LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

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-BF030316.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	5.190	251	254	263	rVB	706014	986695	22.94%	2.240%
2	5.590	286	289	291	rBV	3787198	4242637	98.65%	9.630%
3	6.596	374	377	380	rBV	2885296	4300690	100.00%	9.762%
4	6.744	387	390	393	rBV	4028988	4027062	93.64%	9.141%
5	6.973	408	410	413	rVB	941263	946422	22.01%	2.148%
6	7.133	421	424	427	rVB	3395720	3103304	72.16%	7.044%
7	7.544	456	460	462	rBV	1972719	2956407	68.74%	6.711%
8	7.613	462	466	468	rVB	56006	68267	1.59%	0.155%
9	8.265	520	523	525	rBV	1362596	1349584	31.38%	3.063%
10	9.339	614	617	619	rBV	4499606	4215907	98.03%	9.570%
11	9.728	649	651	653	rBV	1024326	838399	19.49%	1.903%
12	9.945	668	670	672	rVB	151679	121450	2.82%	0.276%
13	10.013	674	676	678	rVB	1215525	1357526	31.57%	3.081%
14	10.173	687	690	692	rBV	29073	49042	1.14%	0.111%
15	10.448	710	714	715	rBV	243651	238938	5.56%	0.542%
16	10.665	730	733	736	rBV	78230	127732	2.97%	0.290%
17	10.802	742	745	748	rBV2	2305996	2679379	62.30%	6.082%
18	10.916	753	755	760	rVB	278417	318526	7.41%	0.723%
19	11.111	770	772	774	rBV	41902	54316	1.26%	0.123%
20	11.362	792	794	796	rBV	121068	120908	2.81%	0.274%
21	11.396	796	797	800	rVB	52291	46407	1.08%	0.105%
22	11.499	804	806	810	rBV2	1586036	1676539	38.98%	3.806%
23	11.579	810	813	814	rVB2	49647	87983	2.05%	0.200%
24	12.025	848	852	854	rBV2	222619	287345	6.68%	0.652%
25	12.116	858	860	864	rVB	68244	112030	2.60%	0.254%
26	12.299	873	876	880	rVB4	30952	76276	1.77%	0.173%
27	12.711	910	912	914	rBV	596092	509938	11.86%	1.158%
28	12.802	919	920	924	rBV2	47117	69889	1.63%	0.159%
29	12.939	928	932	935	rVB	531874	537481	12.50%	1.220%
30	13.088	942	945	947	rVB	3941111	3722477	86.56%	8.450%
31	13.271	955	961	962	rBV2	55719	116407	2.71%	0.264%
32	13.374	968	970	971	rBV2	40430	43979	1.02%	0.100%
33	13.659	992	995	999	rBV5	21028	60109	1.40%	0.136%
34	13.774	1002	1005	1007	rVB	33449	50122	1.17%	0.114%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.888	1011	1015	1016	rBV2	35060	56592	1.32%	0.128%
36	13.968	1021	1022	1028	rVB	304979	463164	10.77%	1.051%
37	14.139	1032	1037	1038	rBV2	1048178	1496927	34.81%	3.398%
38	14.608	1075	1078	1080	rBV4	61177	95301	2.22%	0.216%
39	14.894	1100	1103	1106	rBV2	135784	204801	4.76%	0.465%
40	14.985	1109	1111	1115	rVB	100503	121074	2.82%	0.275%
41	15.180	1125	1128	1132	rBV	143402	338871	7.88%	0.769%
42	15.248	1132	1134	1136	rBV	44134	55017	1.28%	0.125%
43	15.477	1152	1154	1157	rVB	102062	135393	3.15%	0.307%
44	15.534	1157	1159	1163	rBV	106887	178638	4.15%	0.405%
45	15.602	1163	1165	1167	rBV	571203	802159	18.65%	1.821%
46	16.071	1204	1206	1209	rBV	27773	47527	1.11%	0.108%
47	16.128	1209	1211	1213	rBV2	34308	63328	1.47%	0.144%
48	16.322	1225	1228	1238	rVB10	20708	64226	1.49%	0.146%
49	16.768	1264	1267	1272	rVB6	19254	45848	1.07%	0.104%
50	17.065	1290	1293	1298	rVB2	53572	119174	2.77%	0.271%
51	17.511	1328	1332	1338	rVB	50332	110143	2.56%	0.250%
52	17.683	1343	1347	1350	rVV4	22560	61421	1.43%	0.139%
53	17.751	1350	1353	1360	rVB2	14608	44697	1.04%	0.101%
54	17.900	1362	1366	1372	rVB4	15651	49923	1.16%	0.113%

