LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

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-BF103015.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	3.858	151	155	158	rVB	3586061	5169852	73.30%	5.420%
2	5.059	257	260	262	rBV	850909	1115634	15.82%	1.170%
3	5.344	282	285	287	rBV	1560679	1614488	22.89%	1.693%
4	5.470	292	296	299	rBV2	2785457	5380913	76.29%	5.641%
5	5.699	314	316	320	rBV2	1590886	2520447	35.74%	2.642%
6	6.407	375	378	379	rBV	147327	155276	2.20%	0.163%
7	6.430	379	380	382	rVV	124853	128592	1.82%	0.135%
8	6.499	382	386	389	rVV	2242002	2402360	34.06%	2.519%
9	6.567	389	392	393	rVV	161568	155528	2.21%	0.163%
10	6.590	393	394	396	rVB	100852	82032	1.16%	0.086%
11	6.647	396	399	401	rBV	5391796	5681762	80.56%	5.957%
12	6.705	402	404	407	rVV2	1434857	1753504	24.86%	1.838%
13	6.750	407	408	410	rVB	448654	350228	4.97%	0.367%
14	6.876	417	419	421	rVV	1623044	1352106	19.17%	1.418%
15	6.945	423	425	426	rVV	276801	367814	5.21%	0.386%
16	6.979	426	428	429	rVV	104053	87537	1.24%	0.092%
17	7.036	429	433	434	rVV	5547212	5015421	71.11%	5.258%
18	7.059	434	435	437	rVB	485363	392919	5.57%	0.412%
19	7.139	440	442	445	rVV	4398099	4000841	56.72%	4.194%
20	7.207	445	448	453	rVV2	77737	178845	2.54%	0.188%
21	7.276	453	454	457	rVB2	109559	132931	1.88%	0.139%
22	7.436	465	468	471	rVB	3132724	4495177	63.73%	4.713%
23	7.493	471	473	475	rBV	199511	202869	2.88%	0.213%
24	7.653	484	487	488	rBV2	60155	107227	1.52%	0.112%
25	7.676	488	489	491	rVB	83217	113939	1.62%	0.119%
26	7.710	491	492	494	rBV	104863	170081	2.41%	0.178%
27	7.756	494	496	499	rVV2	240371	290034	4.11%	0.304%
28	7.813	499	501	506	rVB2	214511	295285	4.19%	0.310%
29	7.916	506	510	511	rBV3	612460	751105	10.65%	0.787%
30	7.950	511	513	517	rVB	690187	946748	13.42%	0.993%
31	8.168	529	532	536	rBV2	1618682	2690999	38.15%	2.821%
32	8.236	536	538	540	rBV	477960	412077	5.84%	0.432%
33	8.316	543	545	548	rBV	1685570	1609318	22.82%	1.687%
34	8.430	552	555	556	rVV3	68659	121744	1.73%	0.128%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.488	559	560	565	rVV3	44150	102491	1.45%	0.107%
36	8.602	568	570	571	rVV	89311	107172	1.52%	0.112%
37	8.636	571	573	574	rVV	213912	250942	3.56%	0.263%
38	8.659	574	575	578	rVV	380717	391946	5.56%	0.411%
39	8.728	578	581	582	rVV3	39933	76949	1.09%	0.081%
40	8.750	582	583	584	rVV	222794	160547	2.28%	0.168%
41	8.830	588	590	592	rVV	428508	469205	6.65%	0.492%
42	8.876	592	594	597	rVV	2203154	1986189	28.16%	2.082%
43	8.979	600	603	605	rVB	4267149	3986080	56.52%	4.179%
44	9.070	607	611	613	rVB3	48601	89306	1.27%	0.094%
45	9.139	613	617	622	rBV6	105850	163524	2.32%	0.171%
46	9.242	624	626	629	rVV	5720629	7053057	100.00%	7.394%
47	9.288	629	630	633	rVB2	66106	80299	1.14%	0.084%
48	9.345	633	635	637	rBV	516151	469295	6.65%	0.492%
49	9.425	638	642	643	rBV3	99367	198030	2.81%	0.208%
50	9.505	647	649	653	rVB2	487775	702918	9.97%	0.737%
51	9.573	653	655	657	rBV	471283	720359	10.21%	0.755%
52	9.642	659	661	664	rVV	429559	478575	6.79%	0.502%
53	9.699	664	666	668	rVV	232641	306994	4.35%	0.322%
54	9.779	671	673	675	rVV	2181114	1762647	24.99%	1.848%
55	9.916	683	685	687	rBV2	1674937	1742470	24.71%	1.827%
56	9.951	687	688	691	rVB	1181379	959442	13.60%	1.006%
57	10.008	691	693	696	rBV	436786	460712	6.53%	0.483%
58	10.122	701	703	705	rVB	182832	198139	2.81%	0.208%
59	10.168	705	707	709	rBV	186142	192533	2.73%	0.202%
60	10.213	709	711	714	rBV2	122867	245950	3.49%	0.258%
61	10.339	718	722	723	rBV	162743	183540	2.60%	0.192%
62	10.373	723	725	726	rBV2	115627	204402	2.90%	0.214%
63	10.396	726	727	729	rVV	1012765	912759	12.94%	0.957%
64	10.431	729	730	732	rVV	383462	415825	5.90%	0.436%
65	10.465	732	733	737	rVB	1006576	834824	11.84%	0.875%
66	10.545	737	740	741	rBV2	106981	181120	2.57%	0.190%
67	10.568	741	742	744	rVB2	67701	79181	1.12%	0.083%
68	10.705	751	754	756	rBV2	4090634	4704679	66.70%	4.932%
69	10.739	756	757	761	rVB	55161	74014	1.05%	0.078%
70	10.831	761	765	767	rBV	301975	433399	6.14%	0.454%
71	10.922	770	773	775	rBV3	43428	104873	1.49%	0.110%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.048	782	784	787	rVB4	63997	114049	1.62%	0.120%
73	11.128	790	791	795	rBV	216491	303242	4.30%	0.318%
74	11.299	803	806	808	rBV2	254275	478241	6.78%	0.501%
75	11.334	808	809	813	rVV2	141287	230737	3.27%	0.242%
76	11.402	813	815	816	rVV	2126104	1827815	25.92%	1.916%
77	11.459	819	820	823	rVV2	98863	165847	2.35%	0.174%
78	11.516	823	825	829	rVB3	46680	101993	1.45%	0.107%
79	11.631	832	835	836	rVB	84122	104099	1.48%	0.109%
80	11.711	839	842	845	rBV4	49817	88485	1.25%	0.093%
81	11.779	845	848	849	rBV	94080	139572	1.98%	0.146%
82	11.939	860	862	864	rBV2	421079	403451	5.72%	0.423%
83	12.019	866	869	872	rVB	88722	147224	2.09%	0.154%
84	12.648	922	924	928	rVV4	42161	82524	1.17%	0.087%
85	12.728	928	931	937	rVV2	251392	313531	4.45%	0.329%
86	12.819	937	939	943	rVB2	69214	151458	2.15%	0.159%
87	12.991	952	954	957	rBV	4905824	6116102	86.72%	6.412%
88	13.562	1003	1004	1010	rVB2	45780	81537	1.16%	0.085%
89	13.905	1032	1034	1043	rVB	157030	229228	3.25%	0.240%
90	14.042	1043	1046	1048	rBV	1223566	1316187	18.66%	1.380%
91	14.145	1053	1055	1057	rBV	86533	78464	1.11%	0.082%
92	15.483	1169	1172	1174	rBV	778305	1076563	15.26%	1.129%
93	15.700	1189	1191	1195	rVB	64418	102659	1.46%	0.108%

Sum of corrected areas: 95383028

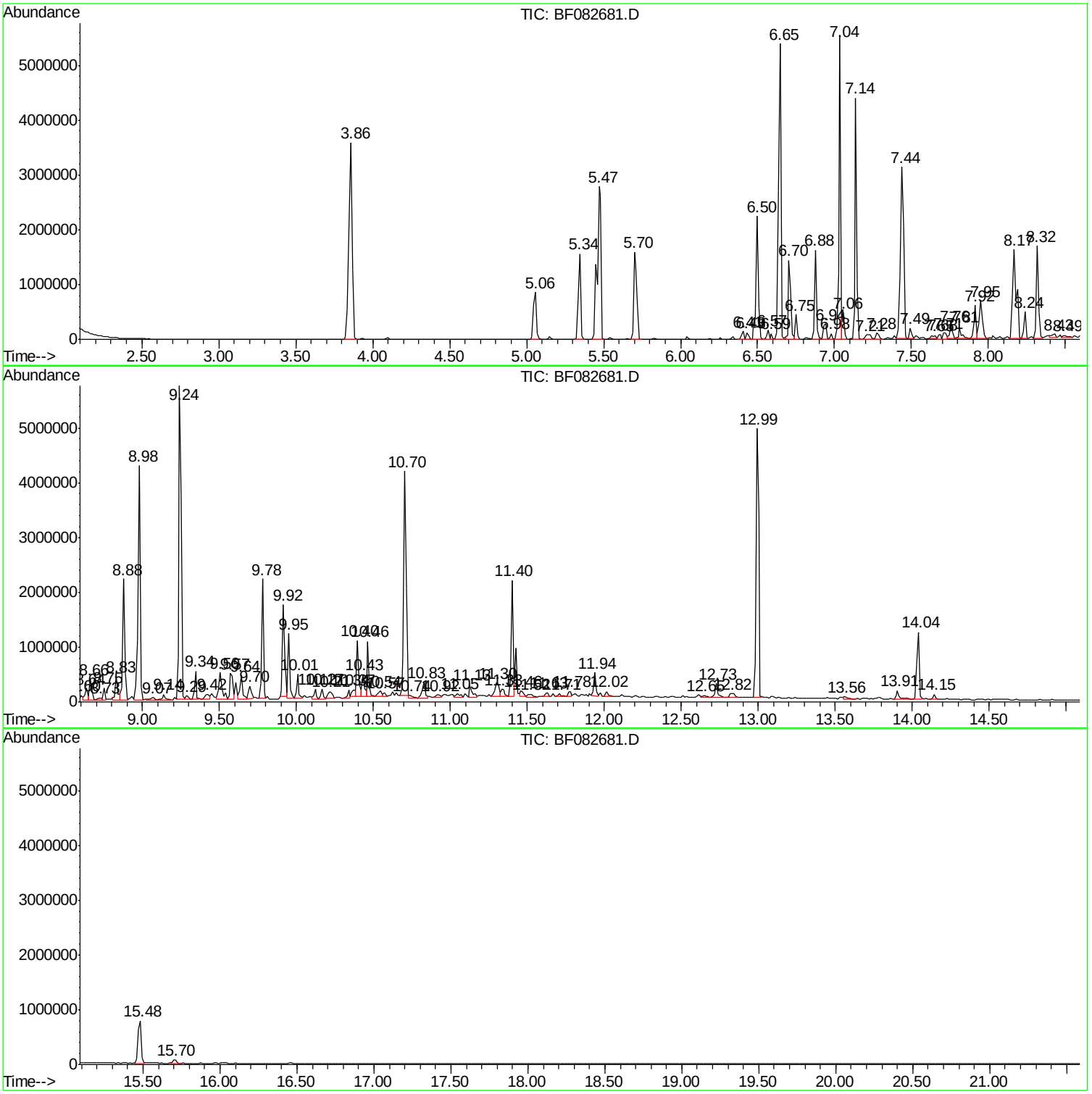
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

