LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

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-BF060716.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	1.690	7	9	51	rVB	1077255	2980798	100.00%	18.324%
2	4.661	268	269	281	rBV	34377	76441	2.56%	0.470%
3	5.118	307	309	329	rBV	1041598	1279807	42.94%	7.867%
4	6.204	402	404	411	rBV	1053453	1175663	39.44%	7.227%
5	6.307	411	413	430	rVB	1413316	1416339	47.52%	8.707%
6	6.536	432	433	443	rBV2	311561	367400	12.33%	2.259%
7	6.696	445	447	449	rBV	709677	1035596	34.74%	6.366%
8	7.119	482	484	496	rBV	556971	849889	28.51%	5.225%
9	7.827	543	546	559	rBV	412183	470736	15.79%	2.894%
10	8.902	638	640	643	rBV	1388316	1477071	49.55%	9.080%
11	9.313	674	676	678	rBV	194784	281265	9.44%	1.729%
12	9.576	696	699	701	rBV	363178	516686	17.33%	3.176%
13	10.365	765	768	770	rBV	618084	780132	26.17%	4.796%
14	10.490	777	779	782	rVB	38618	53501	1.79%	0.329%
15	10.936	816	818	819	rBV	25031	30834	1.03%	0.190%
16	11.051	825	828	833	rBV	445635	515320	17.29%	3.168%
17	11.313	848	851	853	rBV2	18115	38037	1.28%	0.234%
18	12.262	932	934	939	rBV	66402	96254	3.23%	0.592%
19	12.479	949	953	955	rBV2	59052	108661	3.65%	0.668%
20	12.628	964	966	969	rBV	1065979	1123998	37.71%	6.910%
21	12.674	969	970	972	rVB	45330	37398	1.25%	0.230%
22	13.176	1012	1014	1016	rBV	36617	36747	1.23%	0.226%
23	13.554	1044	1047	1055	rVB3	37345	85219	2.86%	0.524%
24	13.679	1055	1058	1064	rBV2	324498	490644	16.46%	3.016%
25	14.159	1098	1100	1107	rBV5	13578	49931	1.68%	0.307%
26	14.434	1122	1124	1127	rBV2	90904	133870	4.49%	0.823%
27	14.685	1143	1146	1152	rVV2	37040	98501	3.30%	0.606%
28	14.777	1152	1154	1157	rVB3	16806	30371	1.02%	0.187%
29	14.937	1166	1168	1171	rBV	30915	57972	1.94%	0.356%
30	14.994	1171	1173	1175	rVV	27487	44291	1.49%	0.272%
31	15.028	1175	1176	1181	rVB	250099	370513	12.43%	2.278%
32	15.394	1206	1208	1213	rBV4	15679	40926	1.37%	0.252%
33	15.554	1221	1222	1230	rVB4	24204	65626	2.20%	0.403%
34	16.297	1282	1287	1291	rBV3	19870	50771	1.70%	0.312%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2A

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16267208

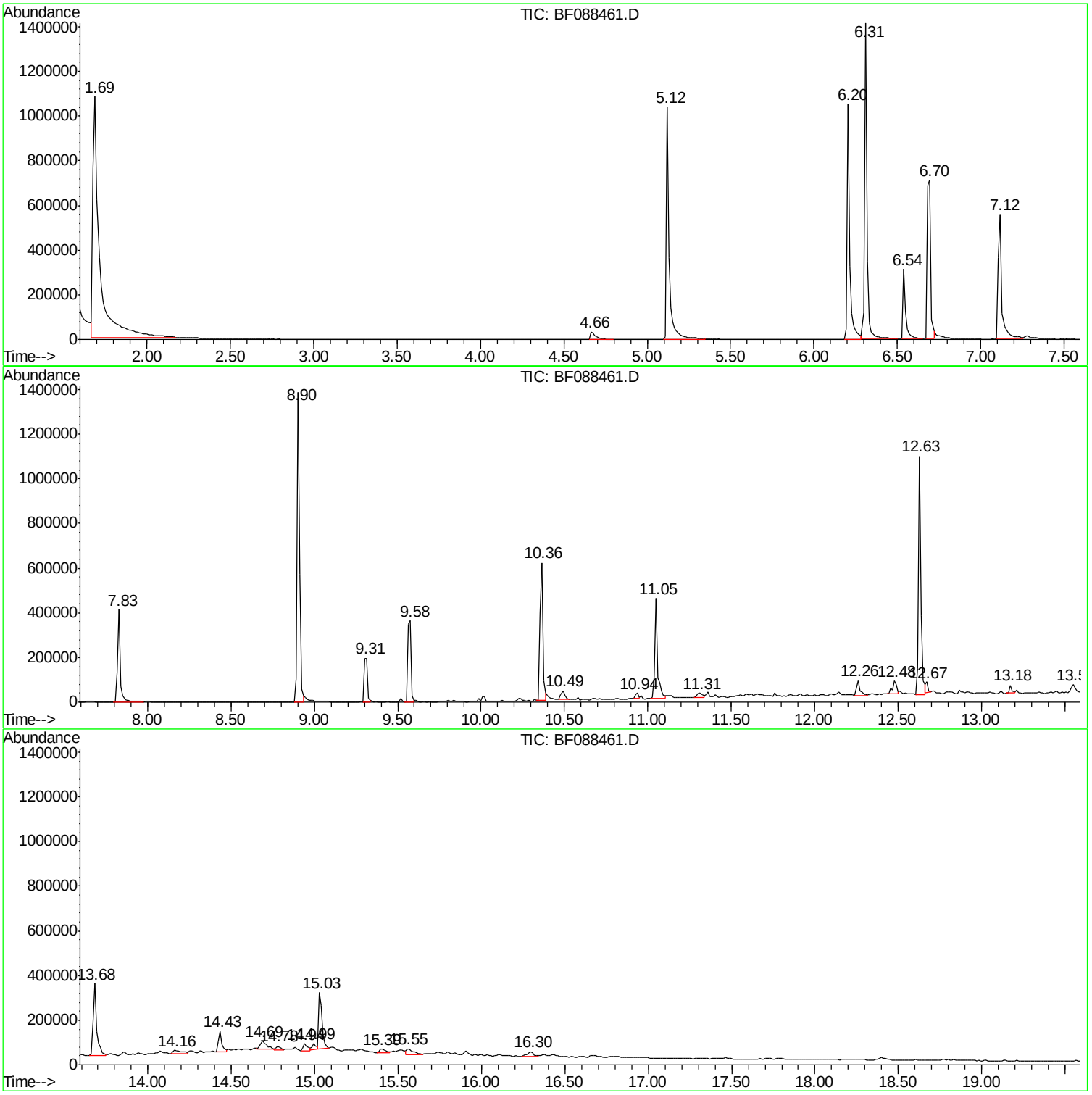
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