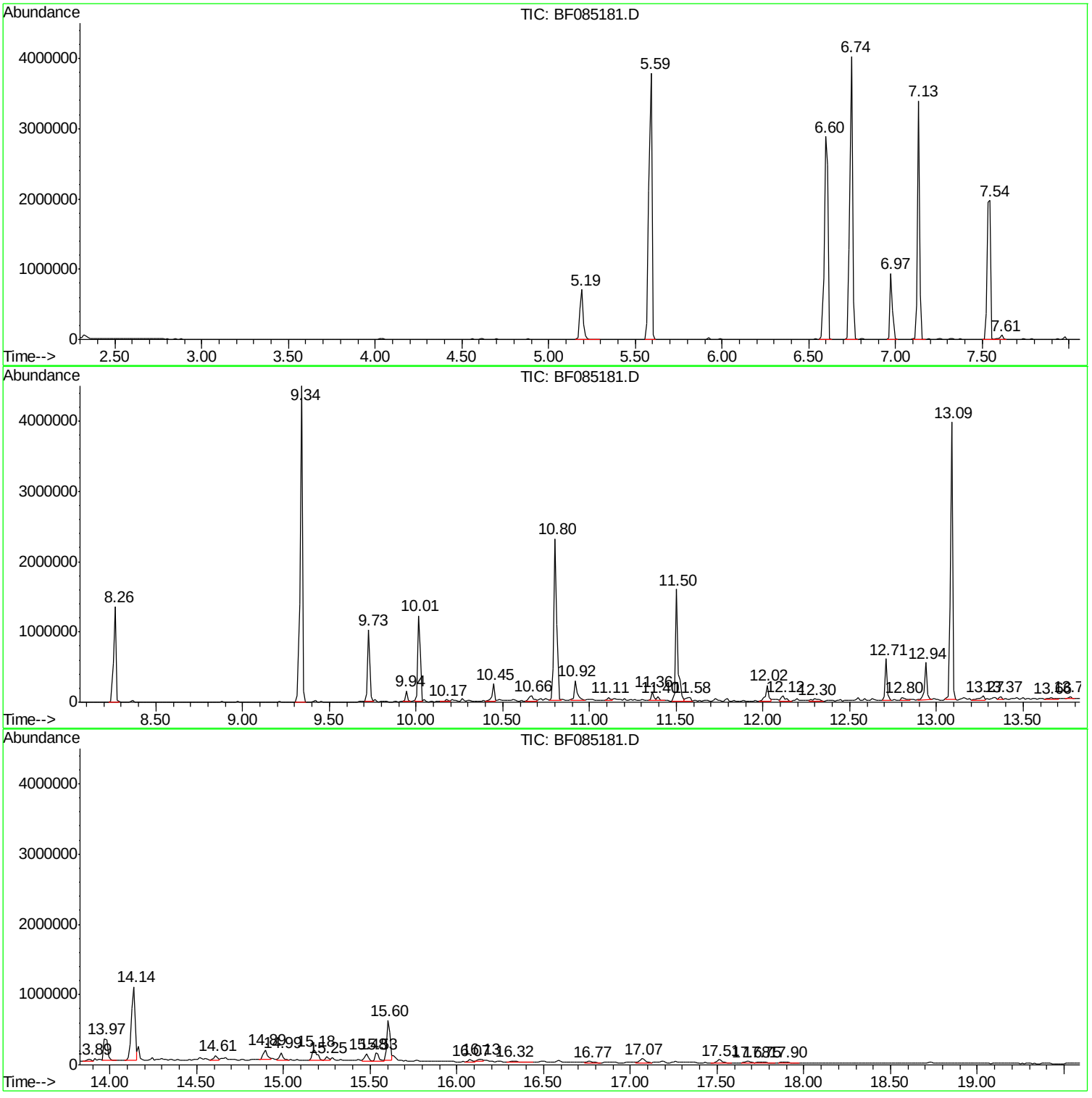
Sum of corrected areas: 44054397

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

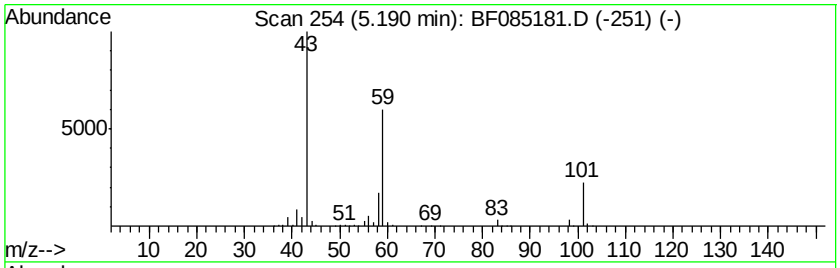
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

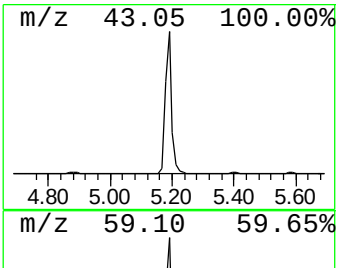
****

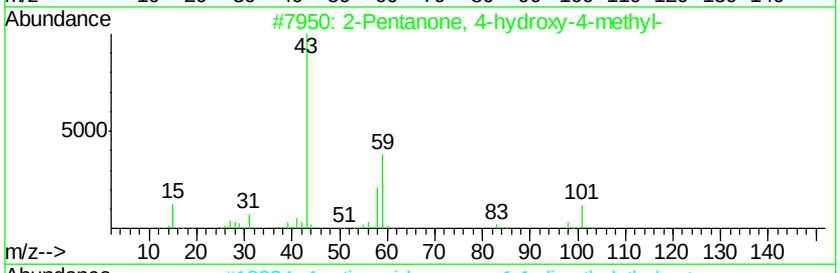
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

