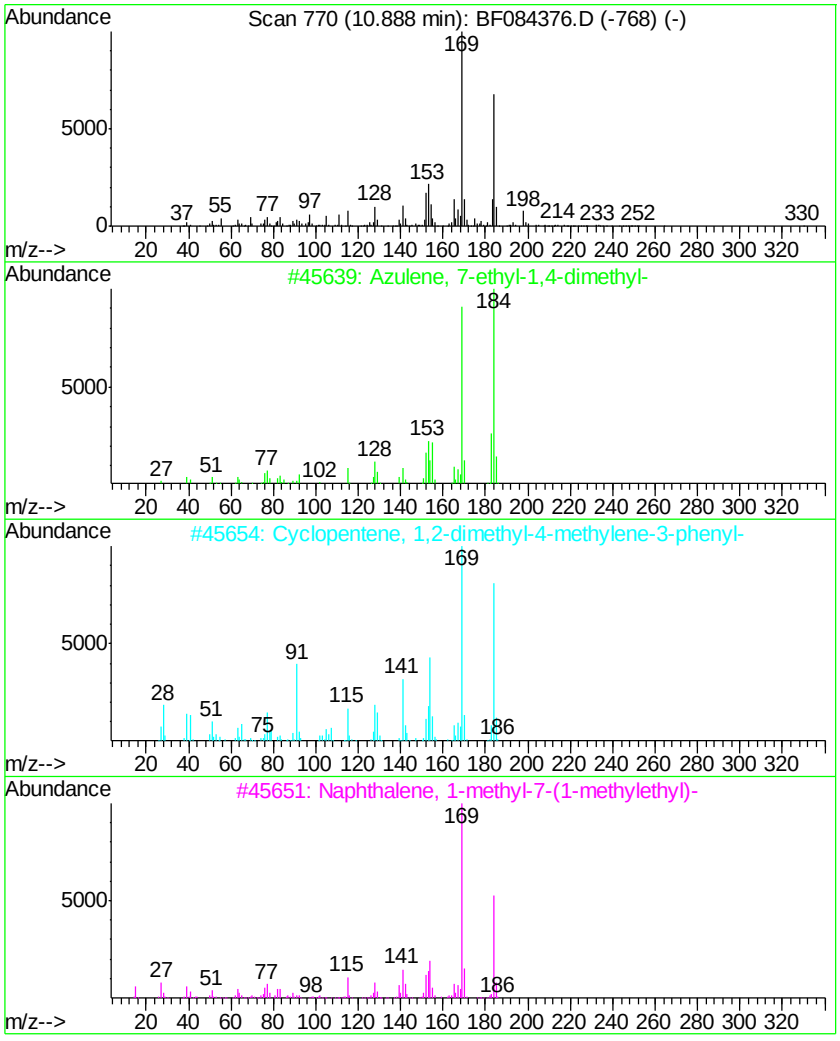
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

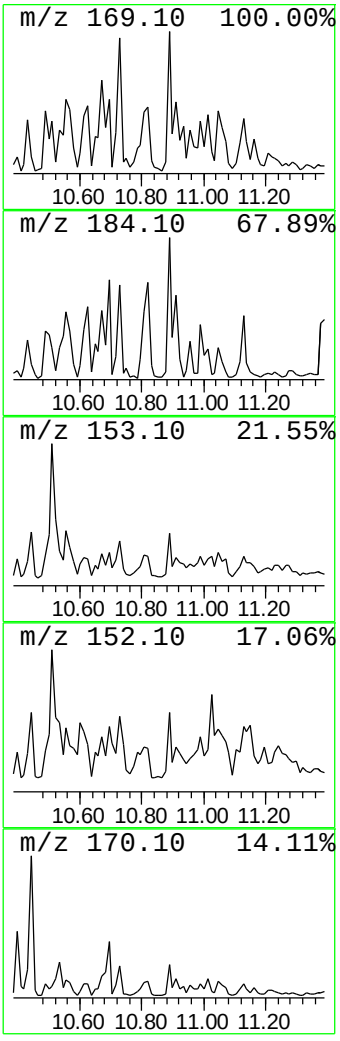
****

Peak Number 15 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	13.30 ng	1090660	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	94
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	86
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	60
5	2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	028239-45-4	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

