LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

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-BF031516.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	5.098	244	246	251	rBV	42480	69150	2.09%	0.228%
2	5.499	278	281	284	rBV	2421399	2936368	88.67%	9.675%
3	6.527	368	371	374	rBV	2486555	2868775	86.63%	9.452%
4	6.664	380	383	386	rBV	2815391	3023353	91.30%	9.961%
5	6.904	401	404	406	rBV	546559	662355	20.00%	2.182%
6	7.053	415	417	420	rBV	2248831	2408764	72.74%	7.936%
7	7.464	450	453	455	rBV	2158720	2058178	62.15%	6.781%
8	7.544	458	460	463	rVB	38843	47994	1.45%	0.158%
9	8.185	514	516	518	rBV	1139866	927140	28.00%	3.055%
10	9.259	608	610	613	rBV	2747019	3311532	100.00%	10.911%
11	9.659	643	645	646	rBV	512366	540765	16.33%	1.782%
12	9.876	661	664	666	rBV	98728	101540	3.07%	0.335%
13	9.945	668	670	672	rVB	826128	920739	27.80%	3.034%
14	10.368	706	707	709	rVB	167732	148629	4.49%	0.490%
15	10.585	724	726	730	rBV	49265	97028	2.93%	0.320%
16	10.733	736	739	741	rBV2	1666303	2064899	62.35%	6.803%
17	10.848	747	749	753	rBV	135345	207785	6.27%	0.685%
18	11.031	763	765	770	rBV3	20788	49441	1.49%	0.163%
19	11.293	786	788	789	rBV	76501	75373	2.28%	0.248%
20	11.419	797	799	803	rBV2	770142	989462	29.88%	3.260%
21	11.499	803	806	808	rVB2	35295	53789	1.62%	0.177%
22	11.602	813	815	819	rBV4	41832	113603	3.43%	0.374%
23	11.716	823	825	828	rVV	64922	122407	3.70%	0.403%
24	11.762	828	829	830	rVV	42731	41951	1.27%	0.138%
25	11.808	830	833	834	rVV3	58781	93808	2.83%	0.309%
26	11.922	836	843	844	rVV6	63919	218353	6.59%	0.719%
27	11.945	844	845	848	rVV2	137823	250497	7.56%	0.825%
28	12.025	851	852	853	rVV	44432	53558	1.62%	0.176%
29	12.082	856	857	859	rBV2	40915	51922	1.57%	0.171%
30	12.116	859	860	863	rVV2	43665	79908	2.41%	0.263%
31	12.208	867	868	872	rVV3	59334	109380	3.30%	0.360%
32	12.276	872	874	875	rVV2	31834	43608	1.32%	0.144%
33	12.299	875	876	878	rVB2	38618	40235	1.21%	0.133%
34	12.368	881	882	883	rBV	58114	52941	1.60%	0.174%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

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-BF031516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.391	883	884	887	rVB	45646	48640	1.47%	0.160%
36	12.448	887	889	891	rBV2	42834	64456	1.95%	0.212%
37	12.482	891	892	895	rVV3	36329	57185	1.73%	0.188%
38	12.551	895	898	903	rVB4	50653	97713	2.95%	0.322%
39	12.631	903	905	908	rVB	199782	194203	5.86%	0.640%
40	12.734	910	914	916	rBV2	44602	64407	1.94%	0.212%
41	12.859	921	925	928	rBV	167288	191106	5.77%	0.630%
42	13.008	935	938	941	rBV	2694975	2444501	73.82%	8.054%
43	13.362	967	969	972	rBV2	19614	40857	1.23%	0.135%
44	13.899	1014	1016	1022	rVB	268155	319907	9.66%	1.054%
45	14.059	1027	1030	1031	rVV	636975	662720	20.01%	2.183%
46	14.082	1031	1032	1035	rVB	70837	66263	2.00%	0.218%
47	14.231	1042	1045	1048	rBV5	14158	41653	1.26%	0.137%
48	14.539	1069	1072	1073	rBV3	24272	41304	1.25%	0.136%
49	15.088	1118	1120	1123	rBV	68342	133995	4.05%	0.441%
50	15.385	1143	1146	1149	rVB	38087	55602	1.68%	0.183%
51	15.442	1149	1151	1154	rVB	58301	80317	2.43%	0.265%
52	15.500	1154	1156	1164	rBV	430945	684069	20.66%	2.254%
53	16.014	1198	1201	1203	rBV2	34111	76382	2.31%	0.252%
54	16.928	1279	1281	1286	rVB2	34641	70263	2.12%	0.231%
55	17.363	1316	1319	1325	rVB	30355	80643	2.44%	0.266%