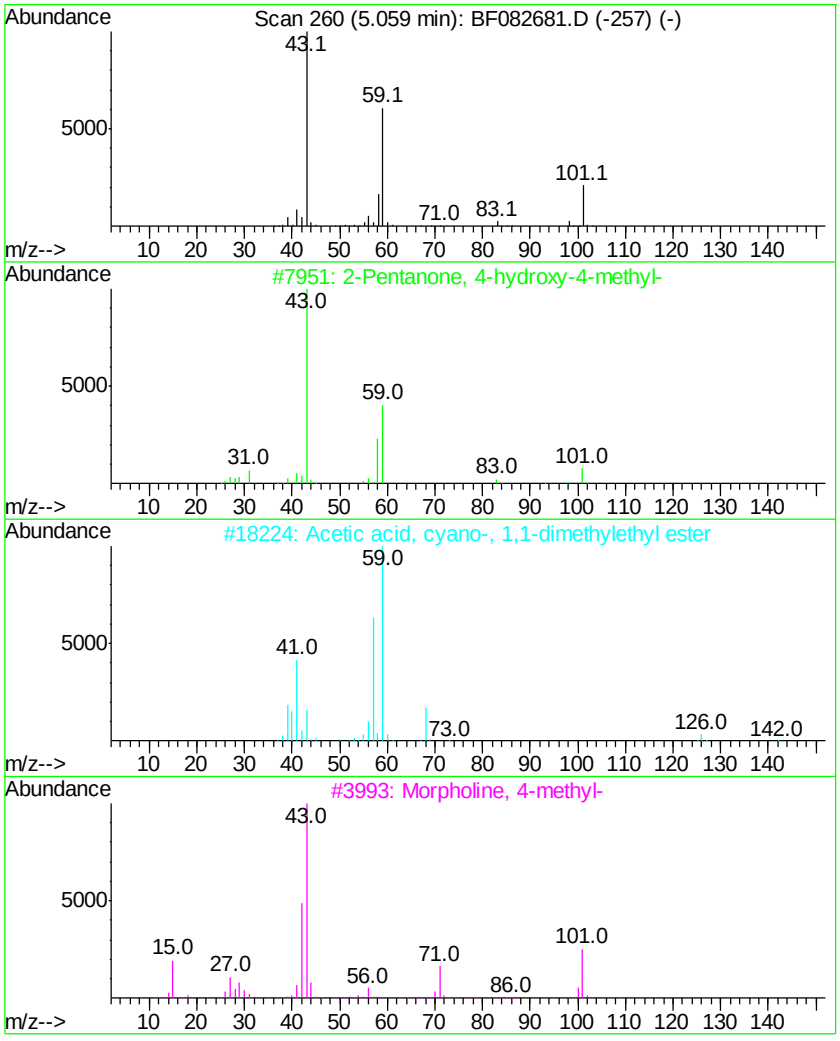
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

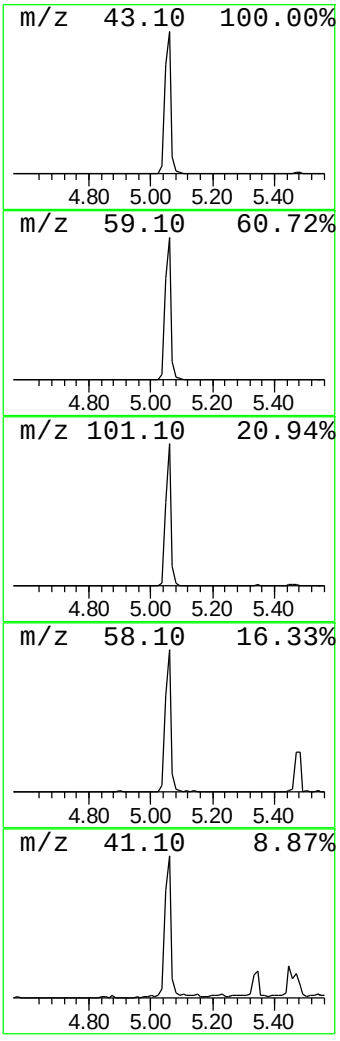
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	16.50 ng	1115630	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

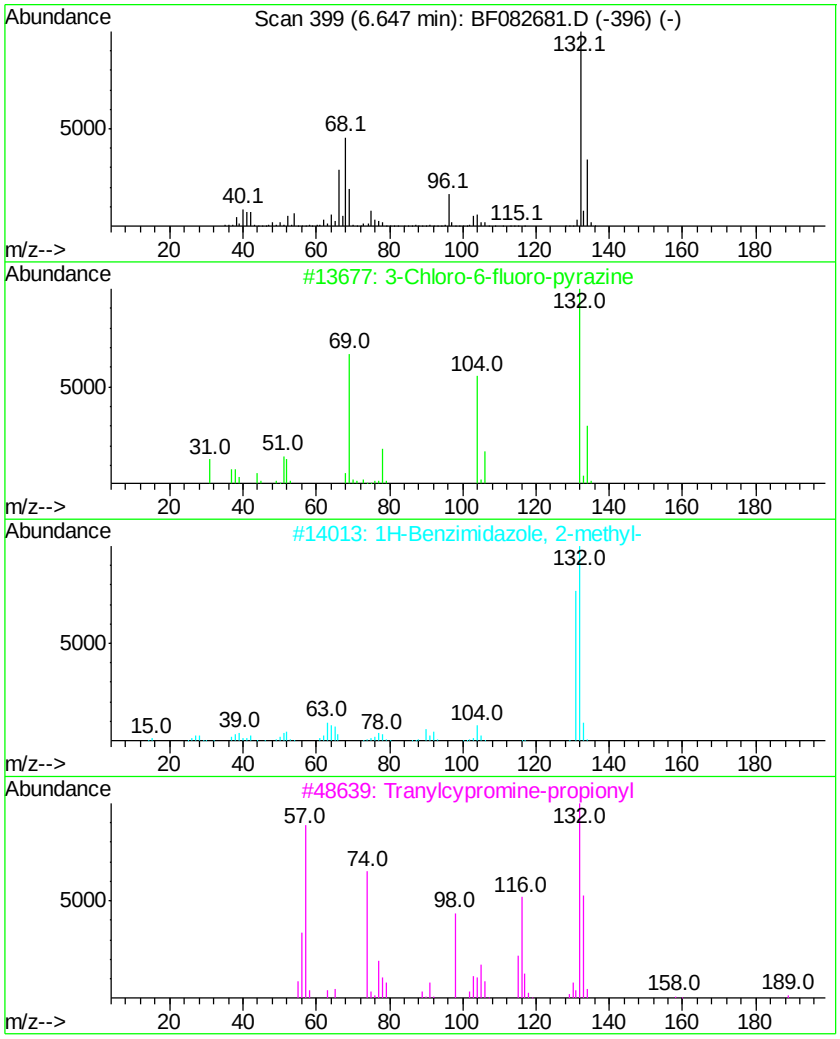
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

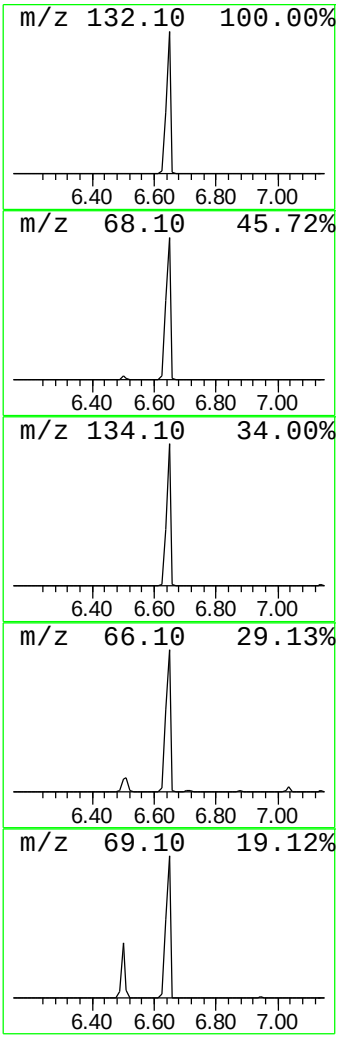
****

Peak Number 5 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	84.04 ng	5681760	1,4-Dichlorobenzene-d4	6.88