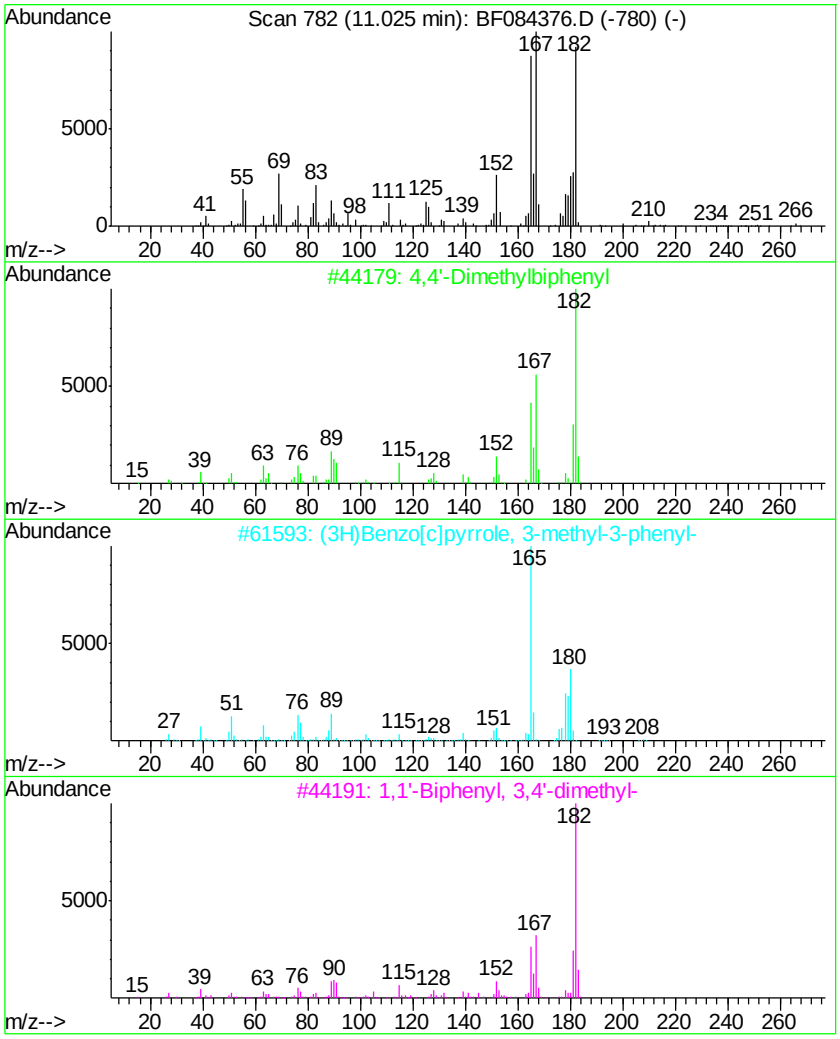
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

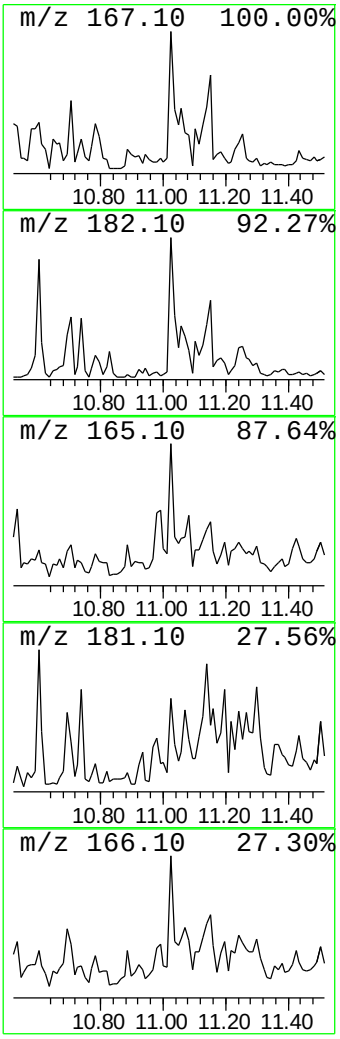
****

Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	35.98 ng	2949820	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
2	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	81
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	74
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	72
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