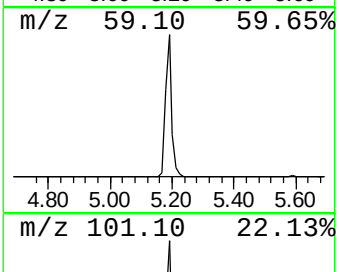
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	20.85 ng	986695	1,4-Dichlorobenzene-d4	6.97

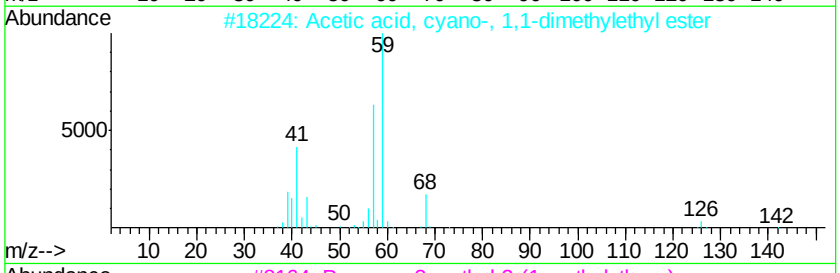
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetone	58	C3H6O	000067-64-1	9

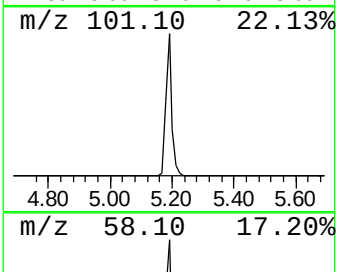


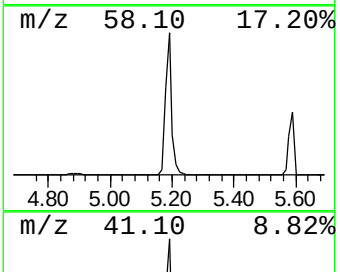


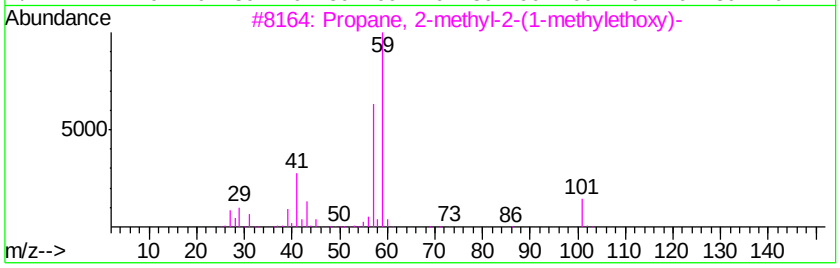


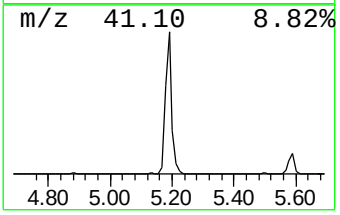












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

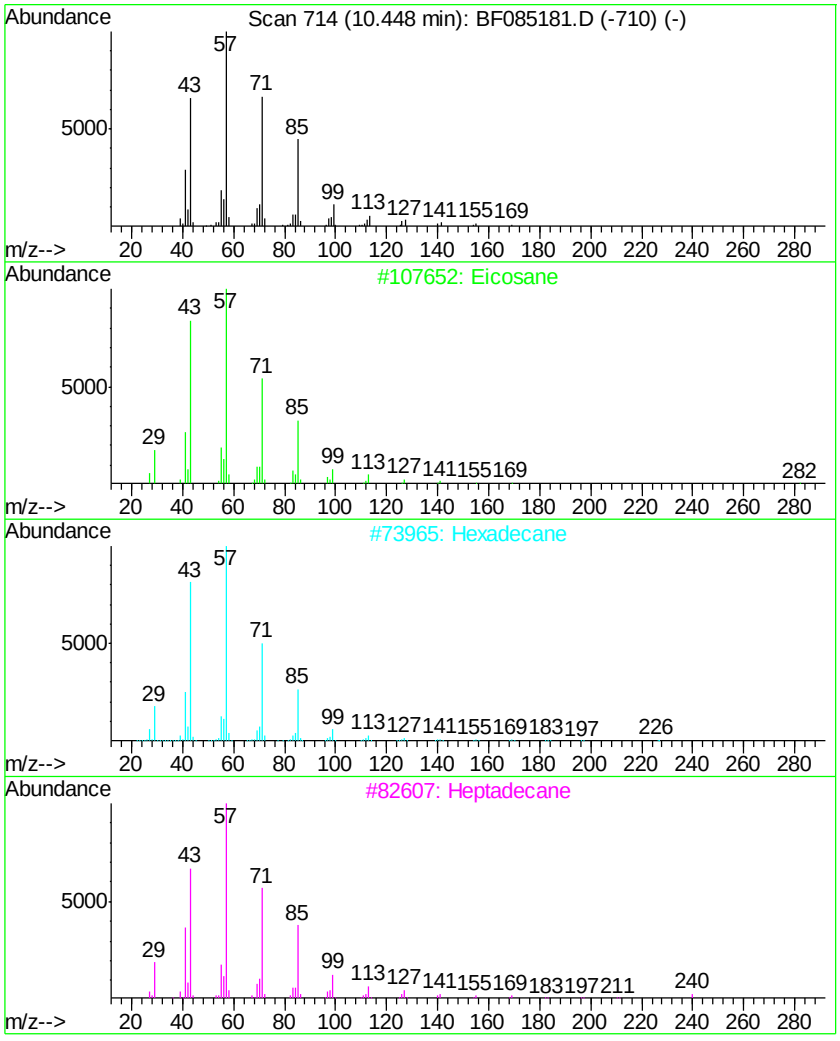
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