Sum of corrected areas: 30351416

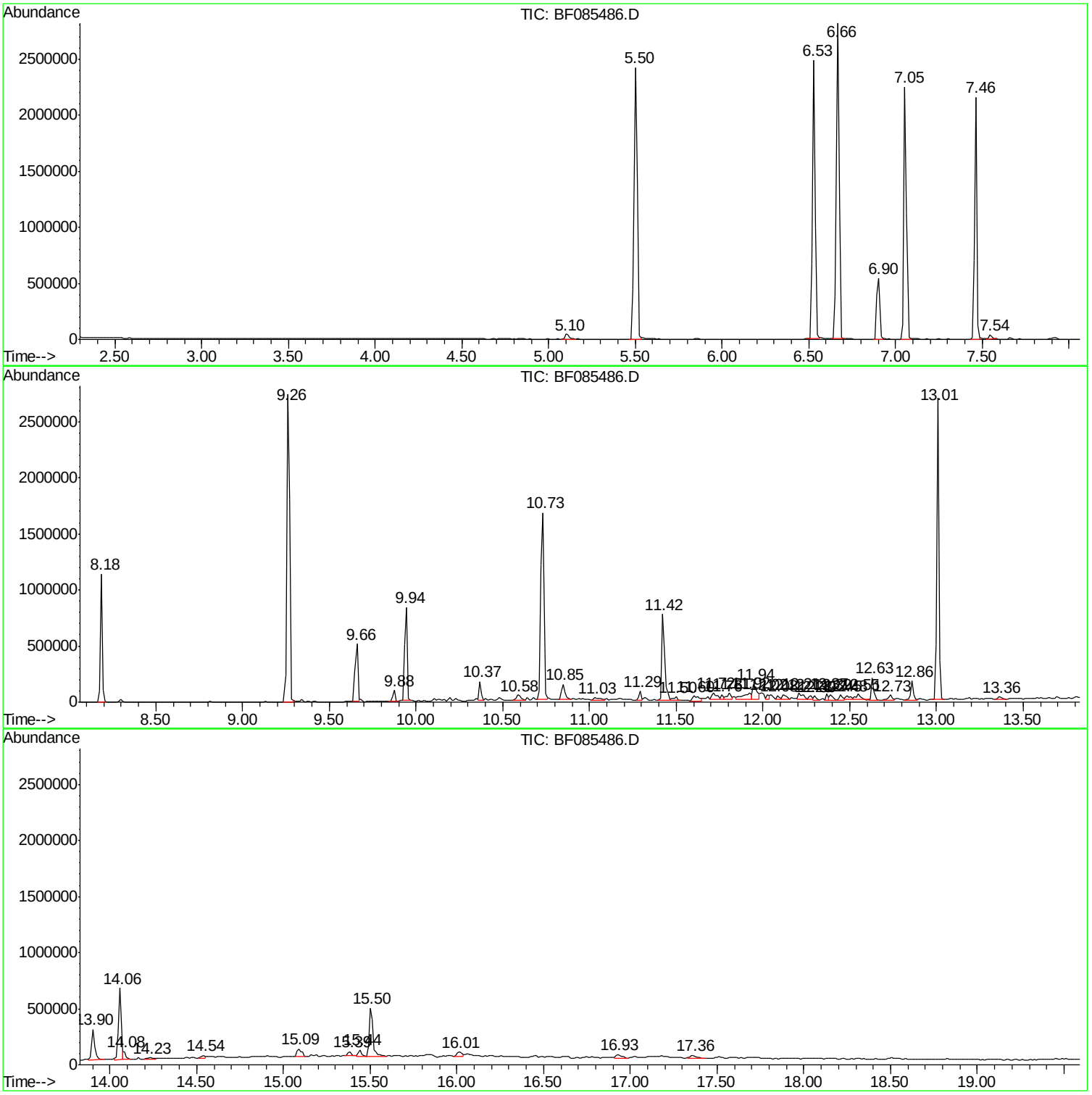
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