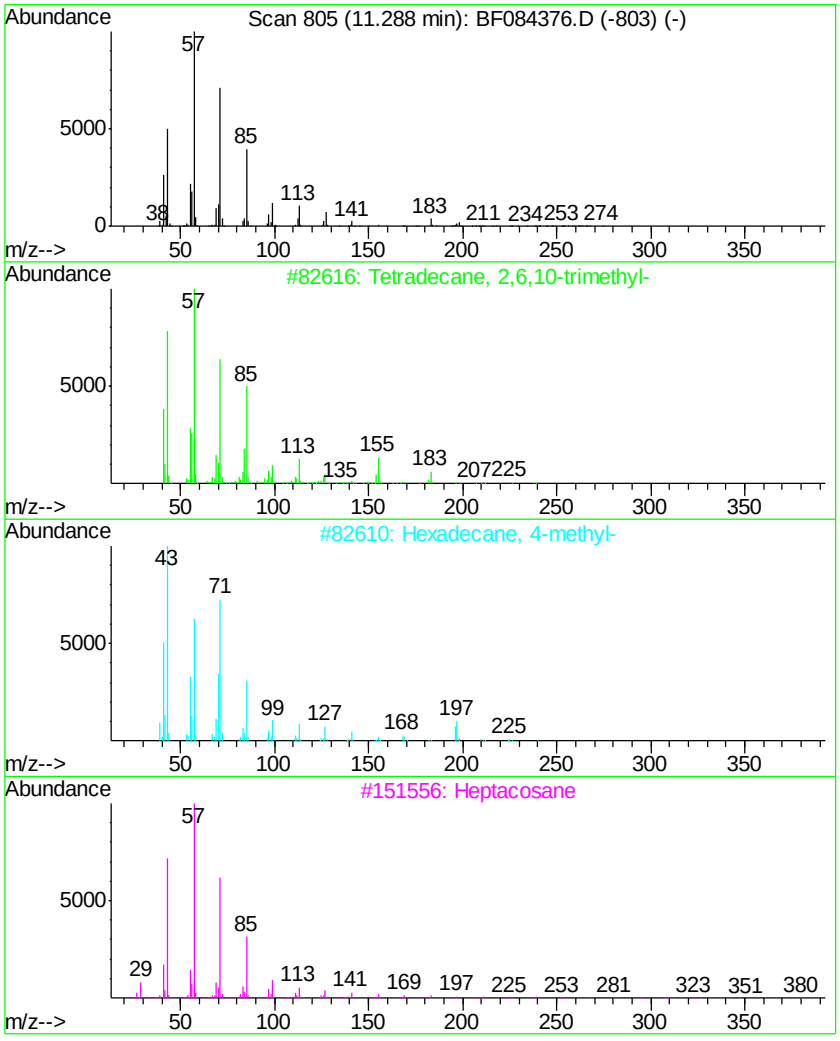
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