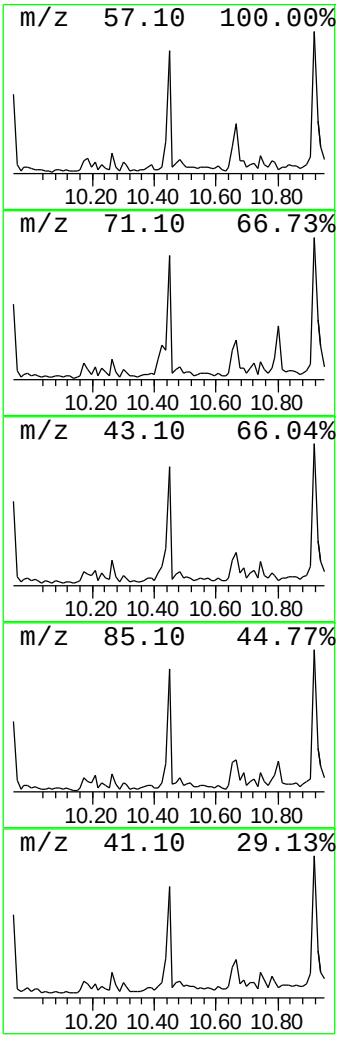
****

Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.52 ng	238938	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

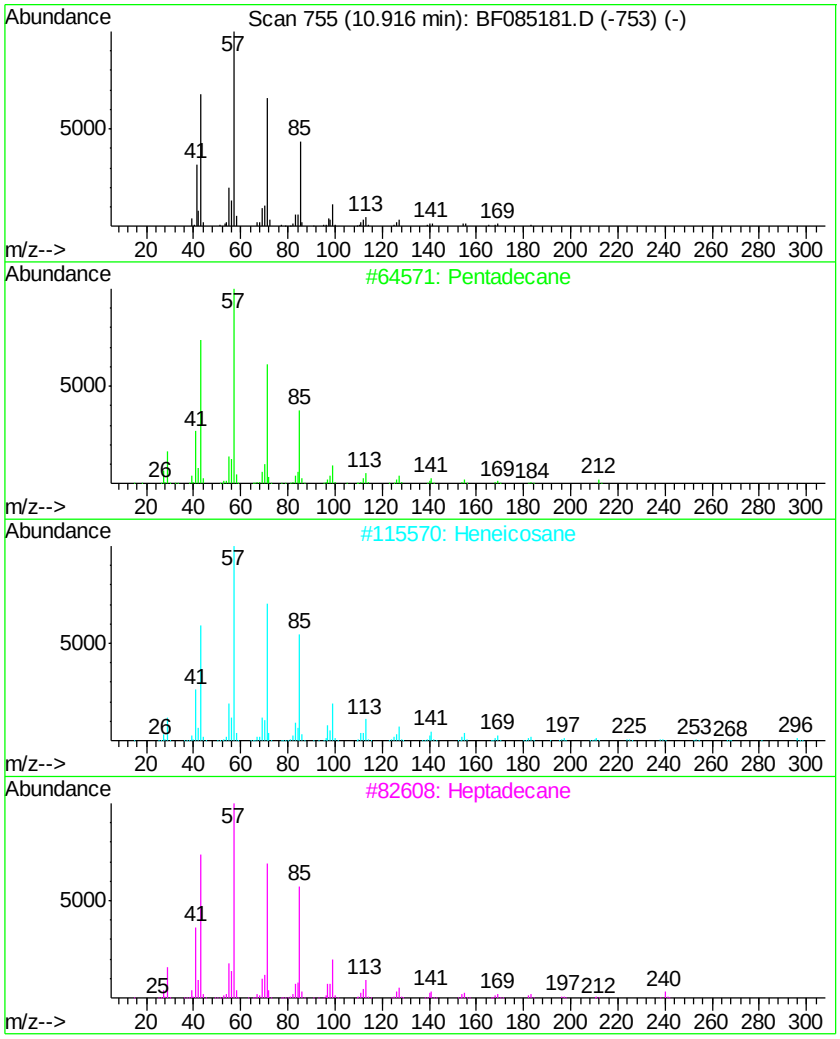
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