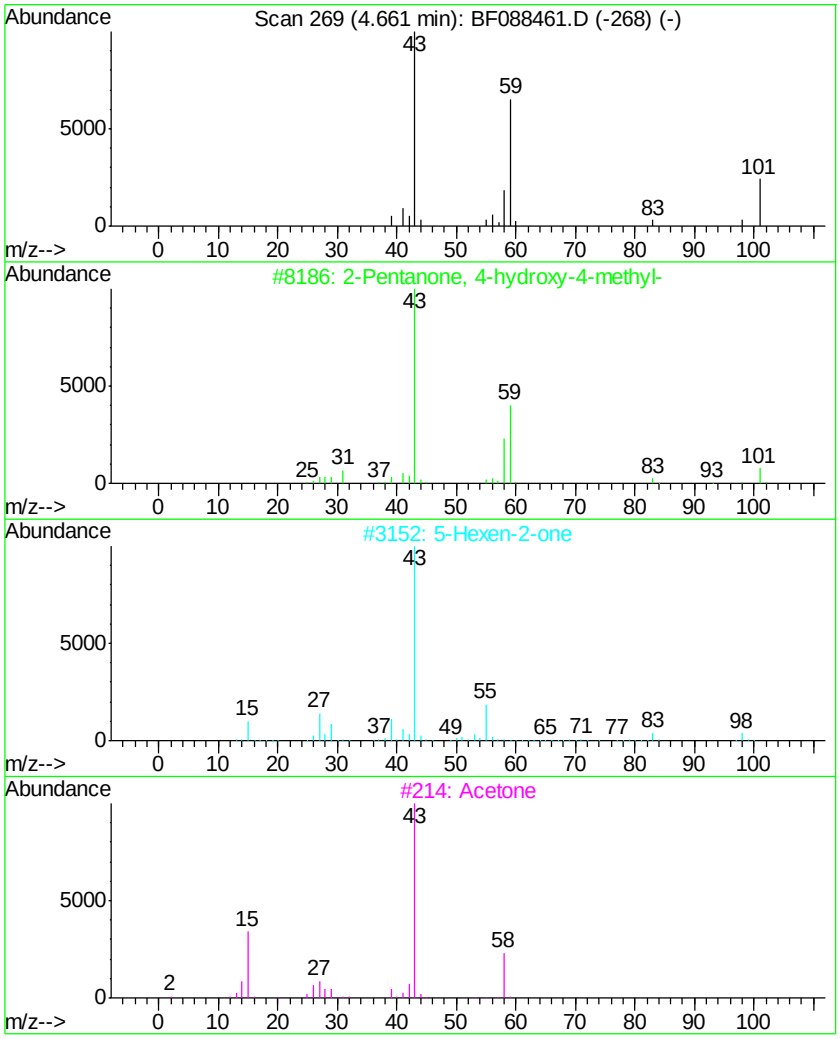
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

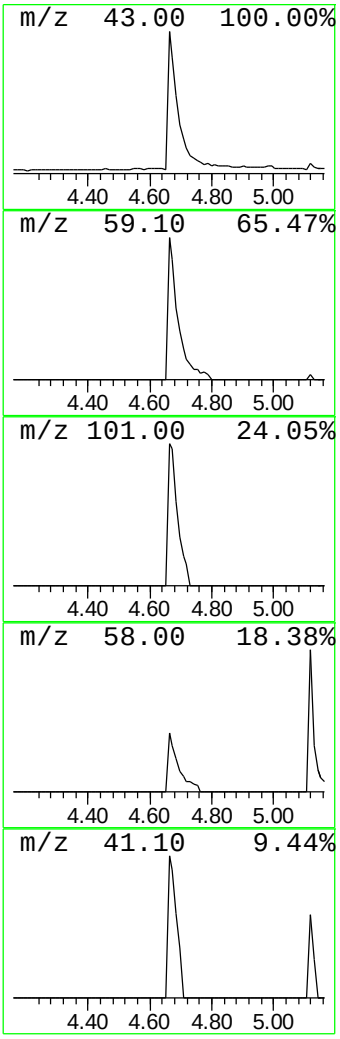
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	4.16 ng	76441	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Acetone	58	C3H6O	000067-64-1	9
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
5	Hexanamide	115	C6H13NO	000628-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