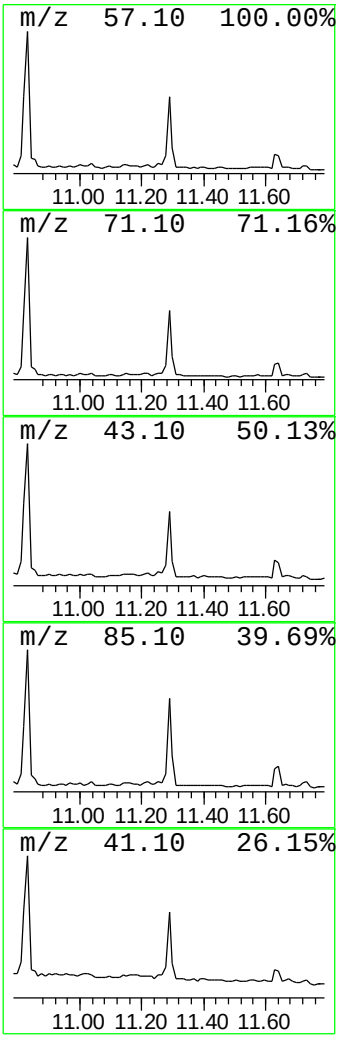
****

Peak Number 17 Tetradecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	63.94 ng	5243130	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
2	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

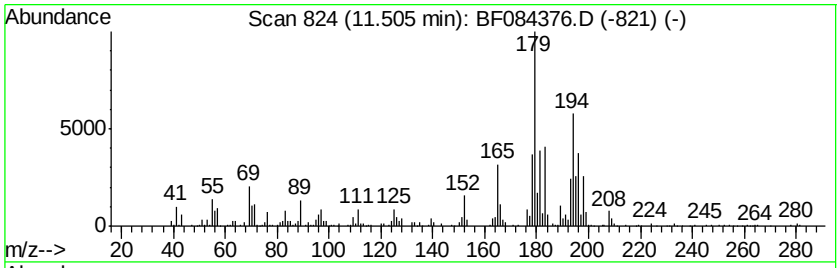
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

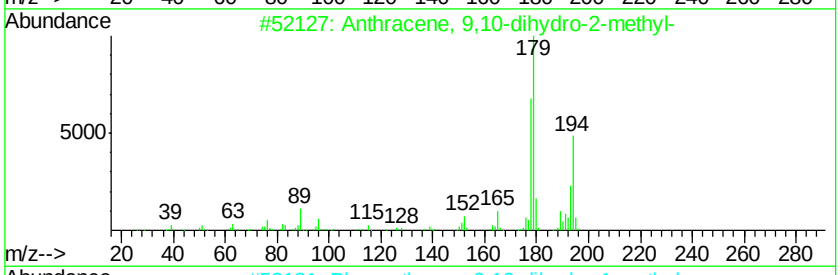
****

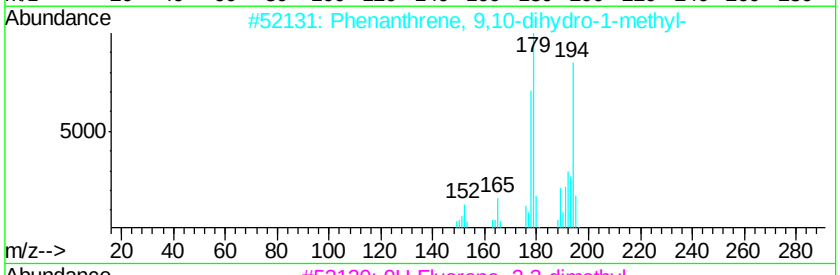
Peak Number 18 Anthracene, 9,10-dihydro-2-... Concentration Rank 17

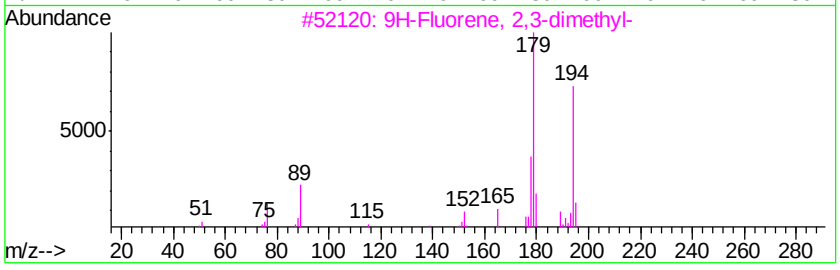
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	11.23 ng	920999	Phenanthrene-d10	11.39