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

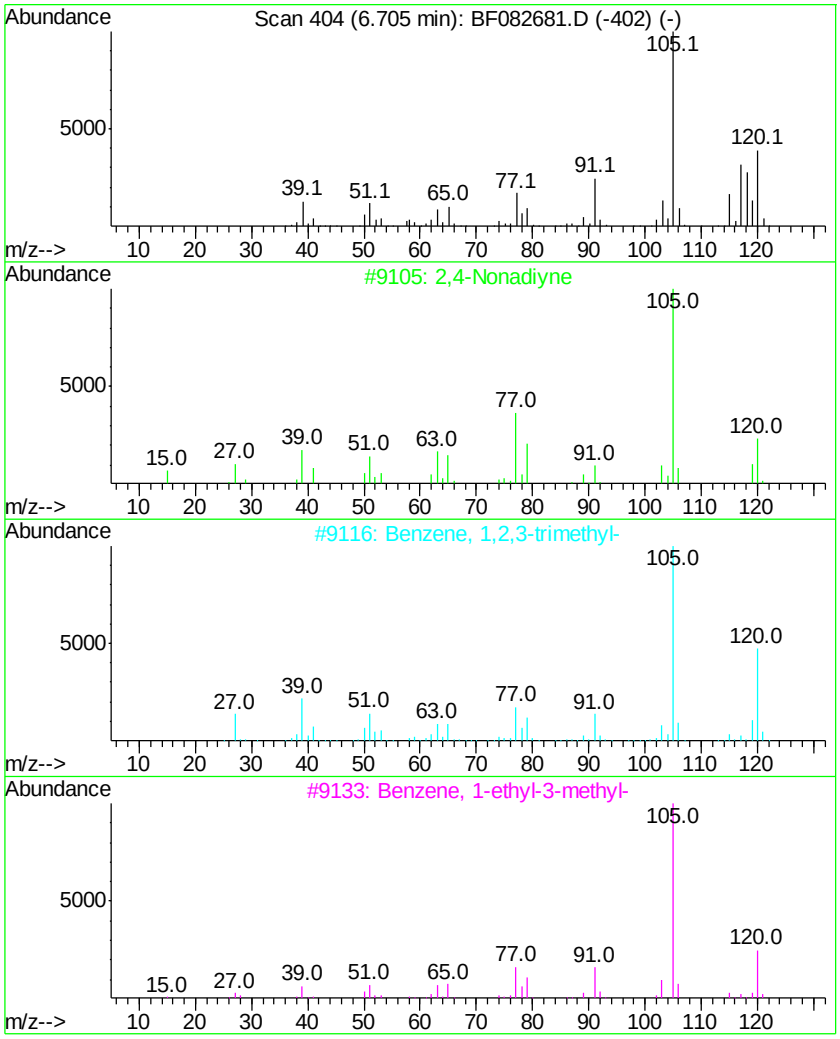
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

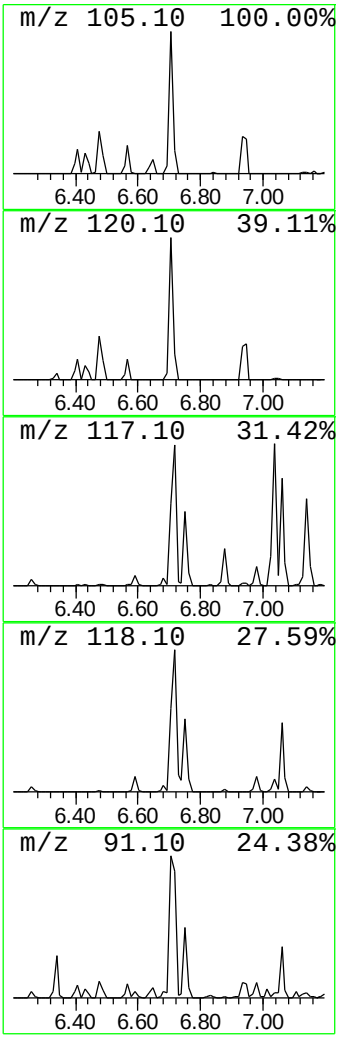
****

Peak Number 6 2,4-Nonadiyne Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	25.94 ng	1753500	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadiyne	120	C9H12	063621-15-8	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

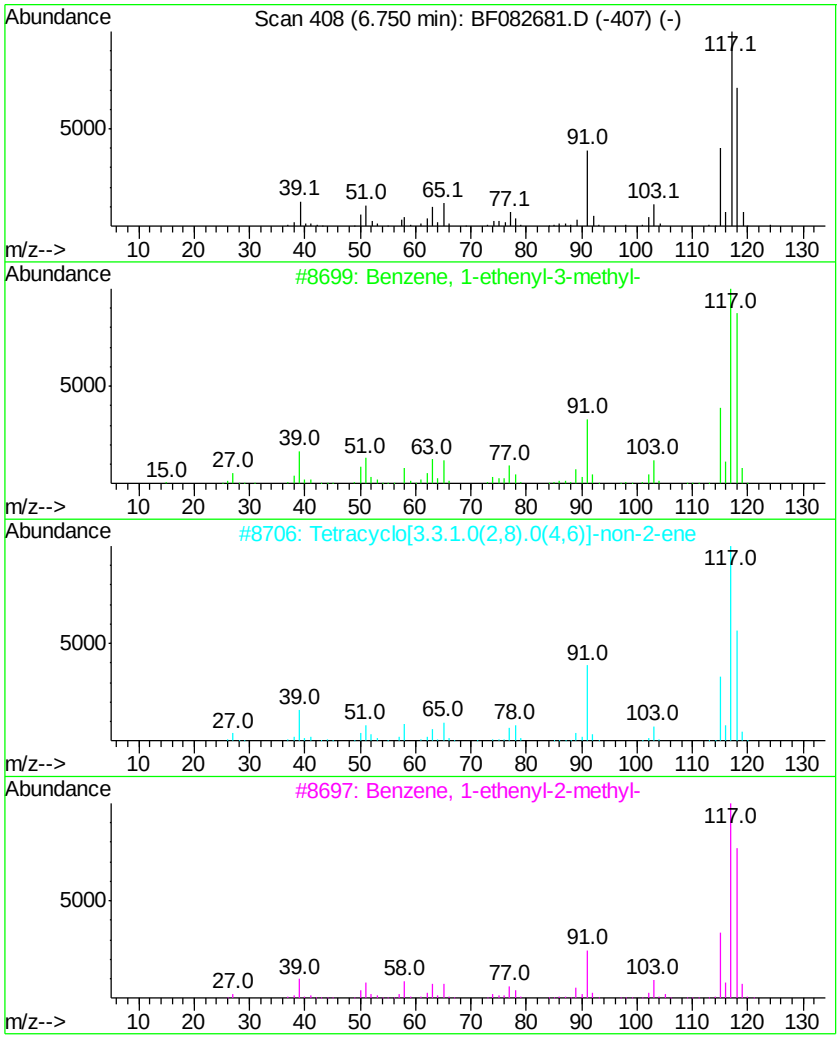
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

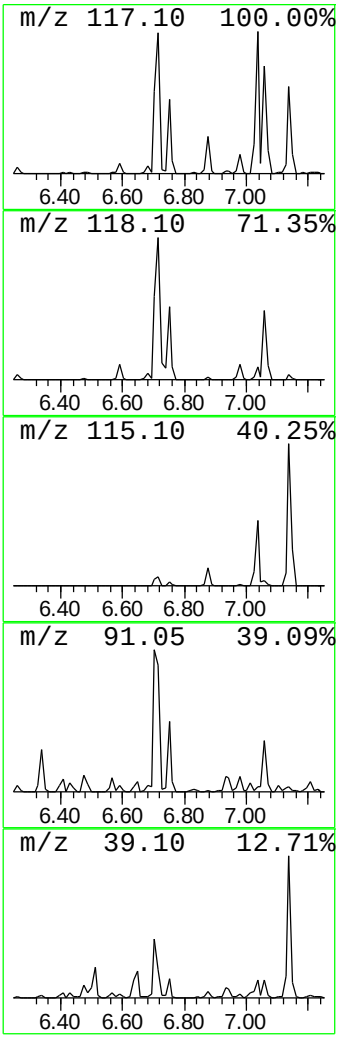
****

Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	5.18 ng	350228	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	89
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

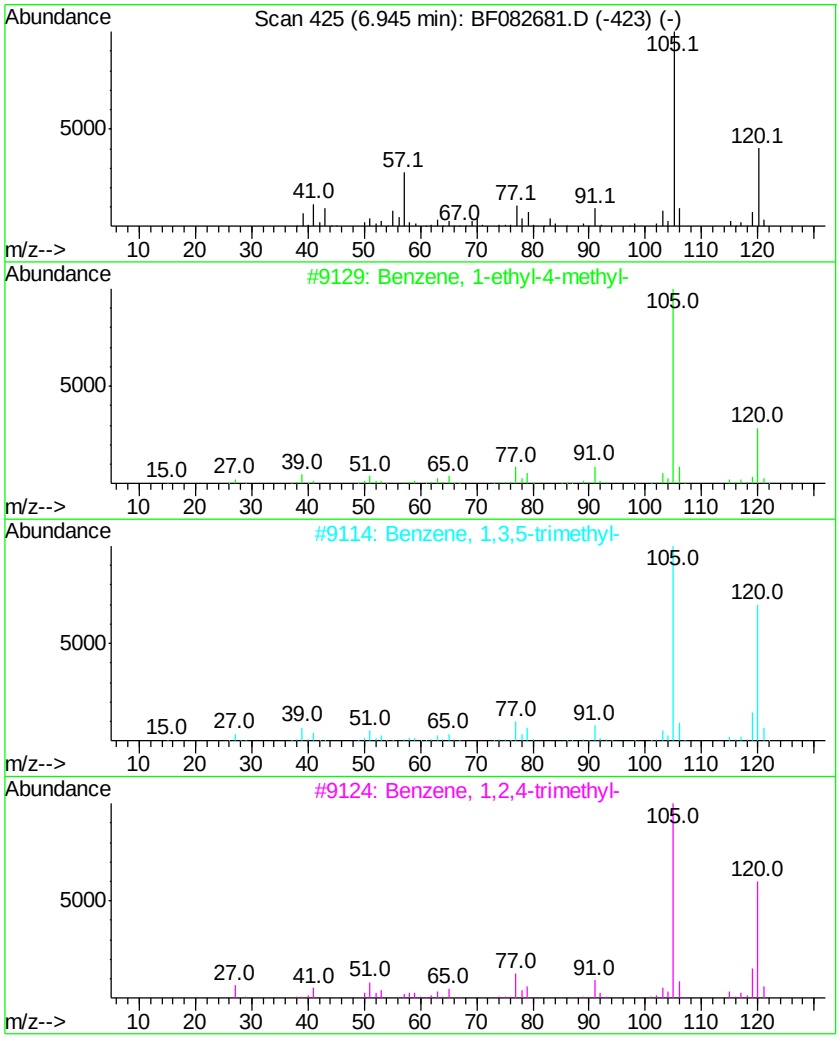
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