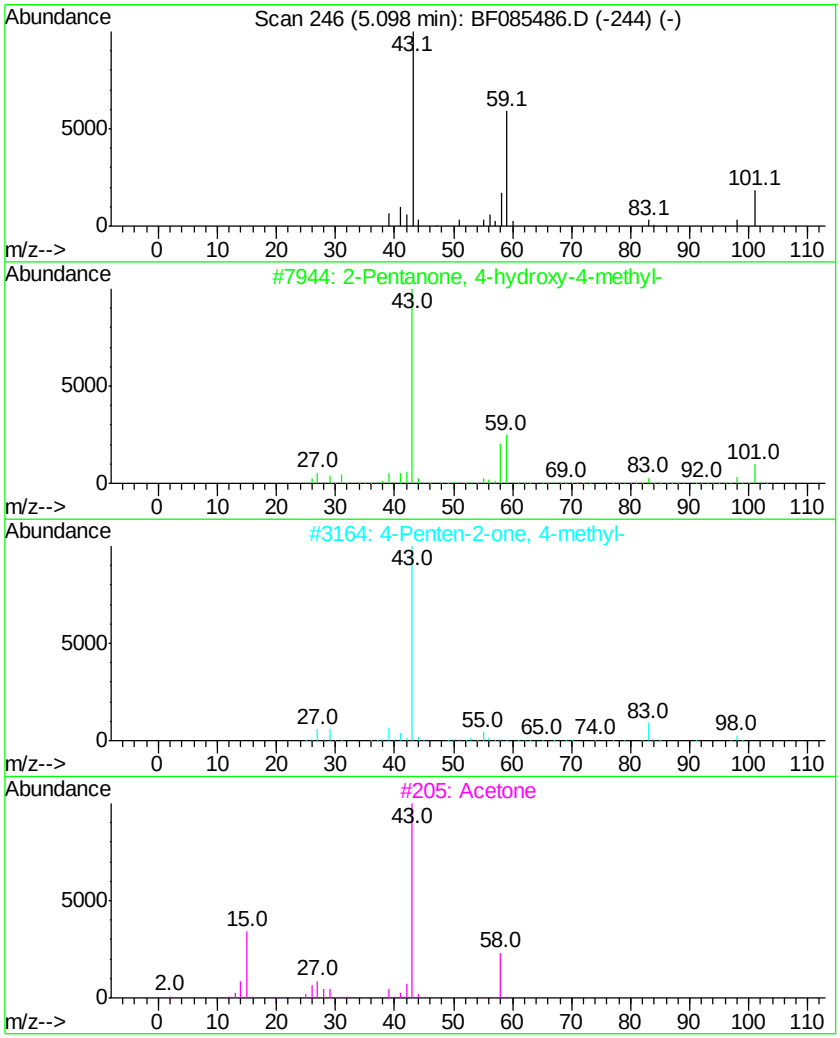
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

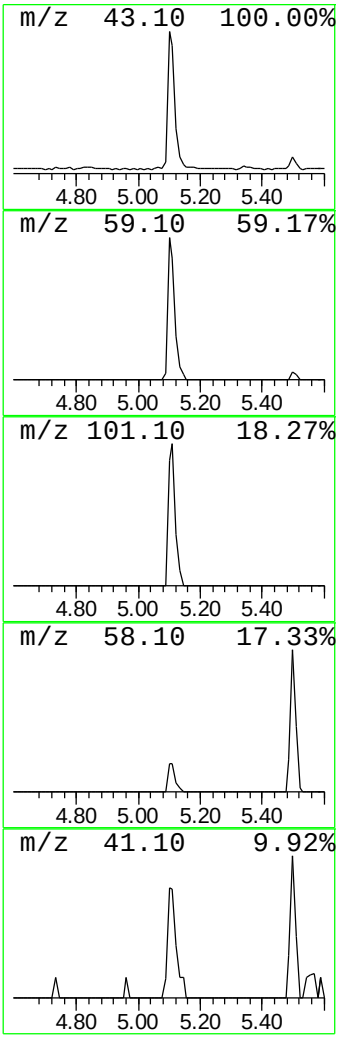
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.09 ng	69150	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
3	Acetone	58	C3H6O	000067-64-1	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