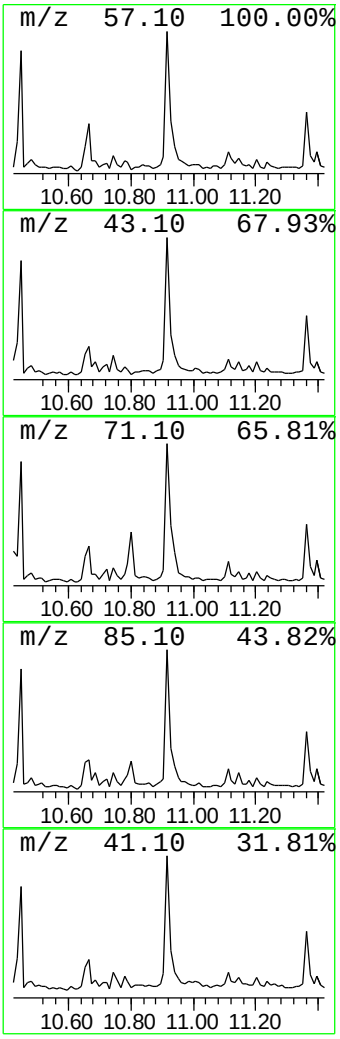
****

Peak Number 5 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.80 ng	318526	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Eicosane	282	C20H42	000112-95-8	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

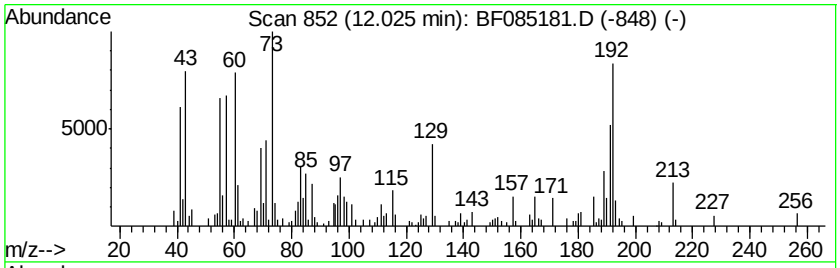
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

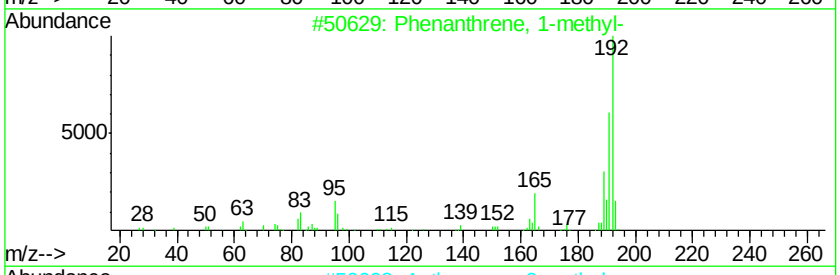
****

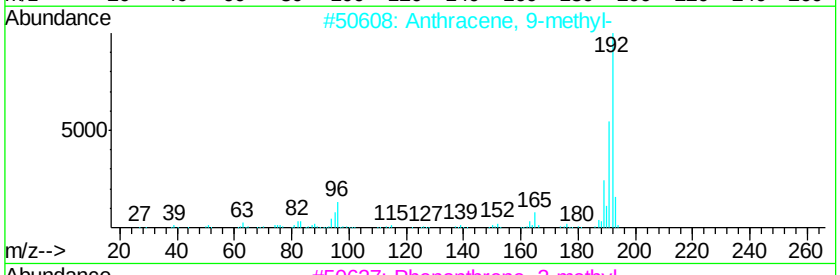
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

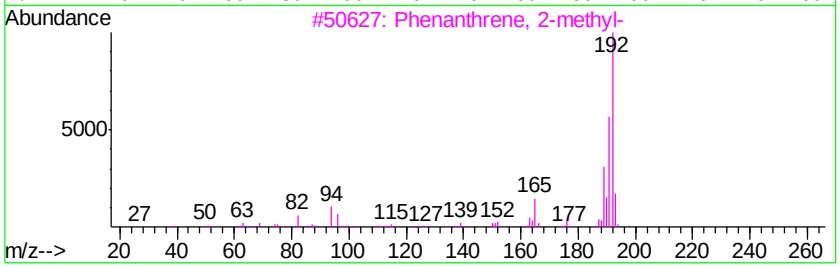
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.43 ng	287345	Phenanthrene-d10	11.50