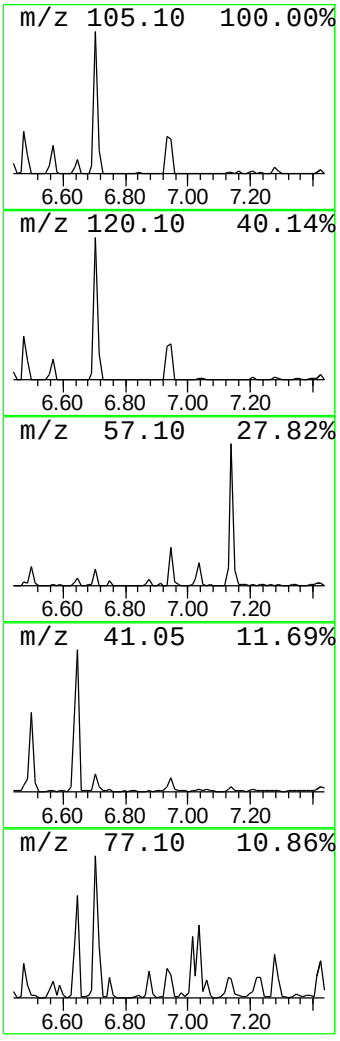
****

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	5.44 ng	367814	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

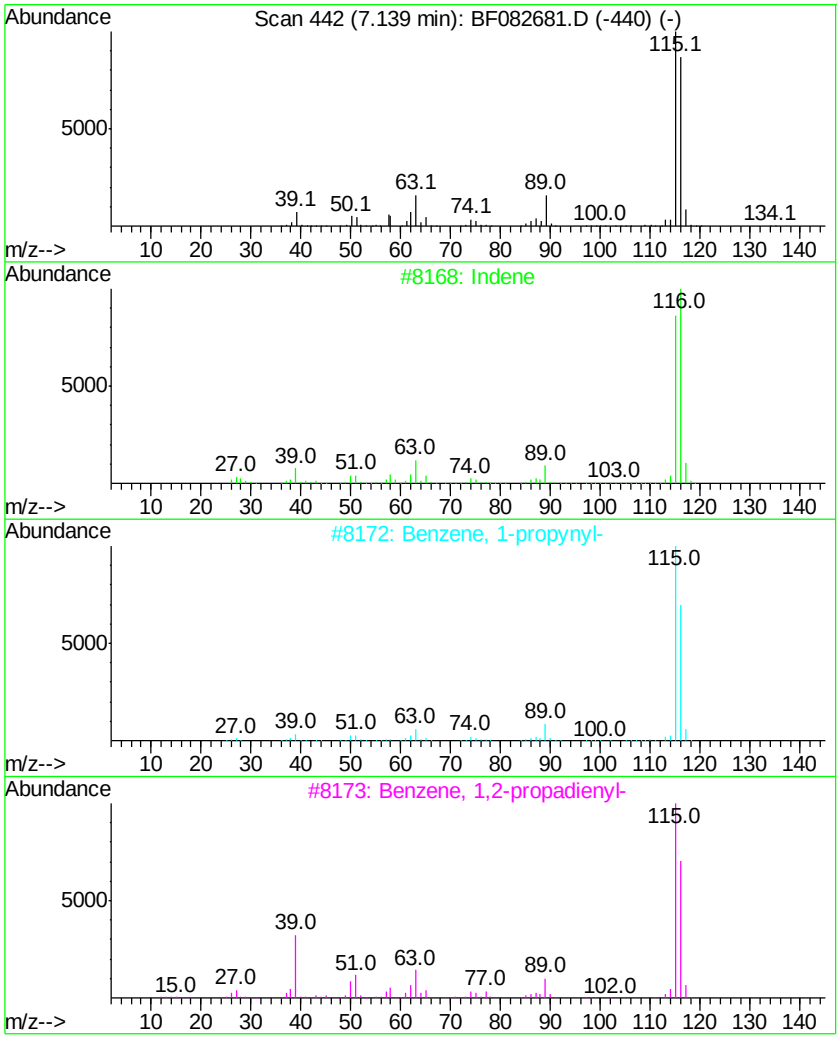
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

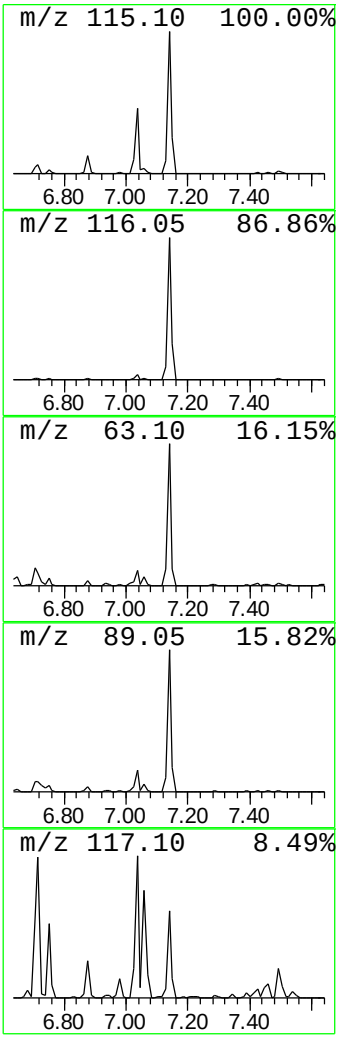
****

Peak Number 9 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	59.18 ng	4000840	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

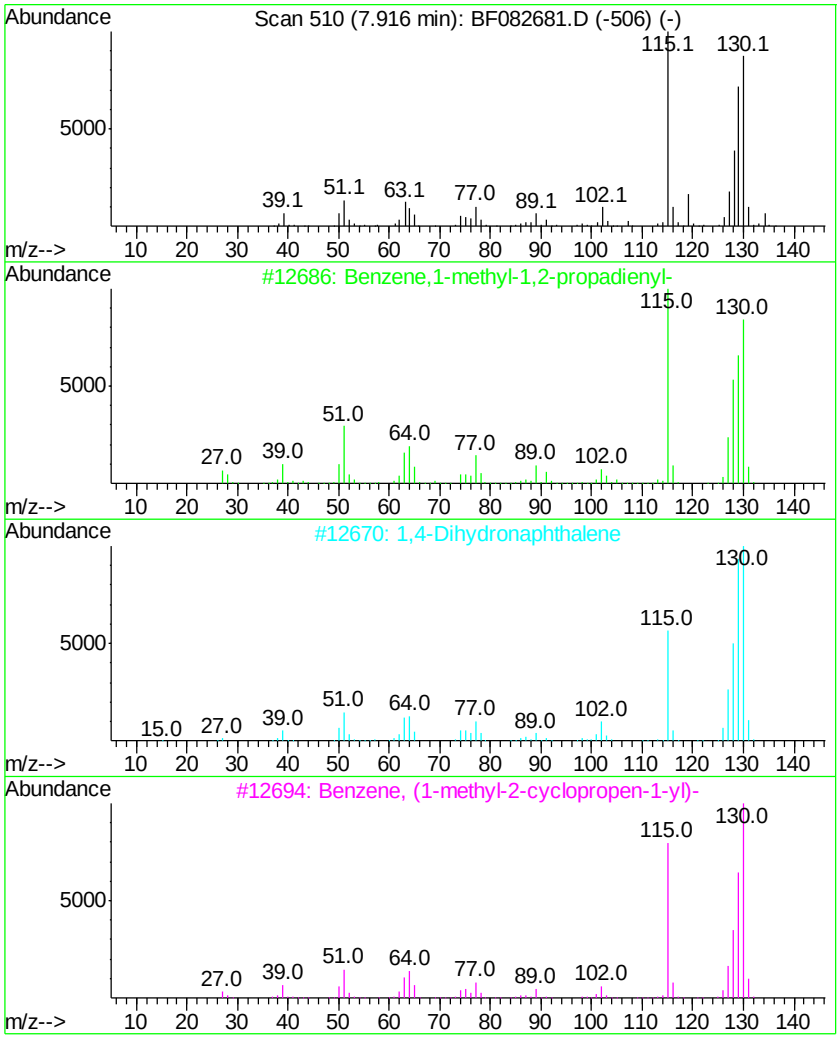
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

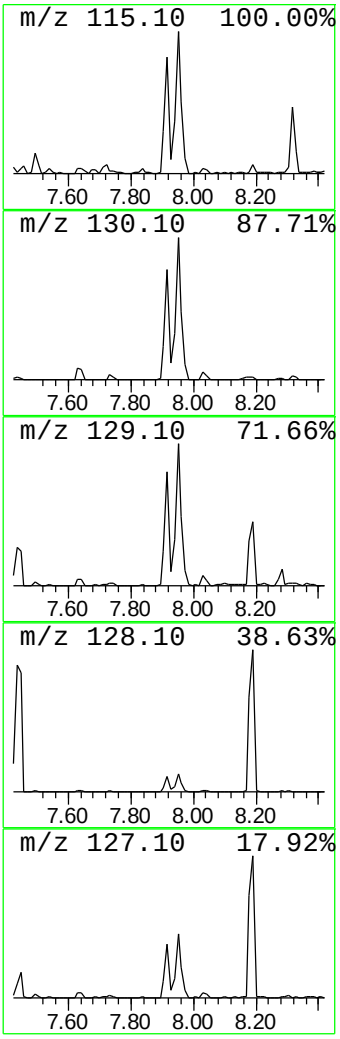
****

Peak Number 10 Benzene,1-methyl-1,2-propad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	5.58 ng	751105	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
4	2-Methylindene	130	C10H10	002177-47-1	90
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