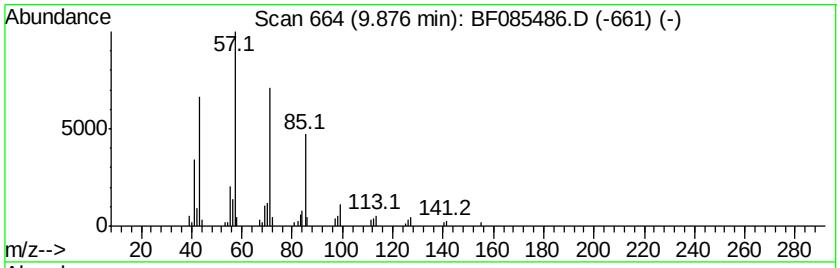
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

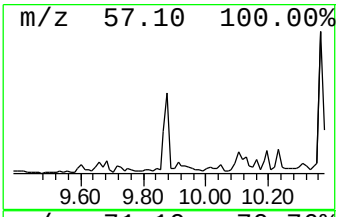
****

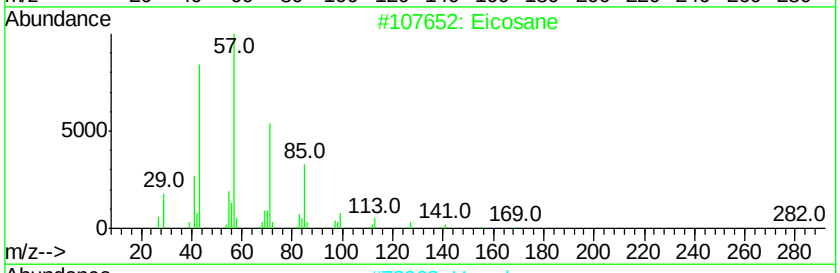
Peak Number 4 Eicosane Concentration Rank 12

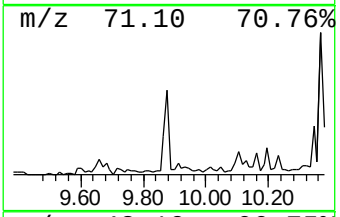
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	2.21 ng	101540	Acenaphthene-d10	9.94

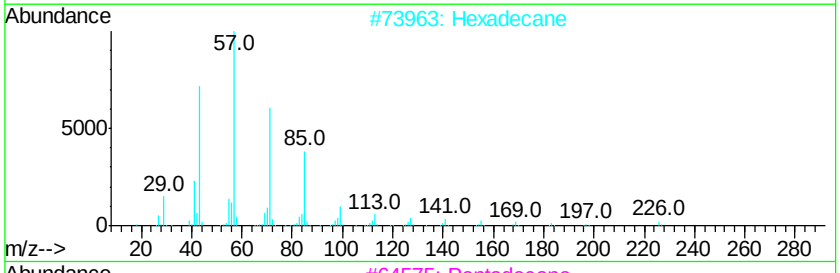
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Heptadecane	240	C17H36	000629-78-7	86