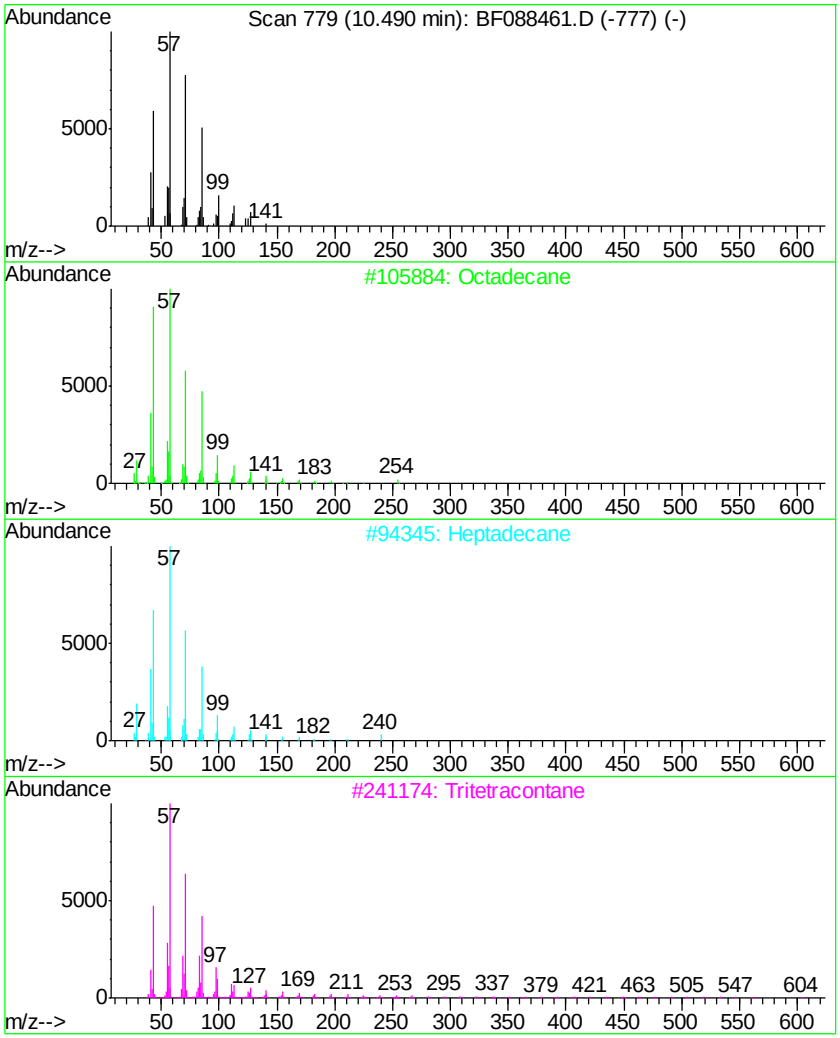
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

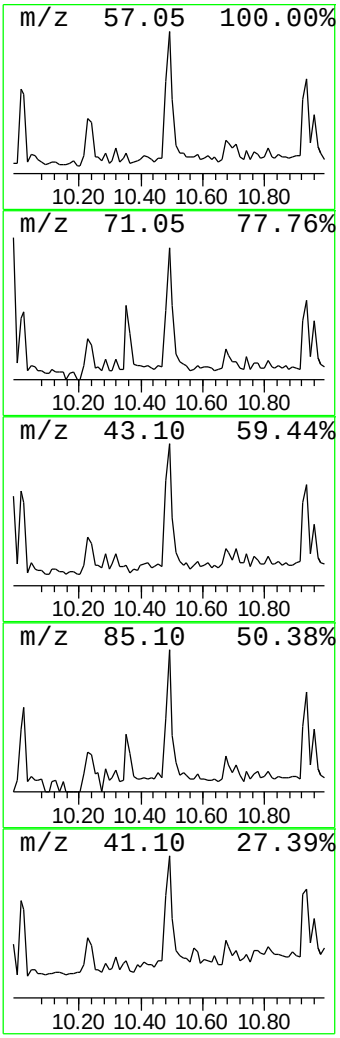
****

Peak Number 5 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.08 ng	53501	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

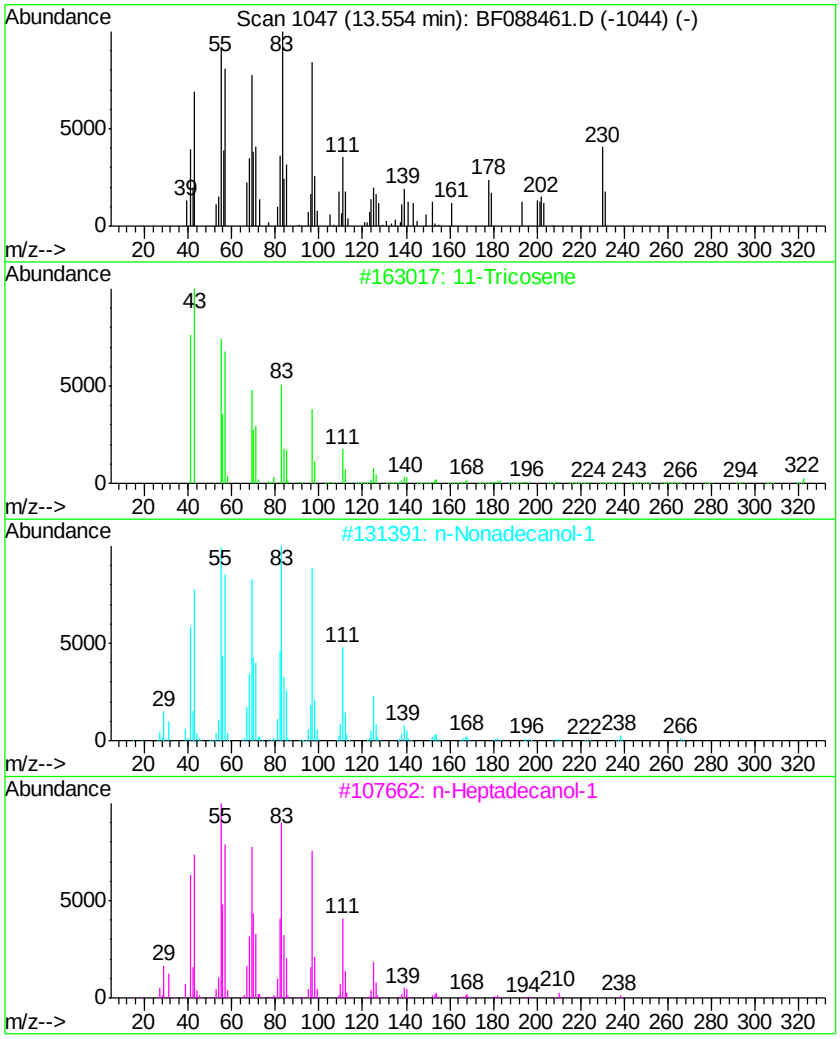
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