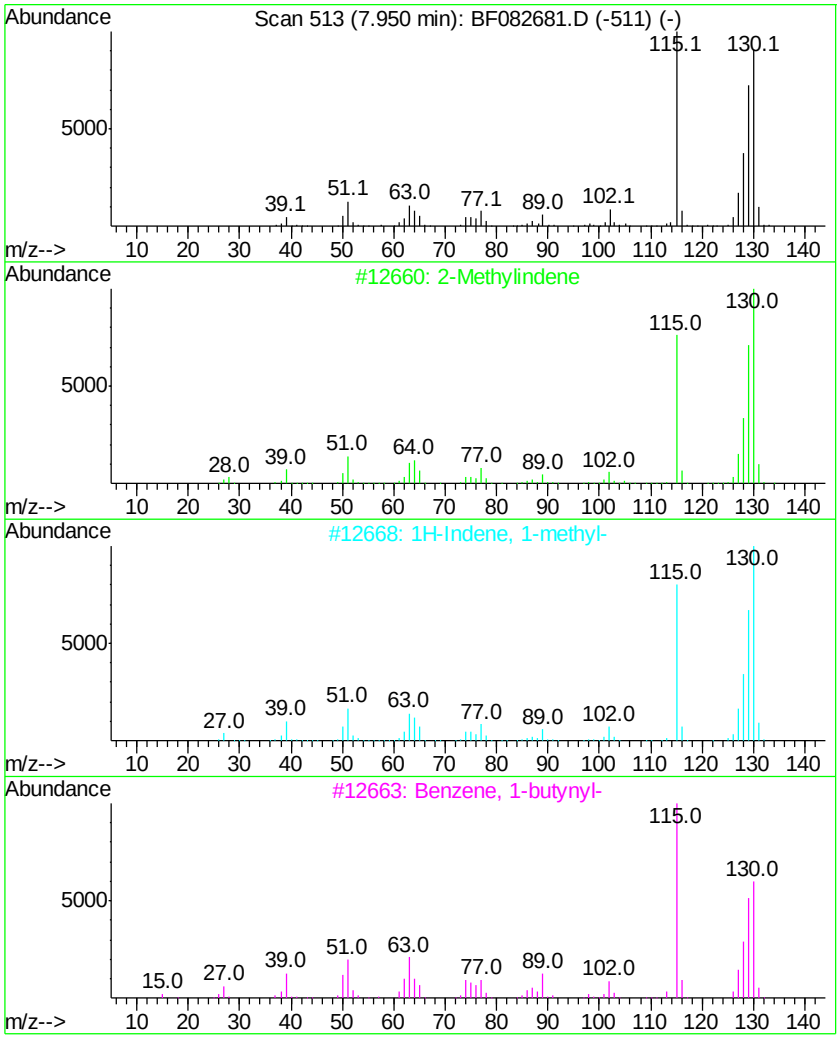
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

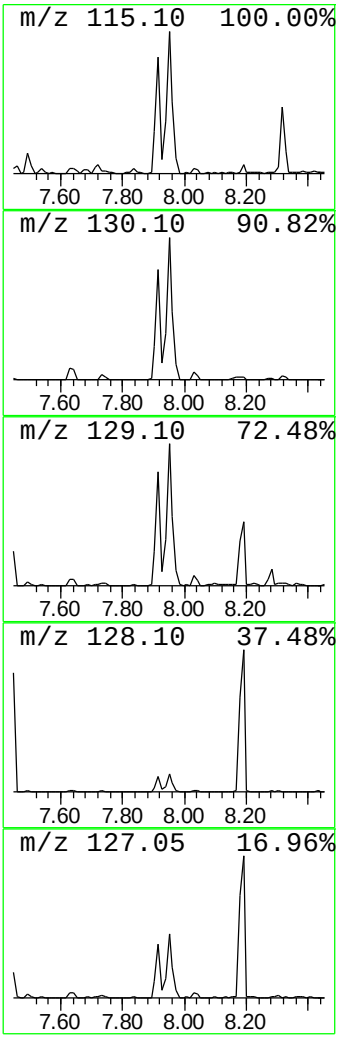
****

Peak Number 11 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	7.04 ng	946748	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	94
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

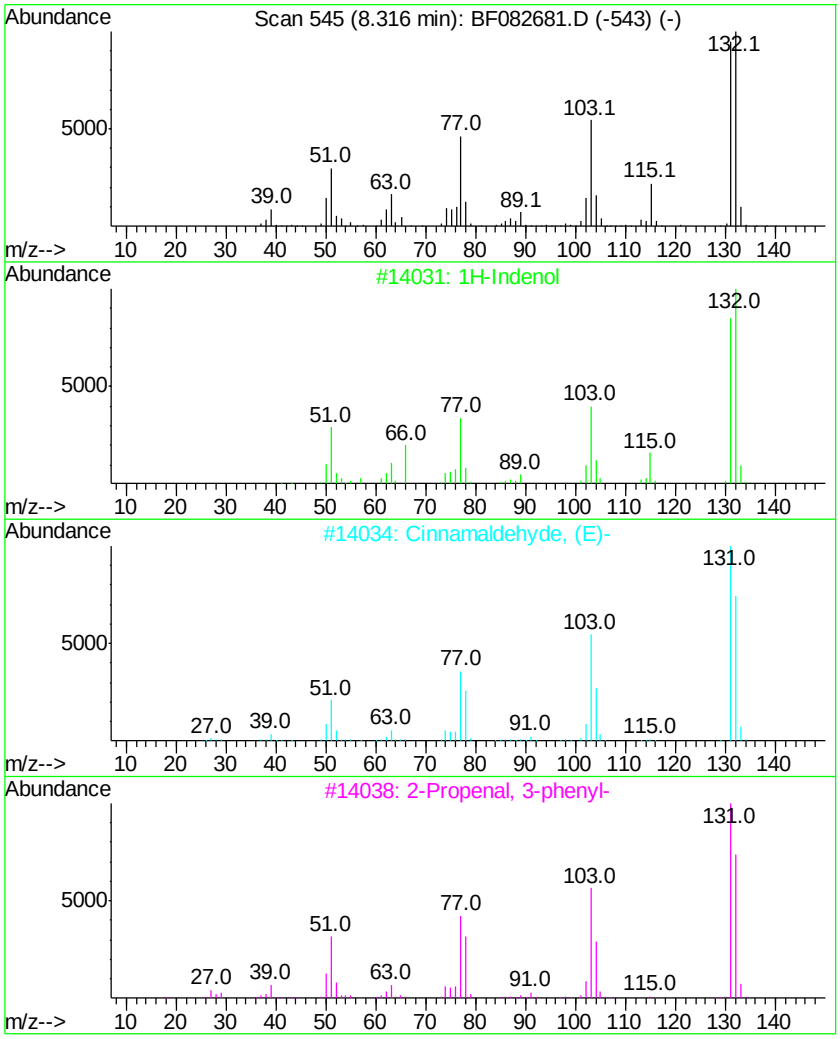
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

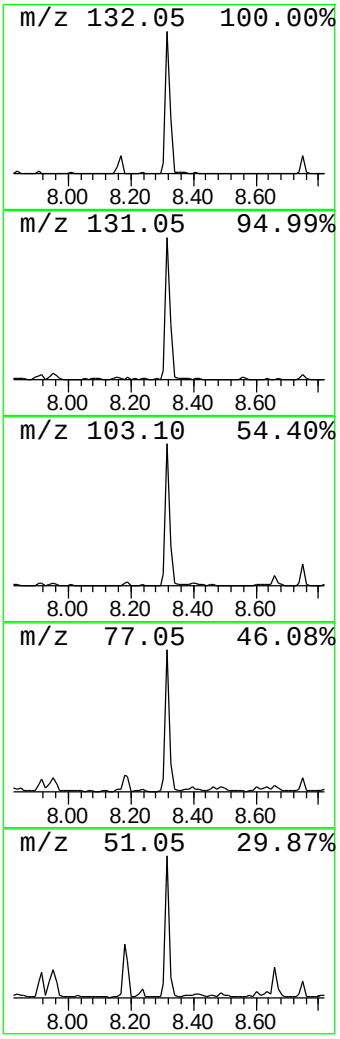
****

Peak Number 12 1H-Indenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	11.96 ng	1609320	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indenol	132	C9H8O	056631-57-3	96
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