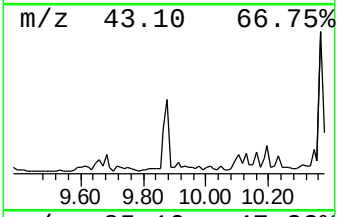


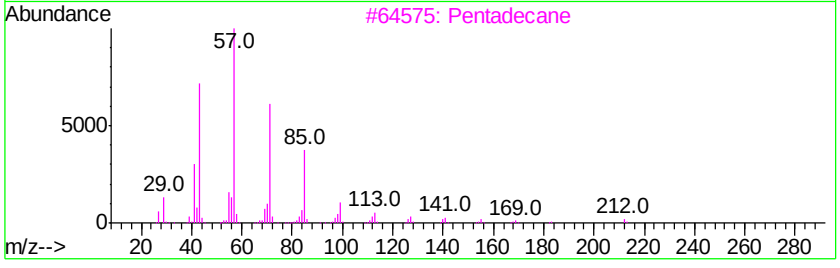


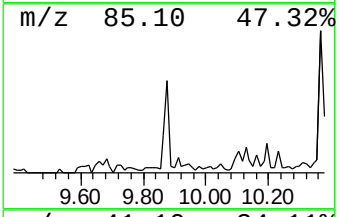


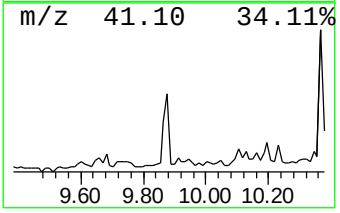












Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

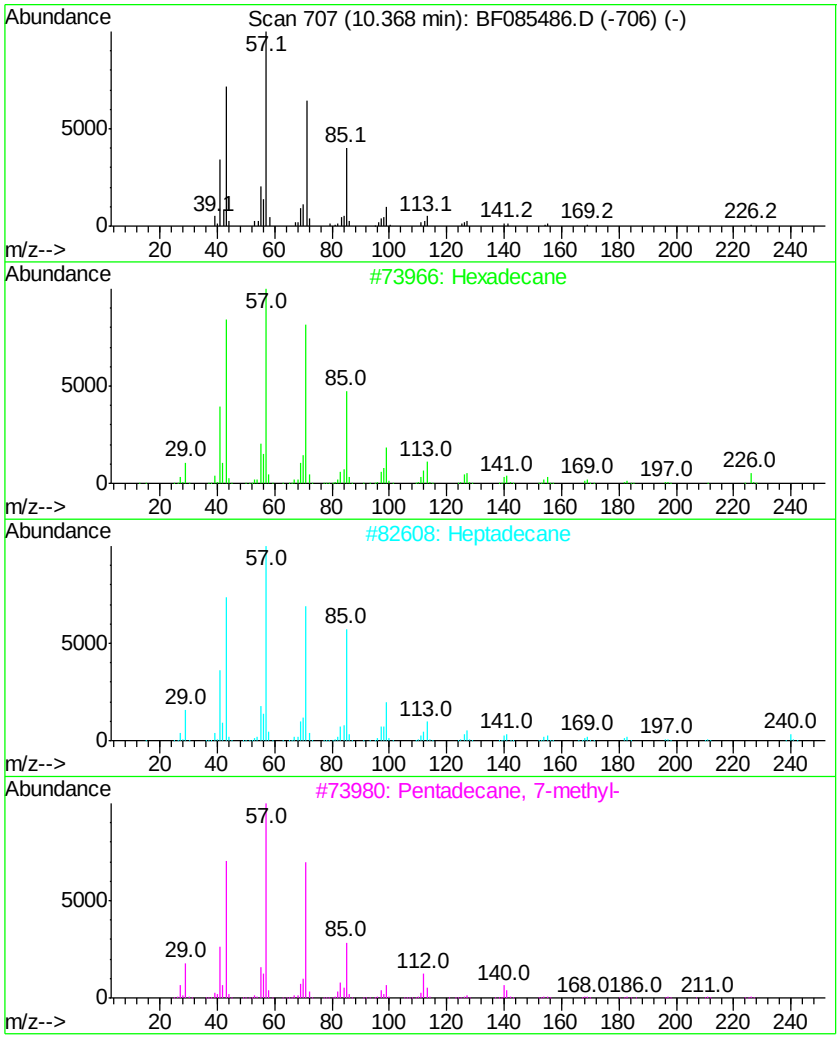
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

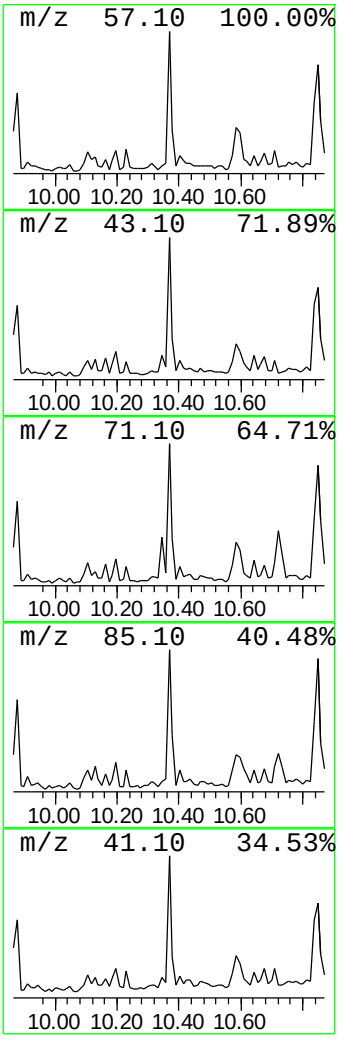
****

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.23 ng	148629	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