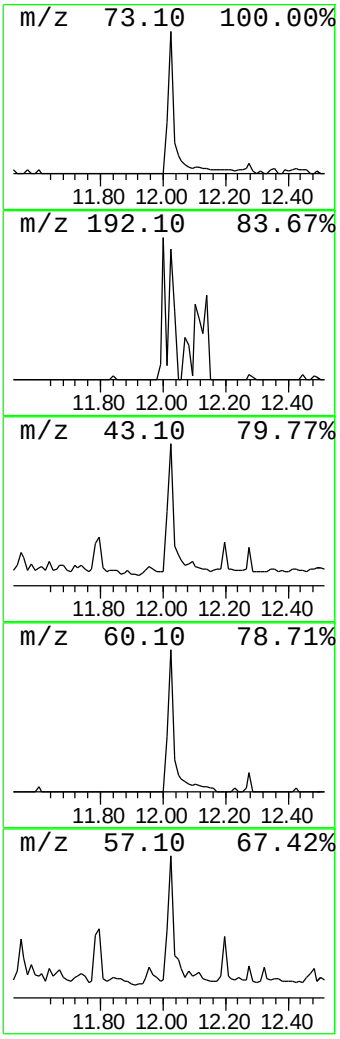
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	62
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	59











Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

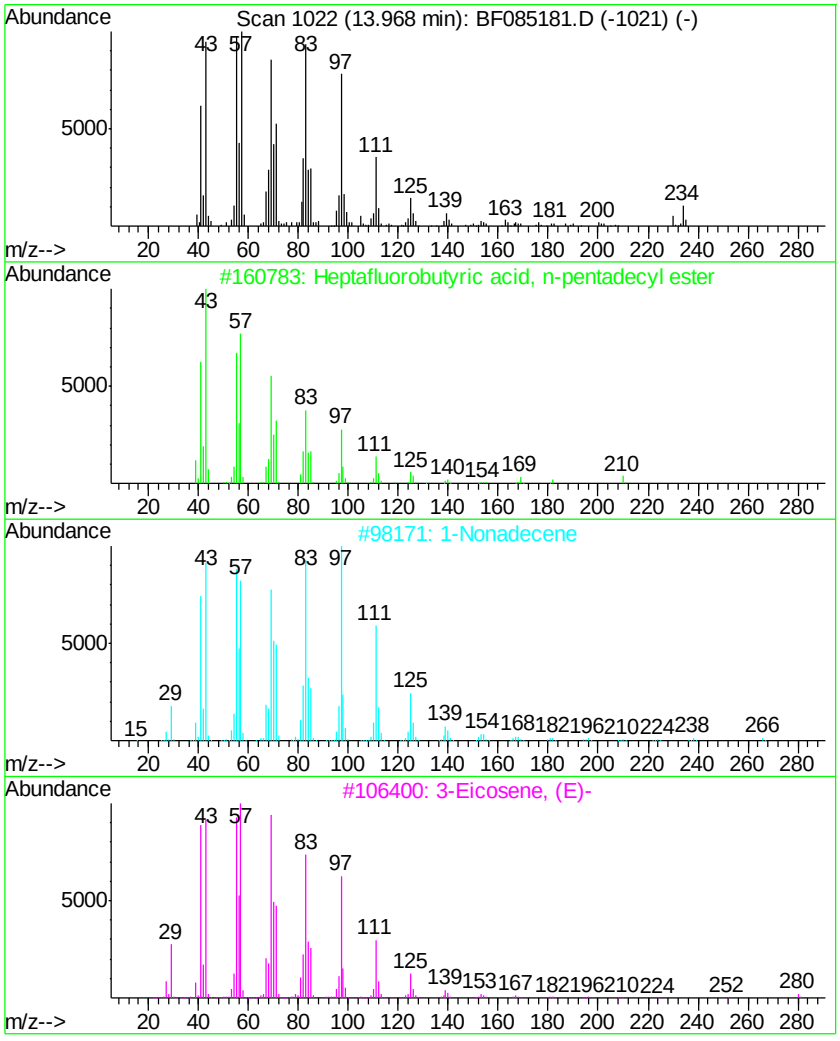
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

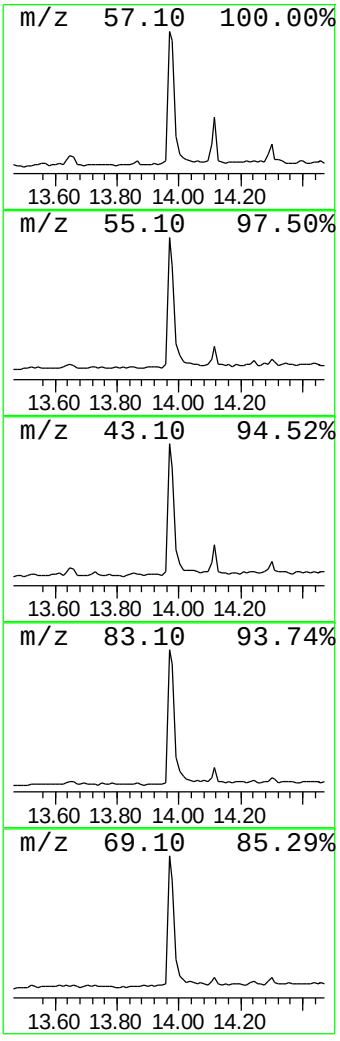
****

Peak Number 7 Heptafluorobutyric acid, n-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.19 ng	463164	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