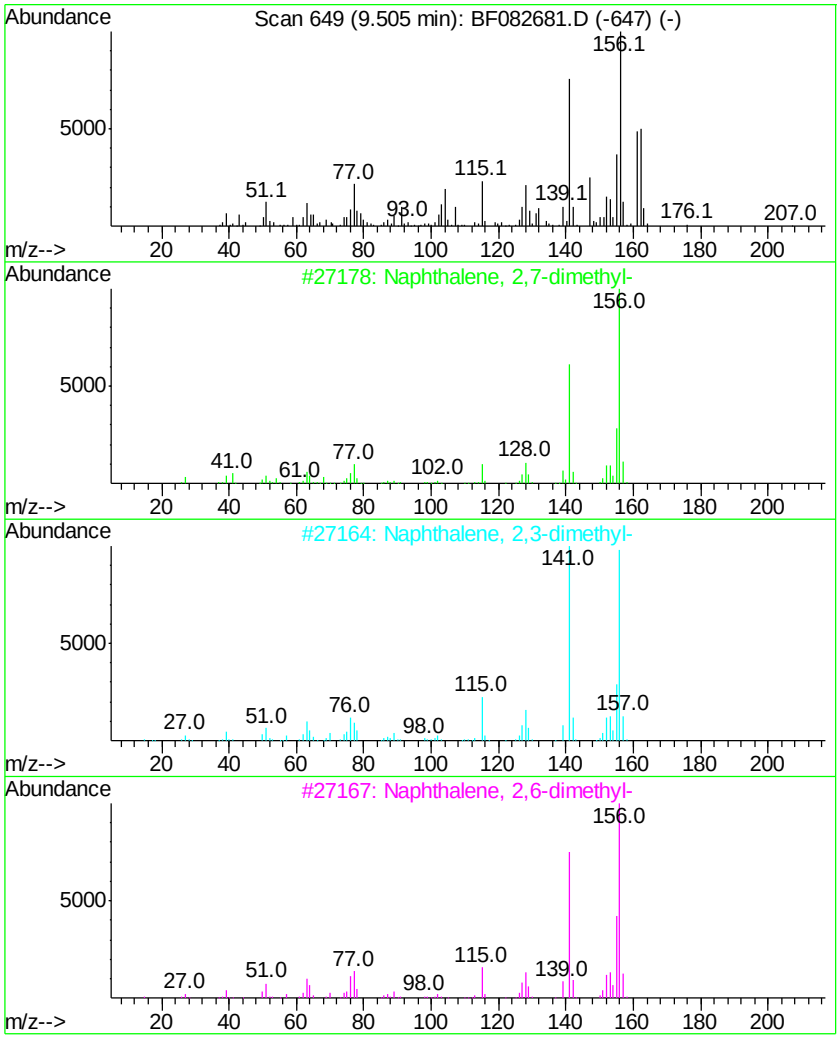
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

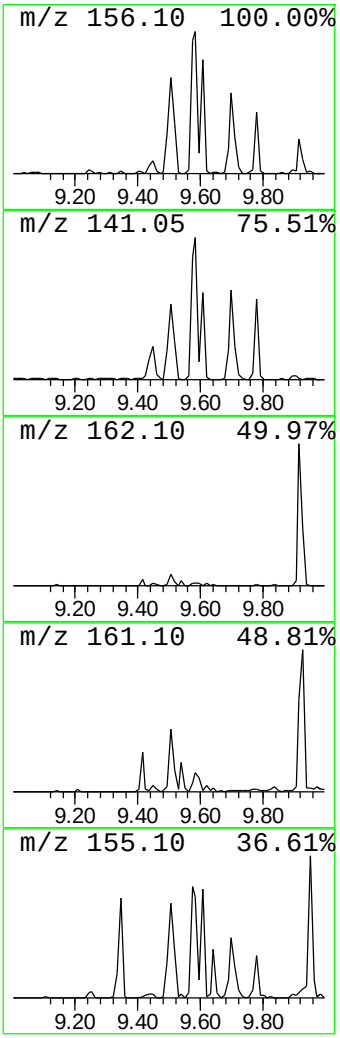
****

Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	8.07 ng	702918	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

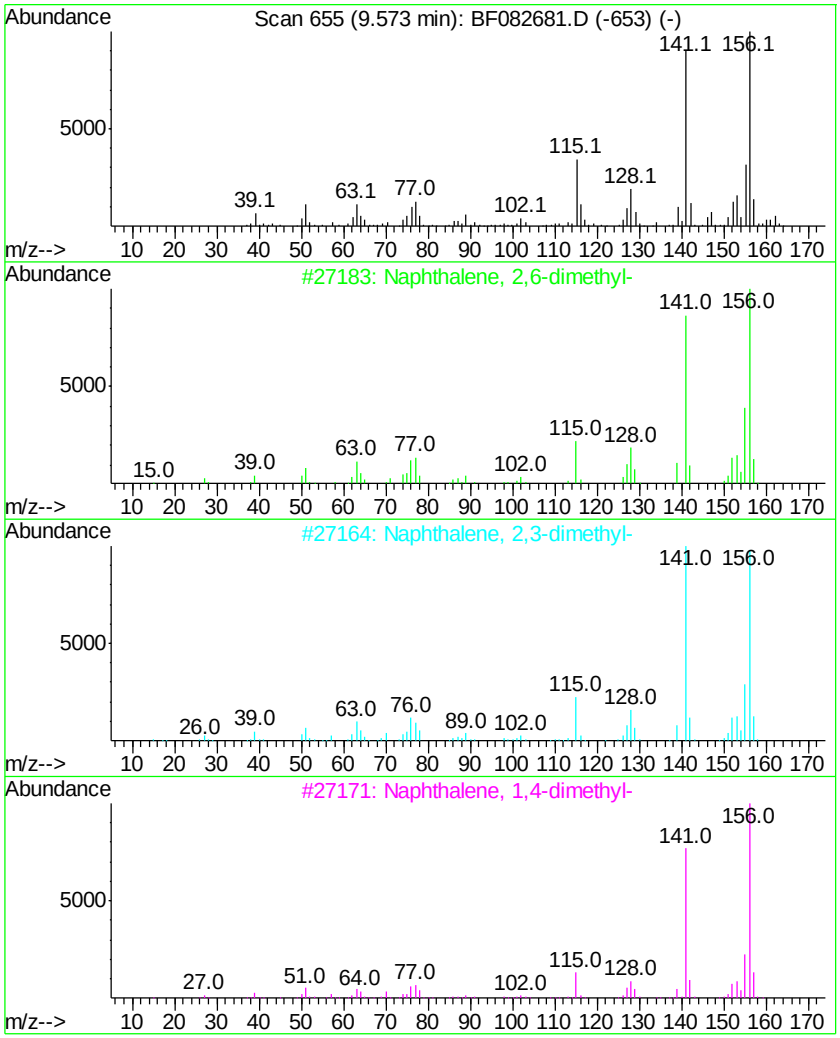
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

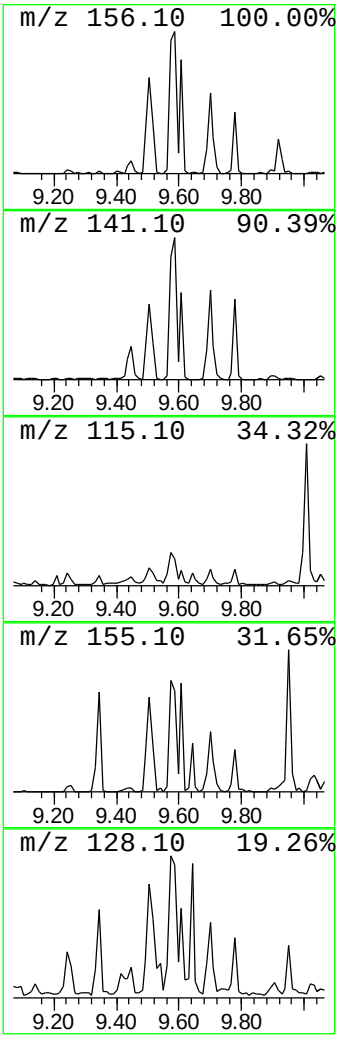
****

Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	8.27 ng	720359	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

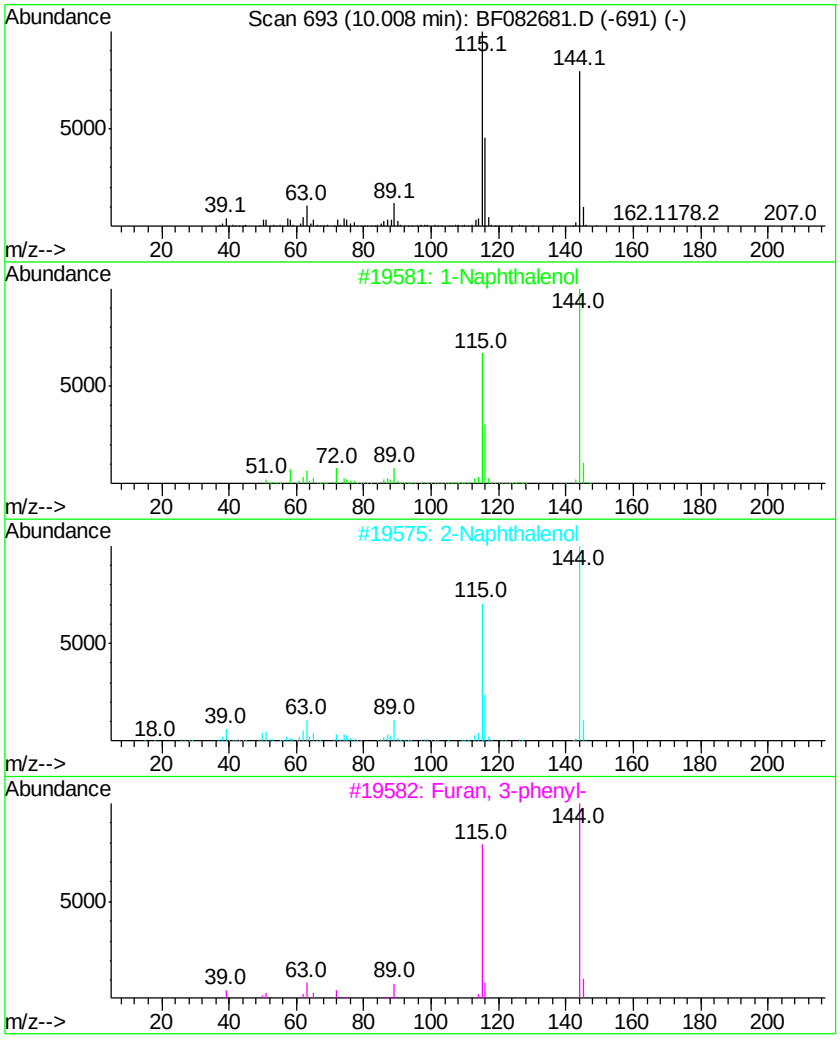
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