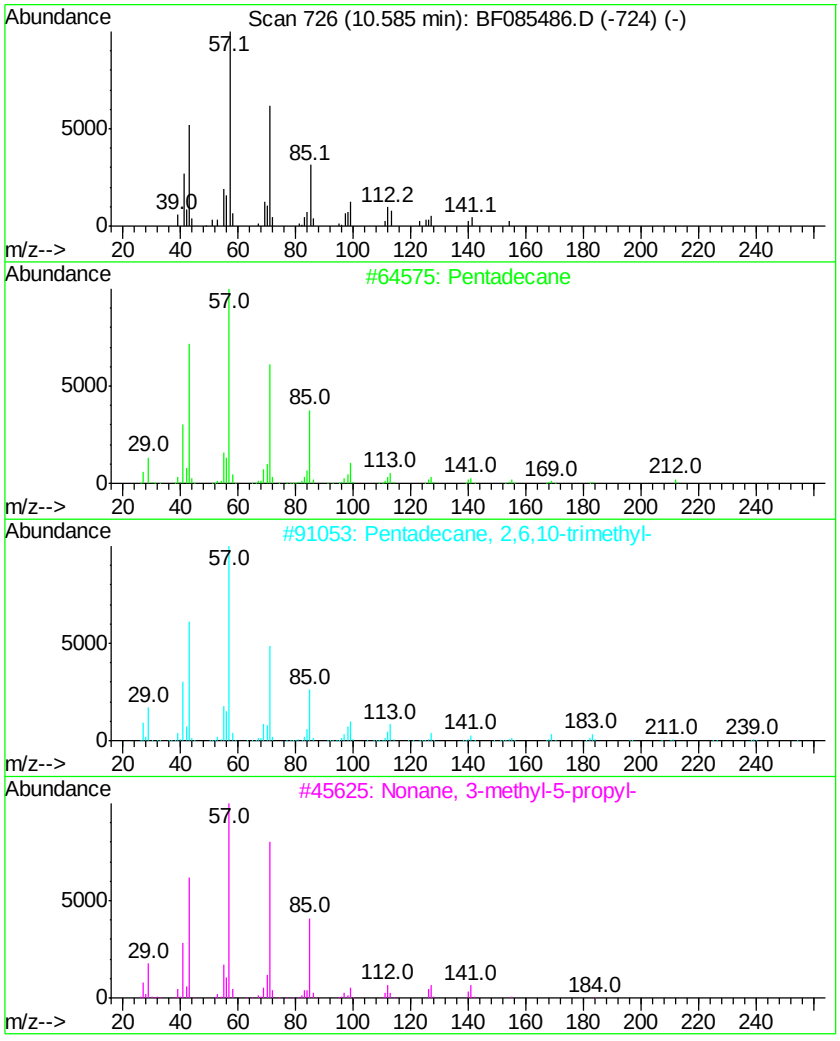
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

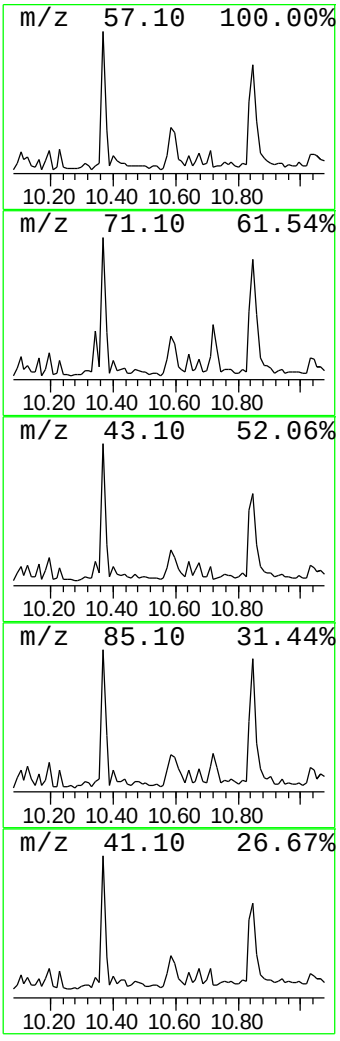
****

Peak Number 6 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.11 ng	97028	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octadecane	254	C18H38	000593-45-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