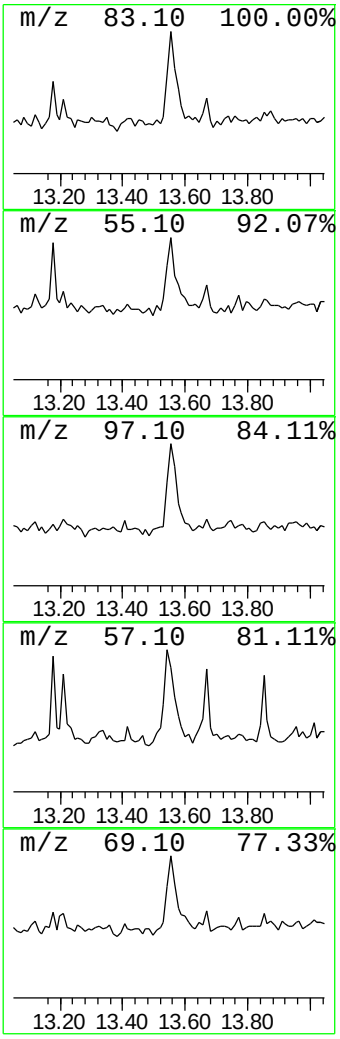
****

Peak Number 6 11-Tricosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.47 ng	85219	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	81
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	76
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	76
4	1-Heneicosanol	312	C21H44O	015594-90-8	76
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

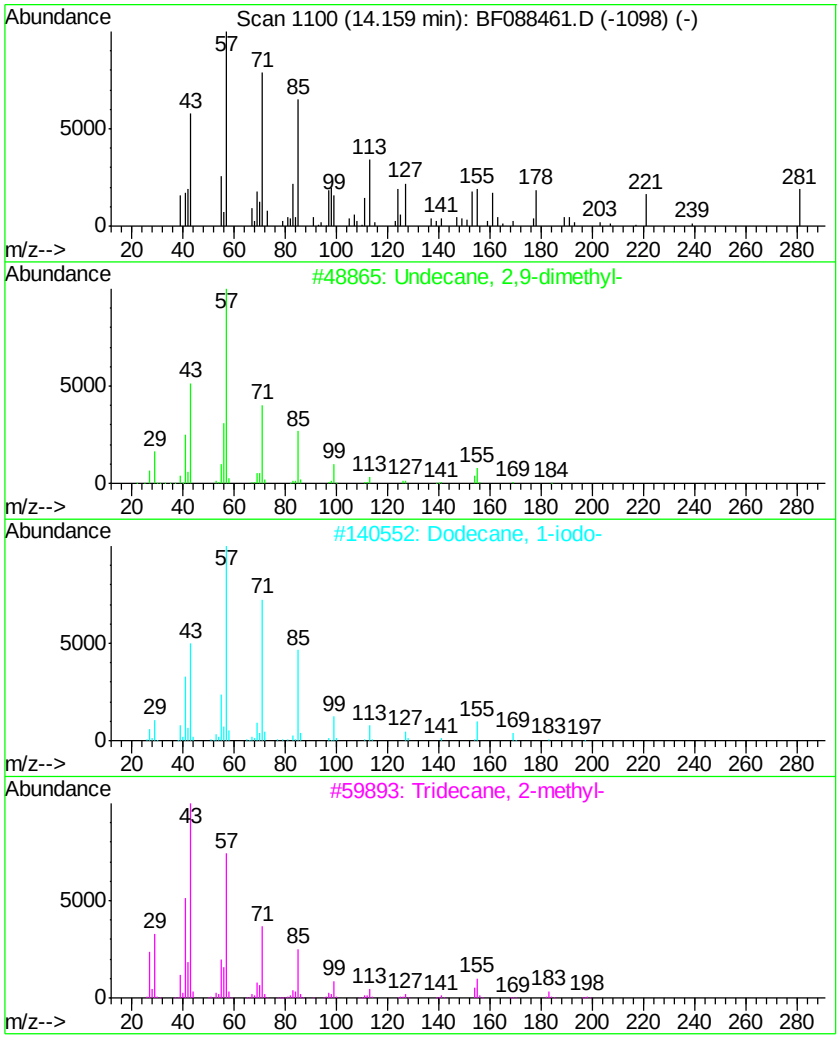
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

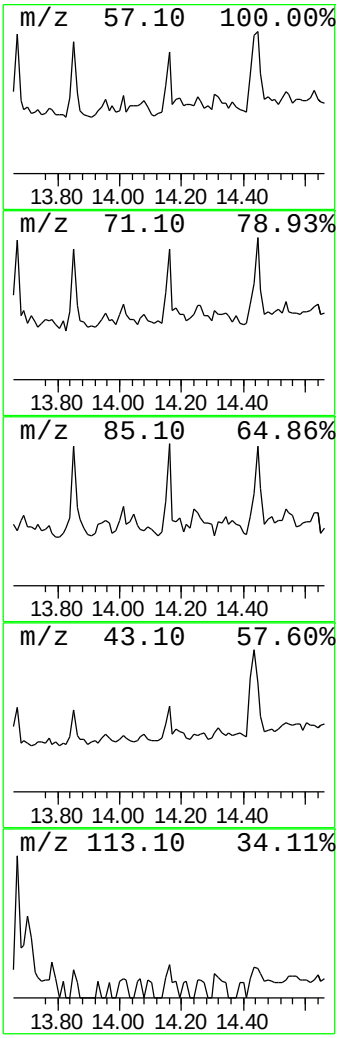
****

Peak Number 7 Undecane, 2,9-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.04 ng	49931	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
4	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	50
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