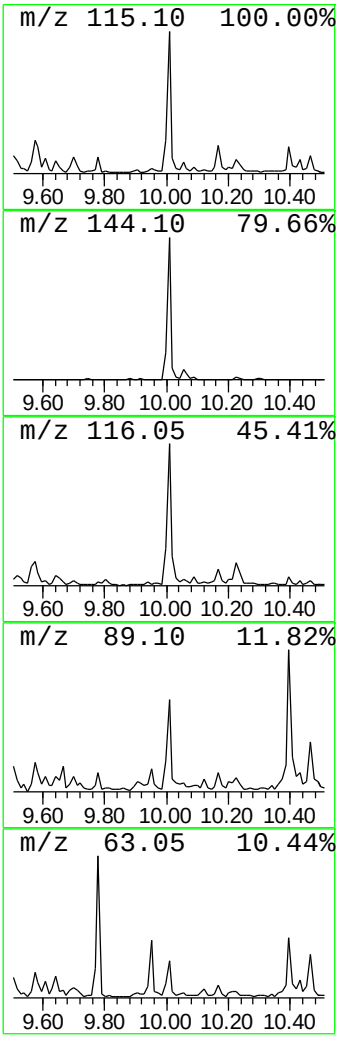
****

Peak Number 16 1-Naphthalenol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	5.29 ng	460712	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	96
2	2-Naphthalenol	144	C10H8O	000135-19-3	90
3	Furan, 3-phenyl-	144	C10H8O	013679-41-9	83
4	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	81
5	1,4-Epoxynaphthalene, 1,4-dihydro-	144	C10H8O	000573-57-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

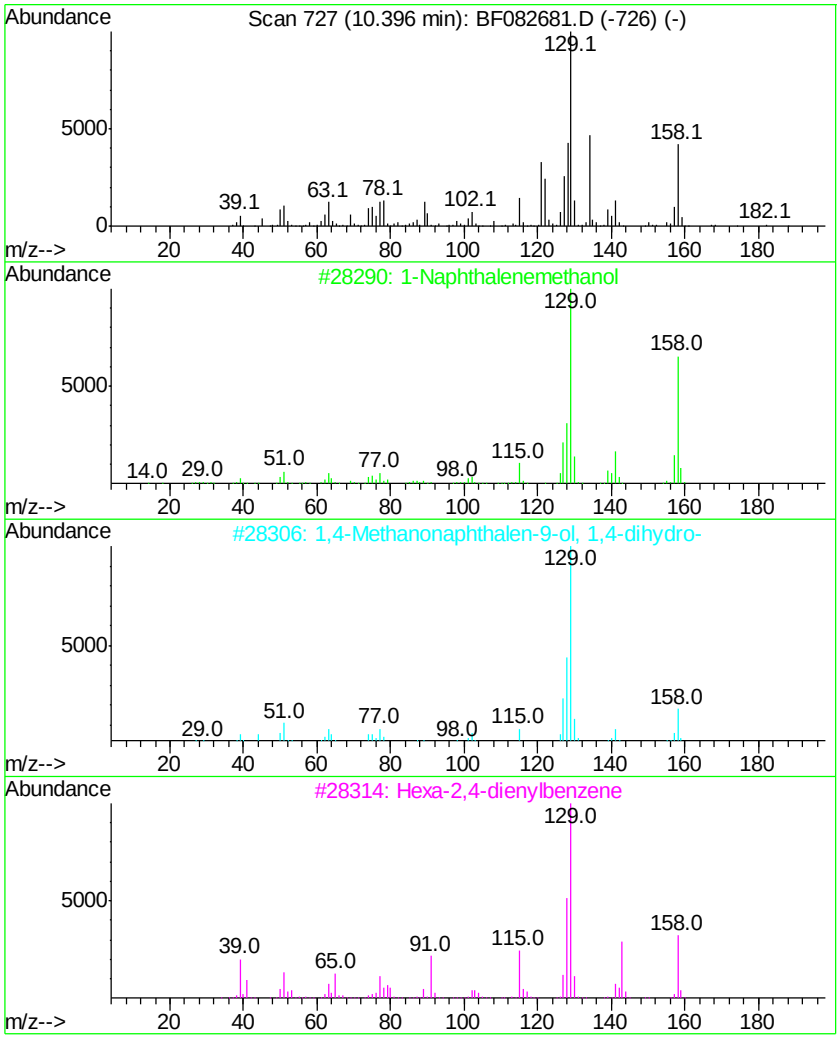
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

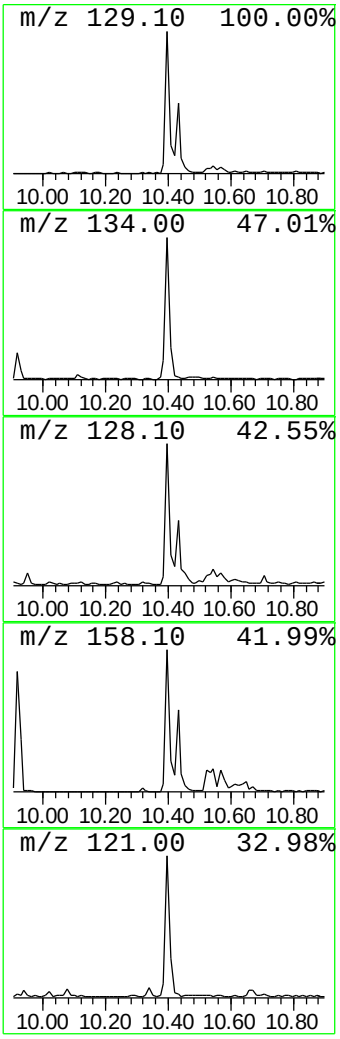
****

Peak Number 17 1-Naphthalenemethanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	10.48 ng	912759	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	94
2	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	62
3	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	53
4	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	50
5	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

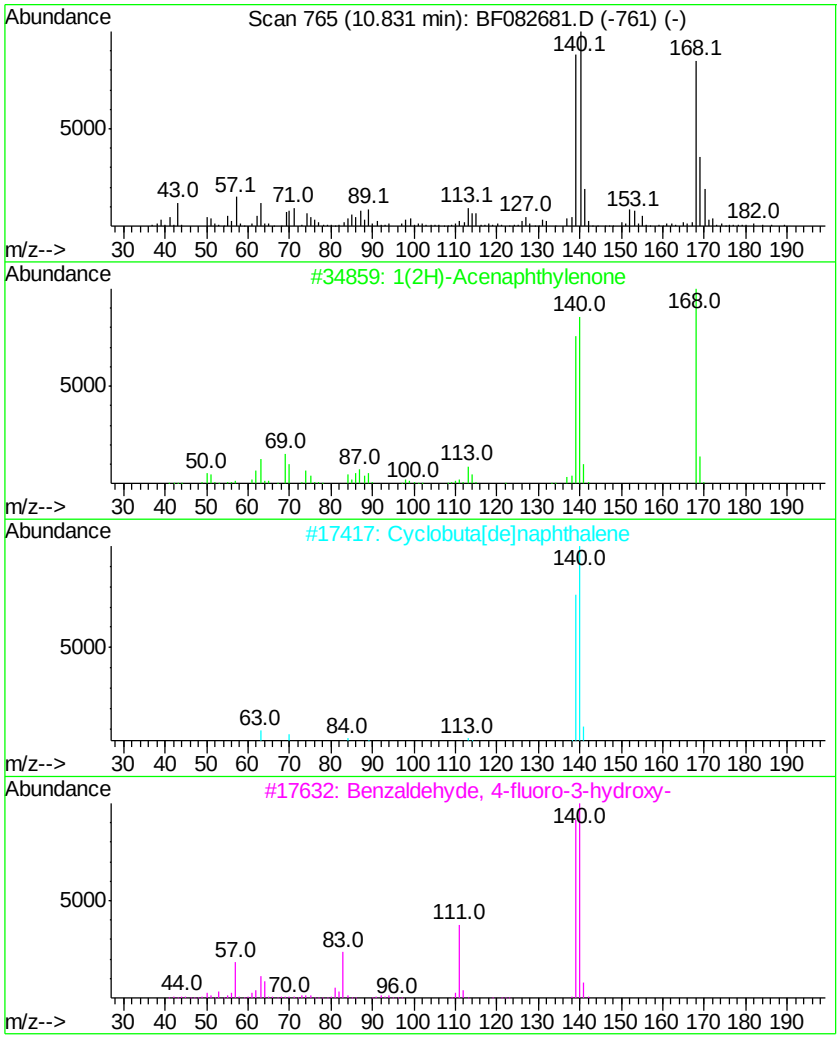
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

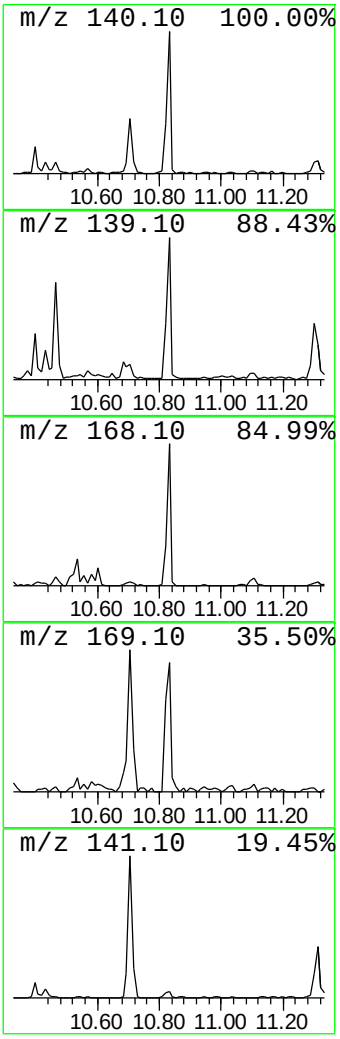
****

Peak Number 18 1(2H)-Acenaphthylenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.74 ng	433399	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46
3	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	43
4	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	38
5	2-Dibenzofuransulfonic acid	248	C12H8O4S	083863-63-2	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