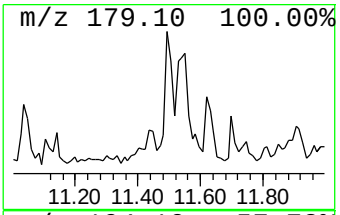
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	50
2	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	43
3	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	43
4	.alpha.-Methylstilbene	194	C15H14	000779-51-1	43
5	Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	41

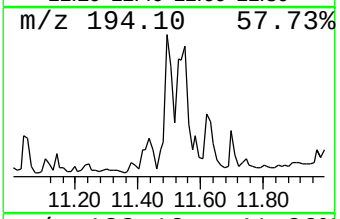


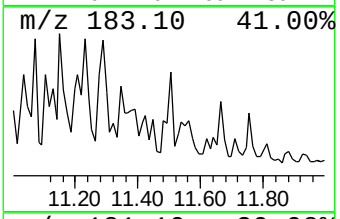


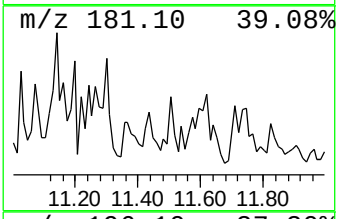


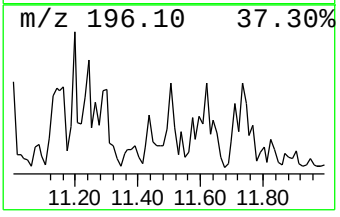












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

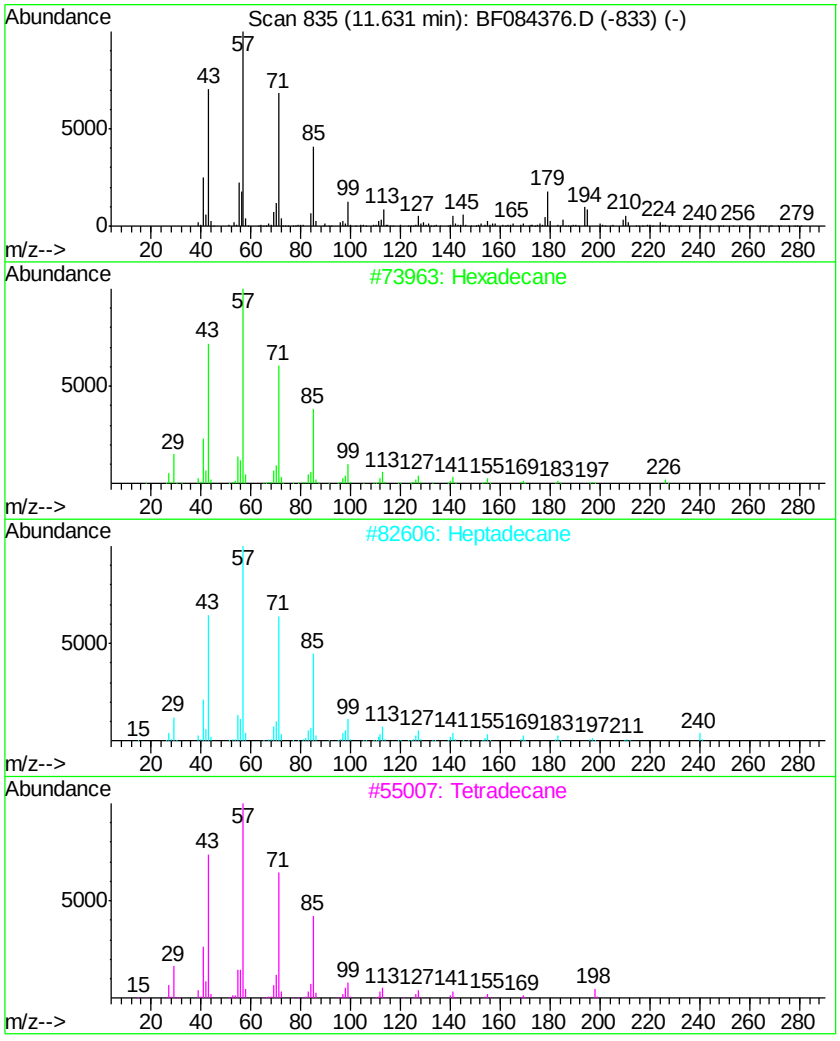
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