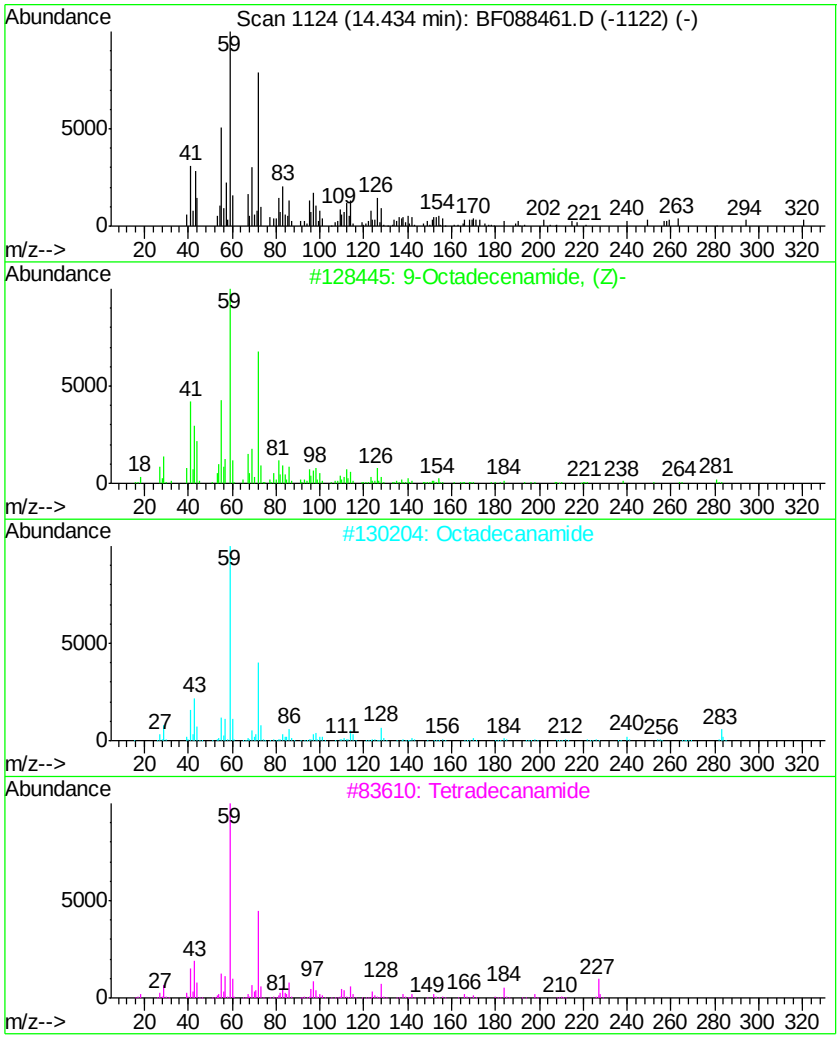
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

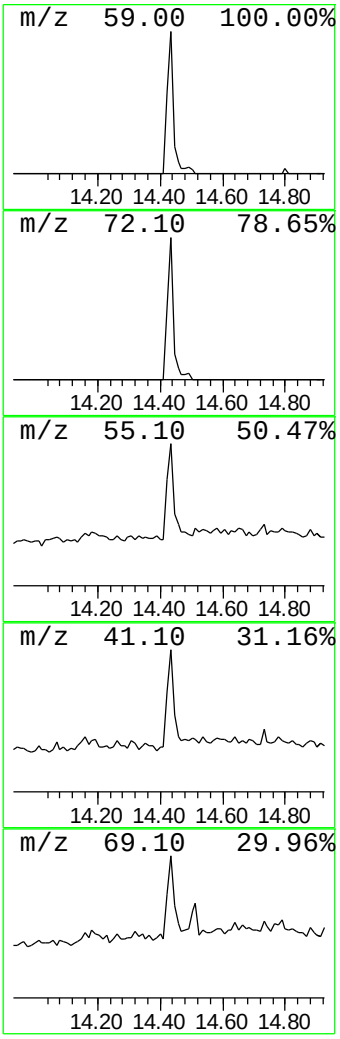
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	7.23 ng	133870	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	Octadecanamide	283	C18H37NO	000124-26-5	50
3	Tetradecanamide	227	C14H29NO	000638-58-4	38
4	Dodecanamide	199	C12H25NO	001120-16-7	38
5	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