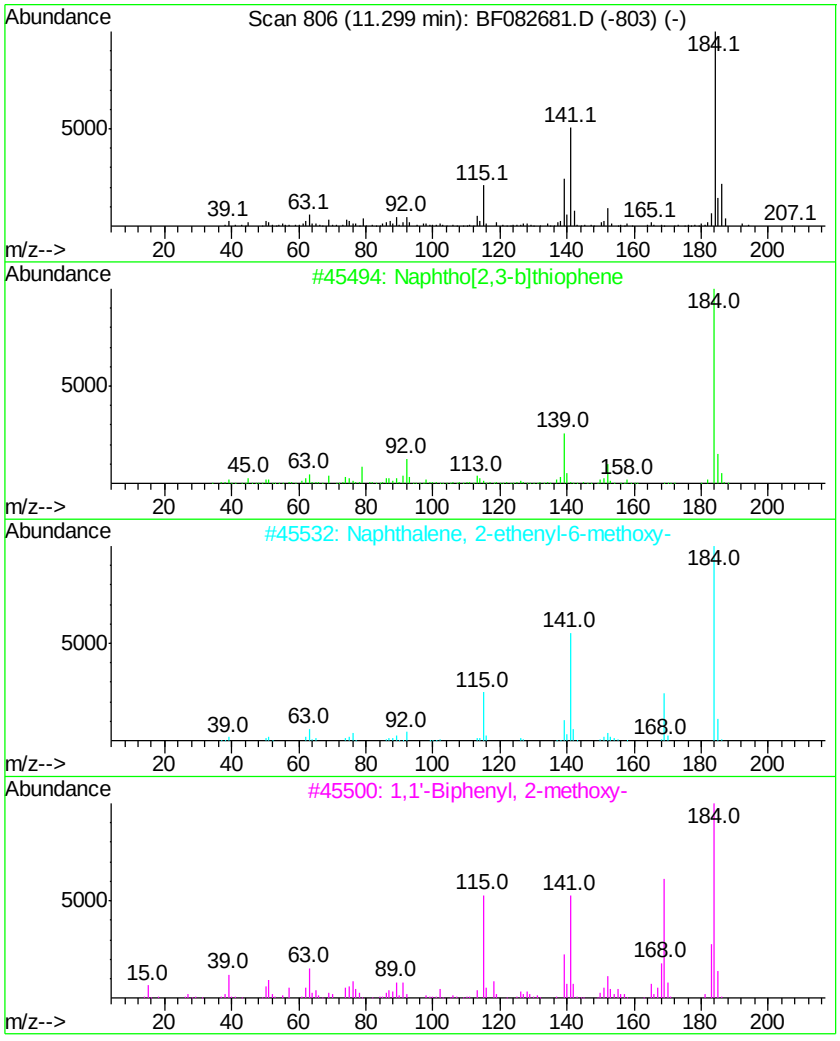
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

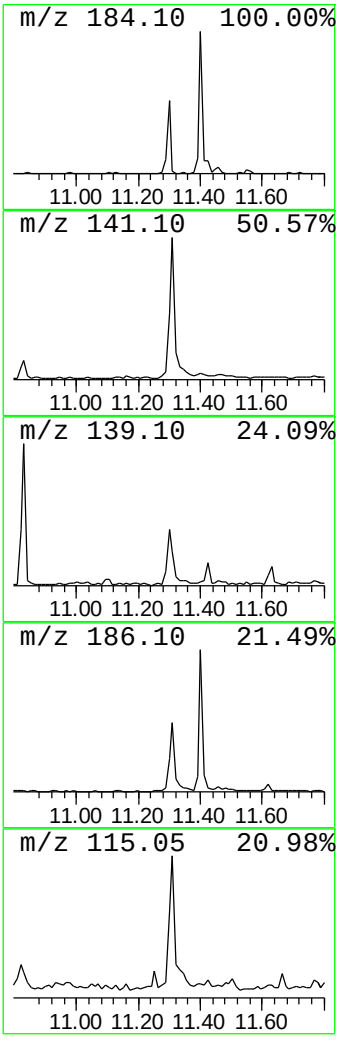
****

Peak Number 19 Naphtho[2,3-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	5.23 ng	478241	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
2	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	68
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64
4	Dibenzothiophene	184	C12H8S	000132-65-0	55
5	6-Cyano-5-methoxyquinoline	184	C11H8N2O	1000241-27-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

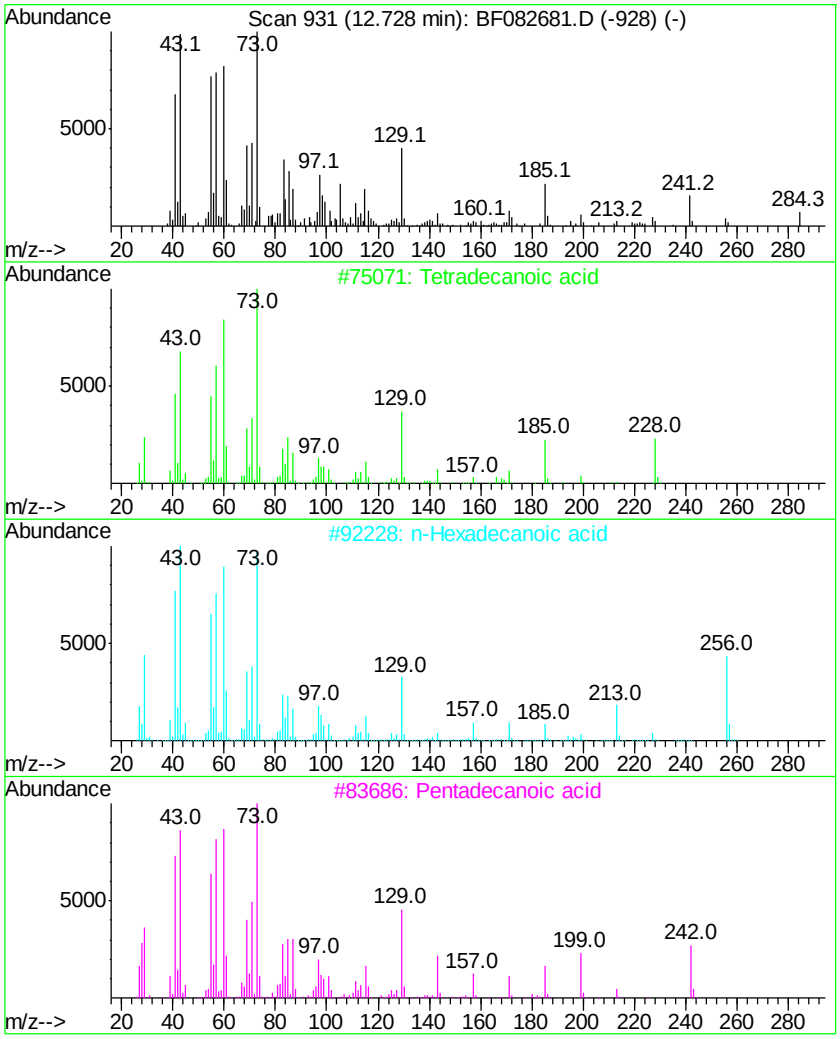
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

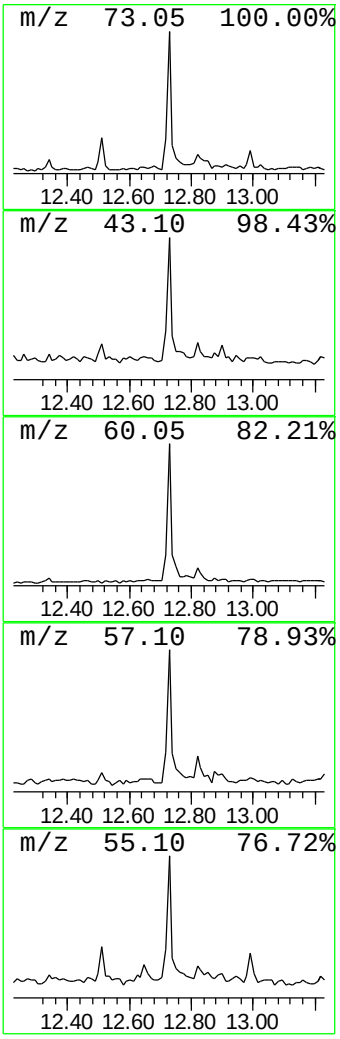
****

Peak Number 20 Tetradecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.76 ng	313531	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Pentadecane	212	C15H32	000629-62-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082681.D
Acq On : 4 Nov 2015 3:40
Operator : UM/IZ
Sample : G4235-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151026MGP207BRV40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.06	16.5	ng	1115630	1	6.88	1352110	20.0
unknown6.65	6.65	84.0	ng	5681760	1	6.88	1352110	20.0
2,4-Nonadiyne	6.70	25.9	ng	1753500	1	6.88	1352110	20.0
Benzene, 1-etheny...	6.75	5.2	ng	350228	1	6.88	1352110	20.0
Benzene, 1-ethyl-...	6.94	5.4	ng	367814	1	6.88	1352110	20.0
Indene	7.14	59.2	ng	4000840	1	6.88	1352110	20.0
Benzene,1-methyl-...	7.92	5.6	ng	751105	2	8.17	2691000	20.0
2-Methylindene	7.95	7.0	ng	946748	2	8.17	2691000	20.0
1H-Indenol	8.32	12.0	ng	1609320	2	8.17	2691000	20.0
Naphthalene, 2,7-...	9.50	8.1	ng	702918	3	9.92	1742470	20.0
Naphthalene, 2,6-...	9.57	8.3	ng	720359	3	9.92	1742470	20.0
1-Naphthalenol	10.01	5.3	ng	460712	3	9.92	1742470	20.0
1-Naphthalenemeth...	10.40	10.5	ng	912759	3	9.92	1742470	20.0
1(2H)-Acenaphthyl...	10.83	4.7	ng	433399	4	11.40	1827820	20.0
Naphtho[2,3-b]thi...	11.30	5.2	ng	478241	4	11.40	1827820	20.0
Tetradecanoic acid	12.73	4.8	ng	313531	5	14.04	1316190	20.0