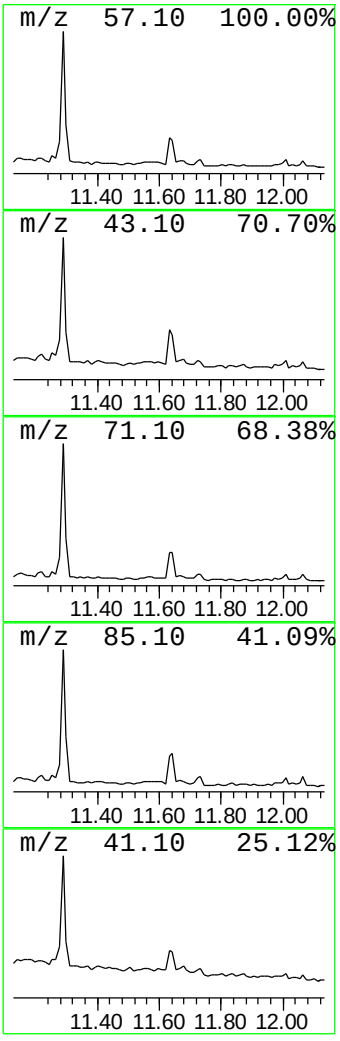
****

Peak Number 19 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	19.34 ng	1585880	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Heptadecane	240	C17H36	000629-78-7	68
3	Tetradecane	198	C14H30	000629-59-4	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Tetracosane	338	C24H50	000646-31-1	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

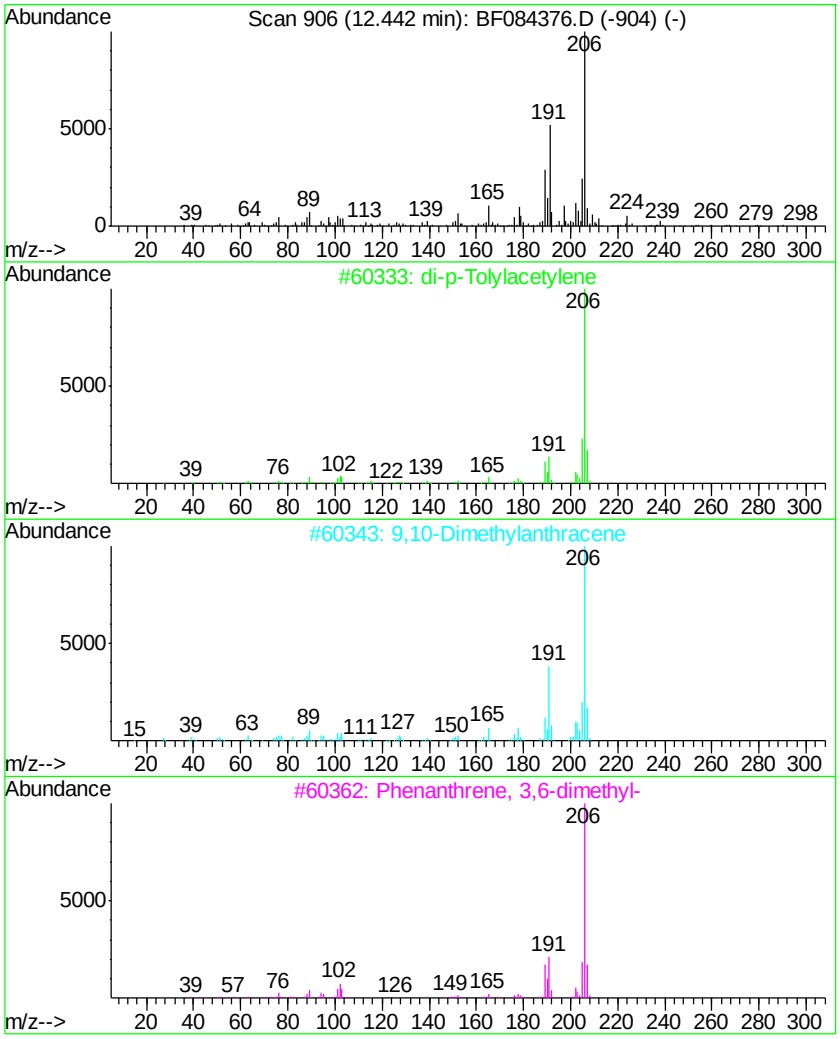
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