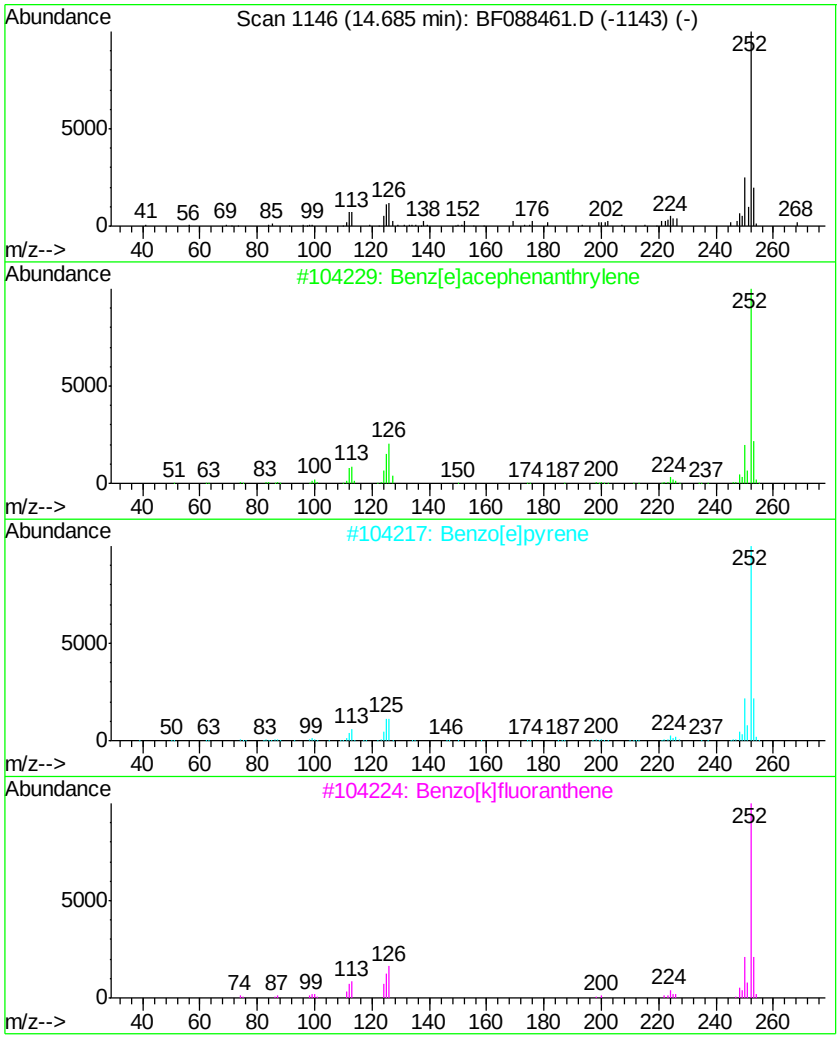
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

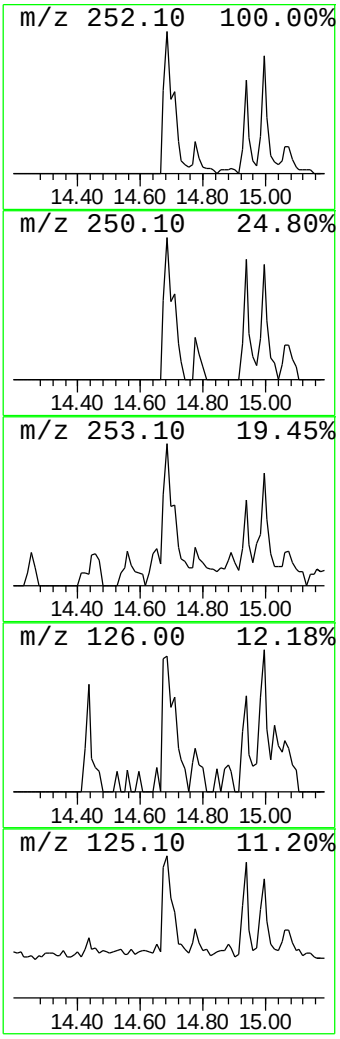
****

Peak Number 9 Benz[e]acephenanthrylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	5.32 ng	98501	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

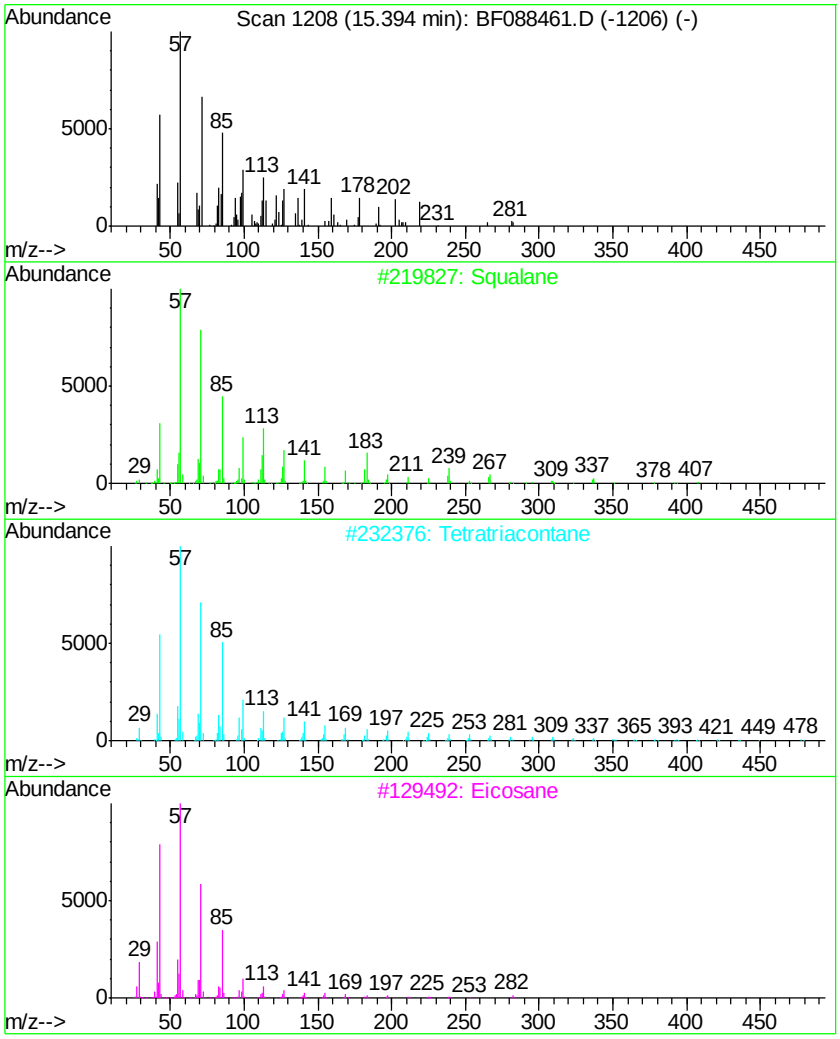
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