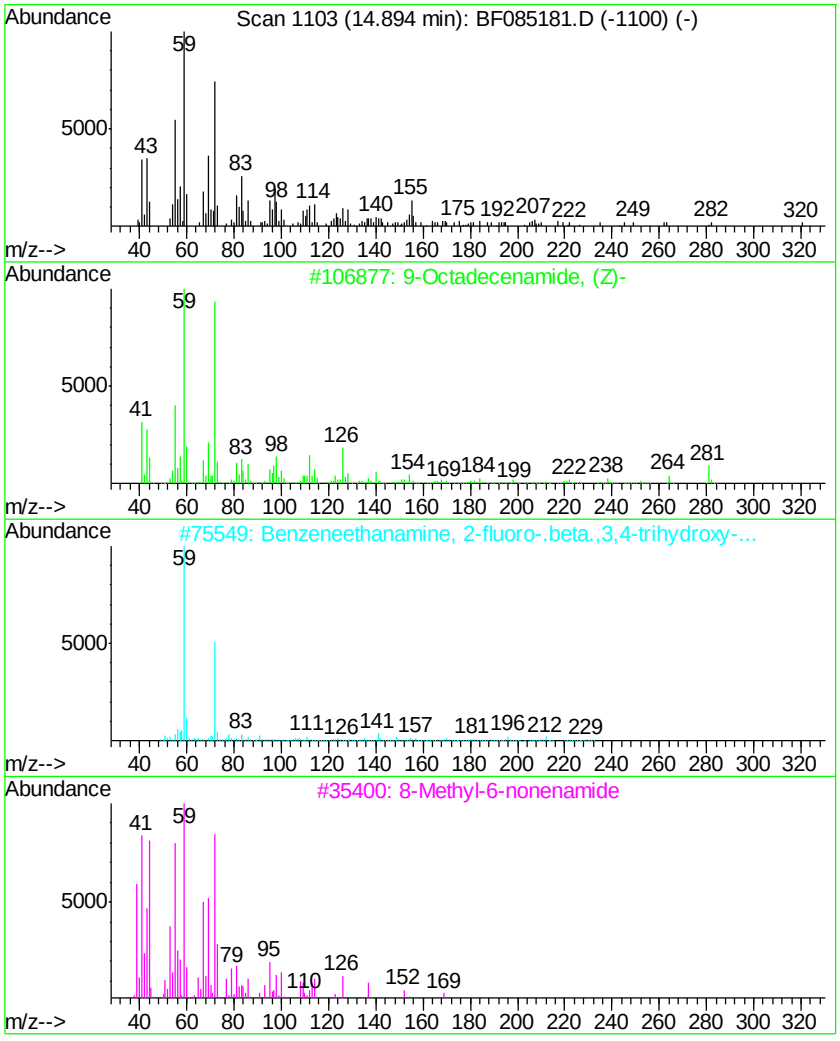
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

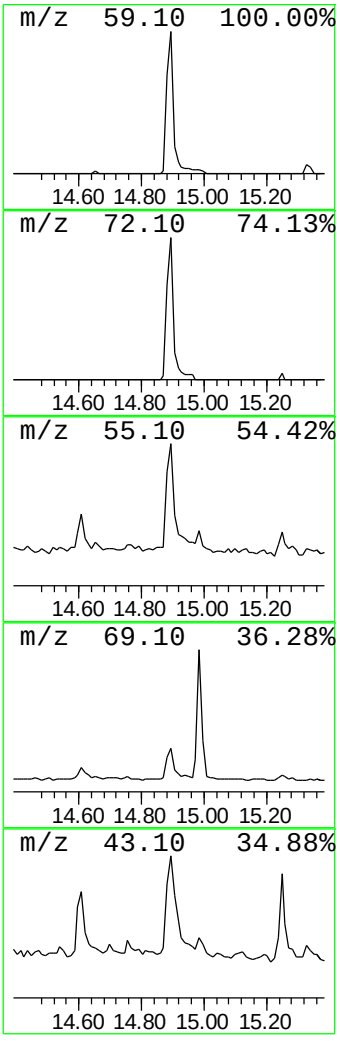
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.11 ng	204801	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53
3	8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	50
4	3-Cyclohexylpropionamide	155	C9H17NO	004361-29-9	47
5	7-Nonenamide	155	C9H17NO	090949-53-4	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