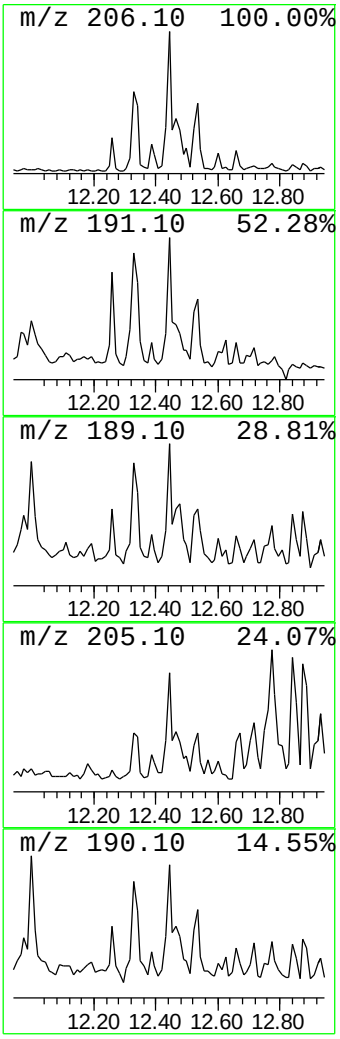
****

Peak Number 20 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	12.77 ng	1047110	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	68
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084376.D
Acq On : 11 Jan 2016 13:34
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	5.04	22.7	ng	1772390	1	6.85	1559700	20.0
unknown6.62	6.62	77.3	ng	6031620	1	6.85	1559700	20.0
Decane, 2,6,7-tri...	8.57	44.1	ng	6694240	2	8.14	3033130	20.0
Cyclohexane, 1,2,...	8.69	10.6	ng	1608060	2	8.14	3033130	20.0
Benzene, 1,3,5-tr...	8.94	12.6	ng	1912240	2	8.14	3033130	20.0
Decahydro-4,4,8,9...	9.30	17.7	ng	3048710	3	9.90	3437980	20.0
unknown9.81	9.81	9.2	ng	1588040	3	9.90	3437980	20.0
Octacosane	10.16	10.8	ng	1863370	3	9.90	3437980	20.0
Naphthalene, 1,4,...	10.22	12.5	ng	2149640	3	9.90	3437980	20.0
Naphthalene, 1,6,...	10.33	11.6	ng	1995290	3	9.90	3437980	20.0
Tridecane, 5-propyl-	10.56	12.8	ng	2196620	3	9.90	3437980	20.0
Pentadecane, 2,6,...	10.83	124.7	ng	10227300	4	11.39	1639900	20.0
Azulene, 7-ethyl-...	10.89	13.3	ng	1090660	4	11.39	1639900	20.0
4,4'-Dimethylbiph...	11.02	36.0	ng	2949820	4	11.39	1639900	20.0
Tetradecane, 2,6,...	11.29	63.9	ng	5243130	4	11.39	1639900	20.0
Anthracene, 9,10-...	11.50	11.2	ng	920999	4	11.39	1639900	20.0
Hexadecane	11.63	19.3	ng	1585880	4	11.39	1639900	20.0
di-p-Tolylacetylene	12.44	12.8	ng	1047110	4	11.39	1639900	20.0