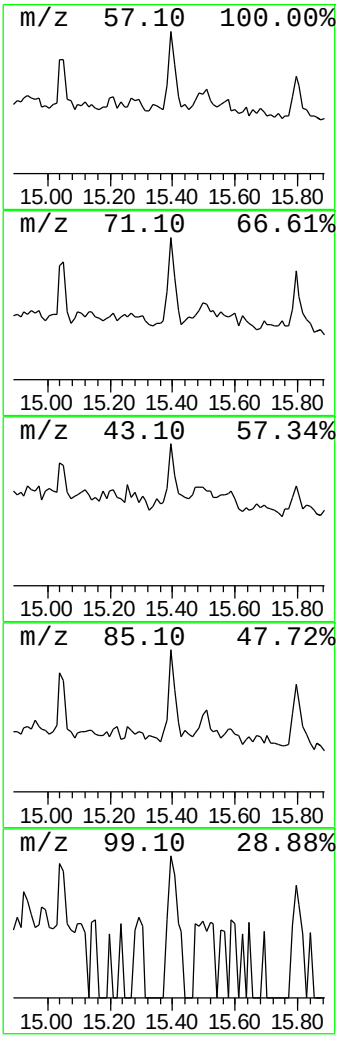
****

Peak Number 11 Squalane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	2.21 ng	40926	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalane	422	C30H62	000111-01-3	53
2	Tetratriacontane	479	C34H70	014167-59-0	50
3	Eicosane	282	C20H42	000112-95-8	43
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	43
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

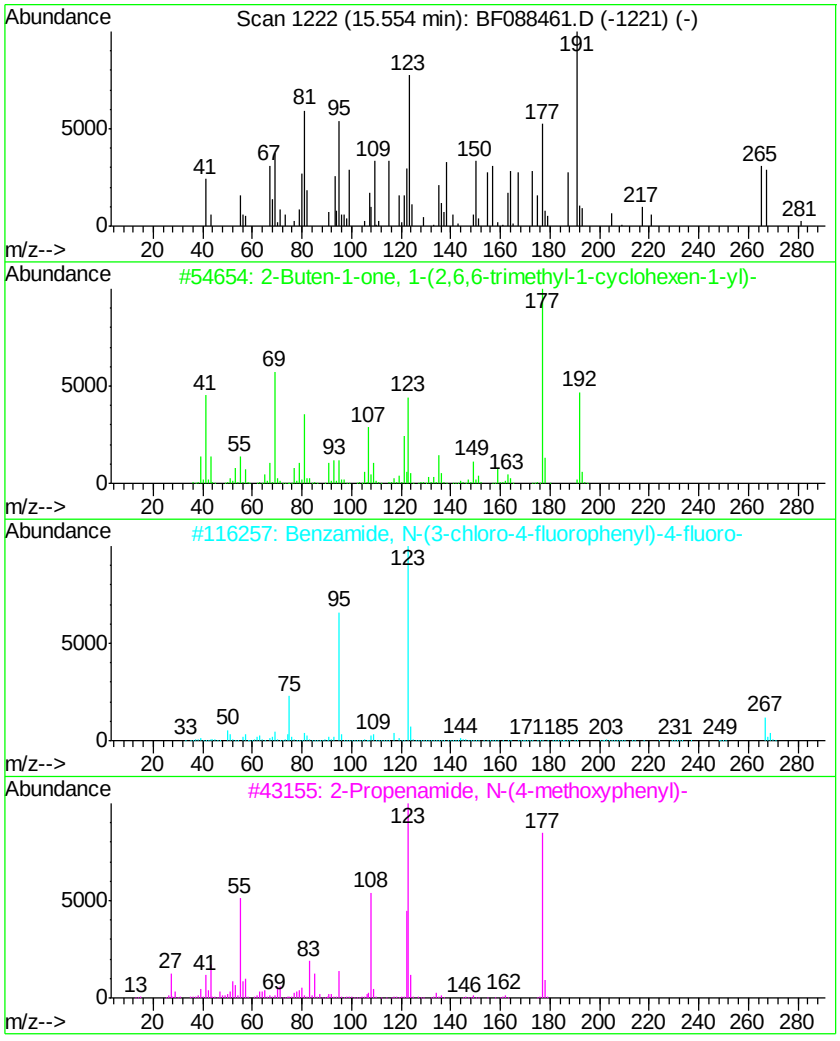
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

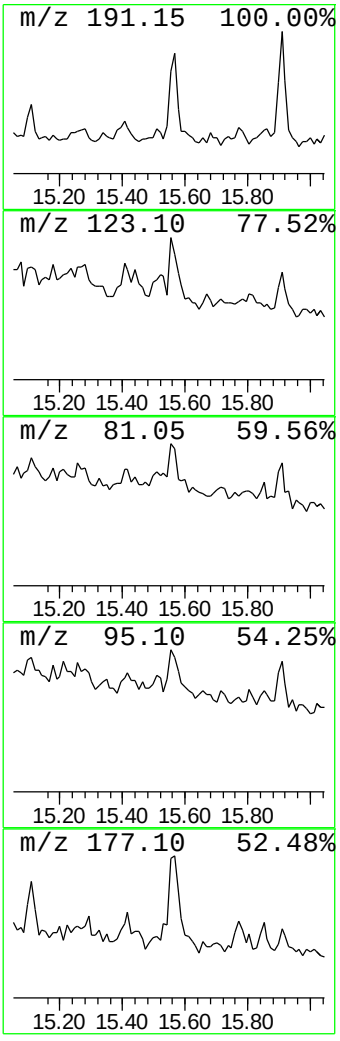
****

Peak Number 12 unknown15.55 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.54 ng	65626	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	38
2	Benzamide, N-(3-chloro-4-fluorop...	267	C13H8ClF2NO	1000350-96-0	30
3	2-Propenamide, N-(4-methoxyphenyl)-	177	C10H11NO2	007766-37-2	25
4	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	22
5	Hexahydroindole	123	C8H13N	018159-32-5	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