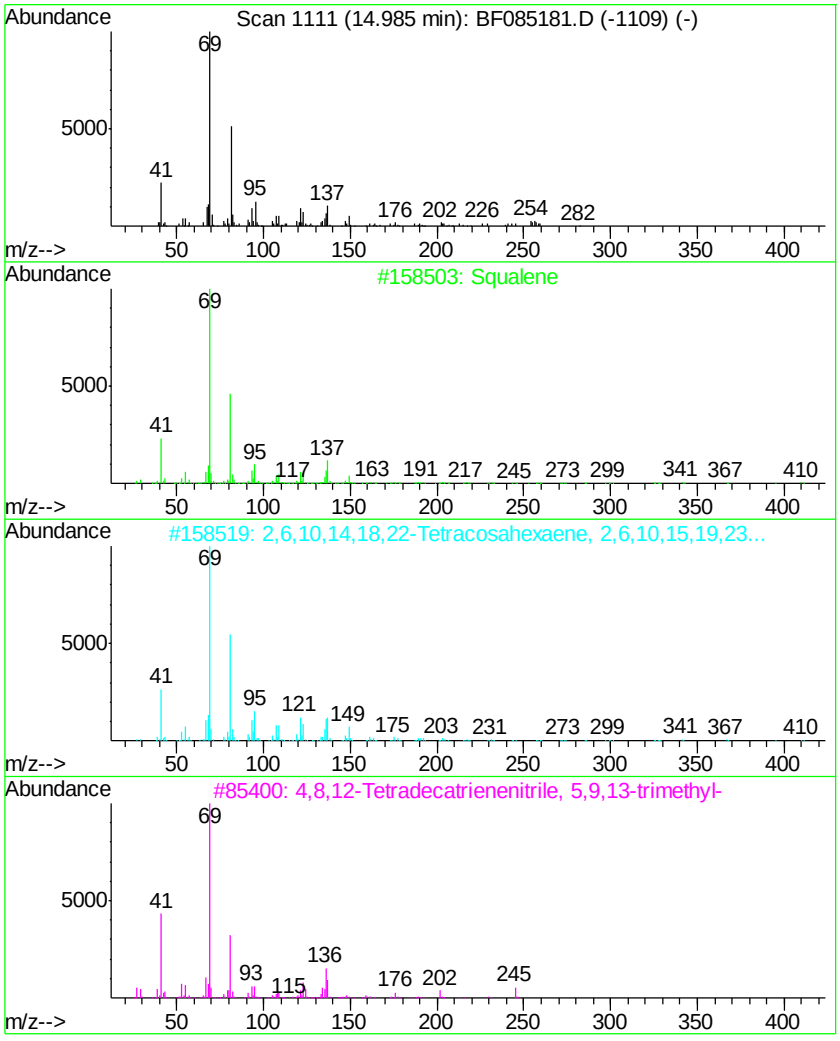
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

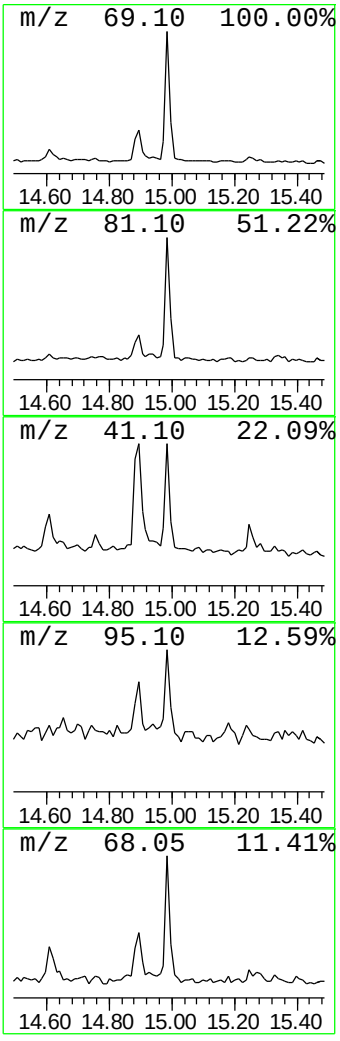
****

Peak Number 9 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.02 ng	121074	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	59
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085181.D
Acq On : 4 Mar 2016 2:49
Operator : SJ/UM
Sample : H1648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-48(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.19	20.9	ng	986695	1	6.97	946422	20.0
Eicosane	10.45	3.5	ng	238938	3	10.01	1357530	20.0
Pentadecane	10.92	3.8	ng	318526	4	11.50	1676540	20.0
Phenanthrene, 1-m...	12.02	3.4	ng	287345	4	11.50	1676540	20.0
Heptafluorobutyri...	13.97	6.2	ng	463164	5	14.14	1496930	20.0
9-Octadecenamide,...	14.89	5.1	ng	204801	6	15.60	802159	20.0
Squalene	14.99	3.0	ng	121074	6	15.60	802159	20.0