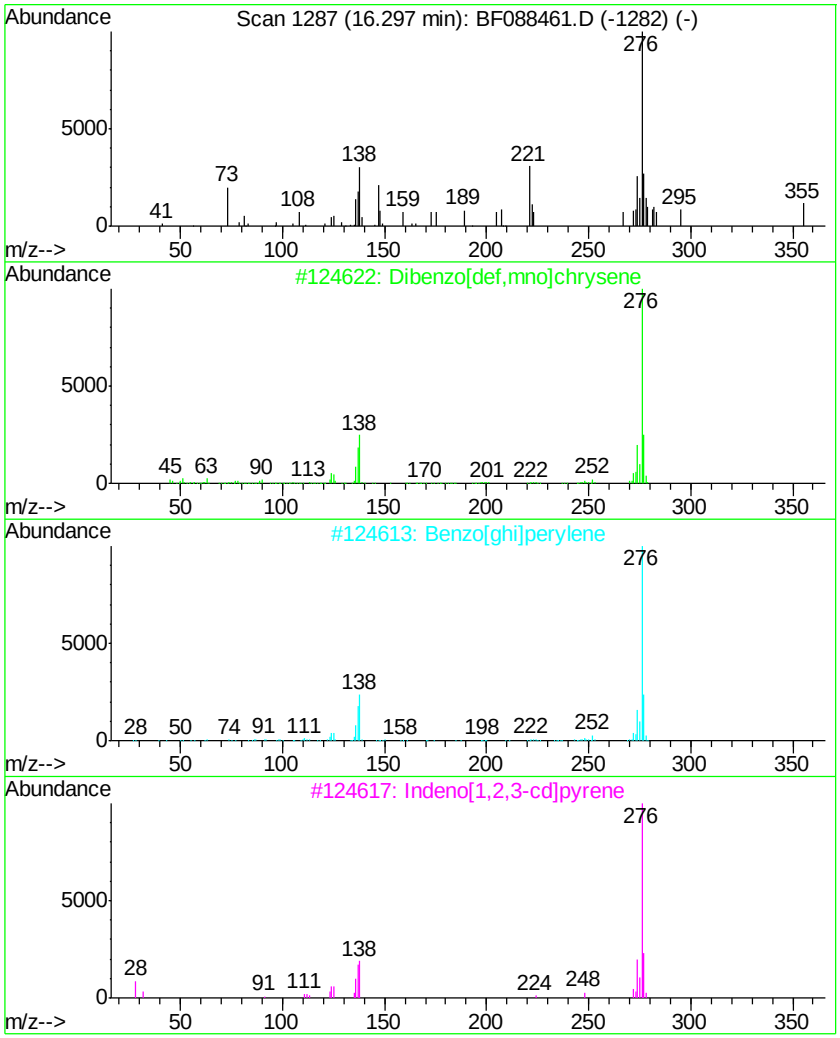
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

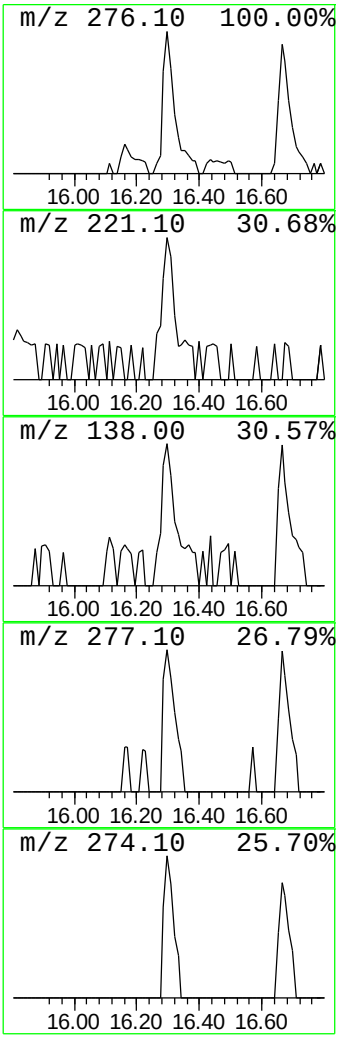
****

Peak Number 13 Dibenzo[def,mno]chrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.74 ng	50771	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	55
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	55
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	49
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	49
5	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088461.D
Acq On : 27 Jun 2016 19:56
Operator : UM/SJ
Sample : H3701-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.66	4.2	ng	76441	1	6.54	367400	20.0
Octadecane	10.49	2.1	ng	53501	4	11.05	515320	20.0
11-Tricosene	13.55	3.5	ng	85219	5	13.68	490644	20.0
Undecane, 2,9-dim...	14.16	2.0	ng	49931	5	13.68	490644	20.0
9-Octadecenamide,...	14.43	7.2	ng	133870	6	15.03	370513	20.0
Benz[e]acephenant...	14.69	5.3	ng	98501	6	15.03	370513	20.0
Squalane	15.39	2.2	ng	40926	6	15.03	370513	20.0
unknown15.55	15.55	3.5	ng	65626	6	15.03	370513	20.0
Dibenzo[def,mno]c...	16.30	2.7	ng	50771	6	15.03	370513	20.0