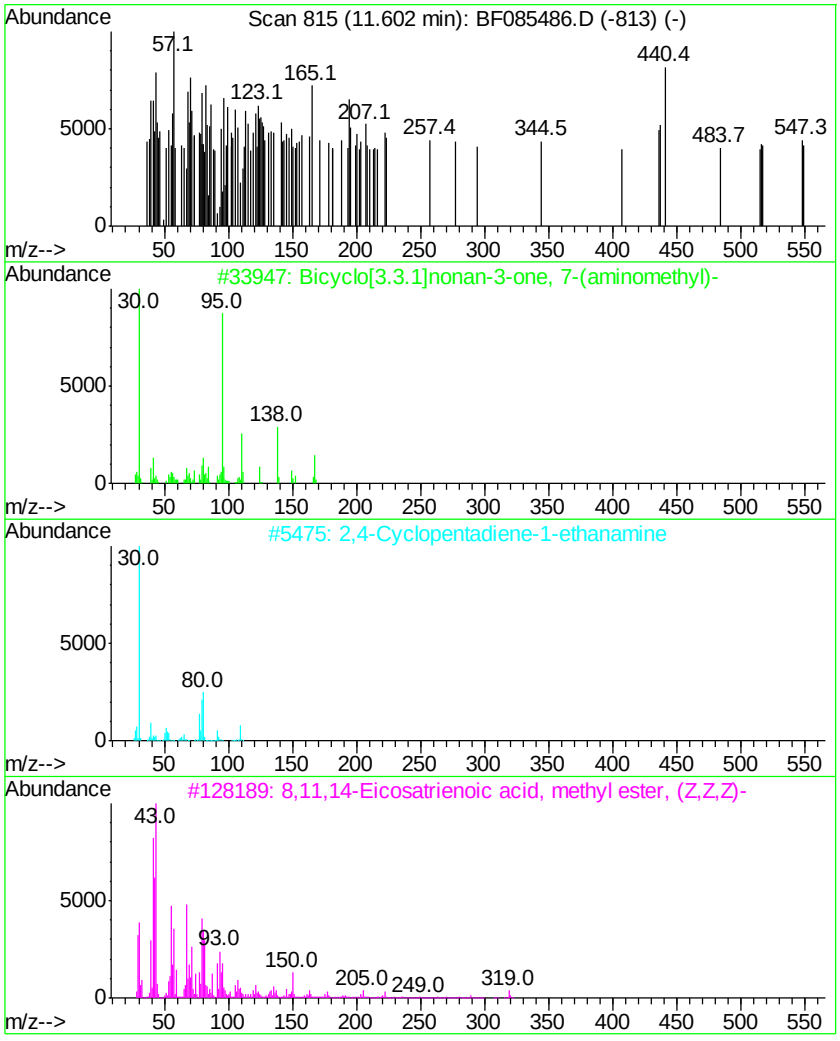
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

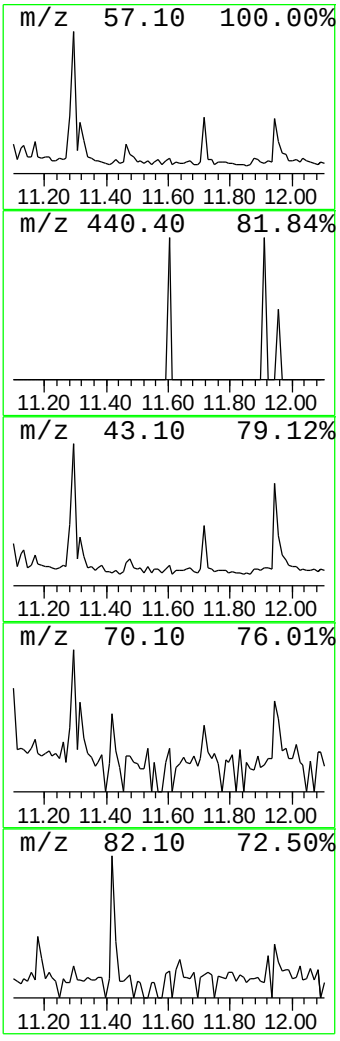
****

Peak Number 8 unknown11.60 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.30 ng	113603	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonan-3-one, 7-(am...	167	C10H17NO	056701-31-6	25
2	2,4-Cyclopentadiene-1-ethanamine	109	C7H11N	138816-65-6	25
3	8,11,14-Eicosatrienoic acid, met...	320	C21H36O2	021061-10-9	4
4	Ursane-3,16-dione, (18.alpha.,19...	440	C30H48O2	066965-49-9	3
5	2-Cyclohexene-1-carboxylic acid,...	194	C12H18O2	062338-58-3	2





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

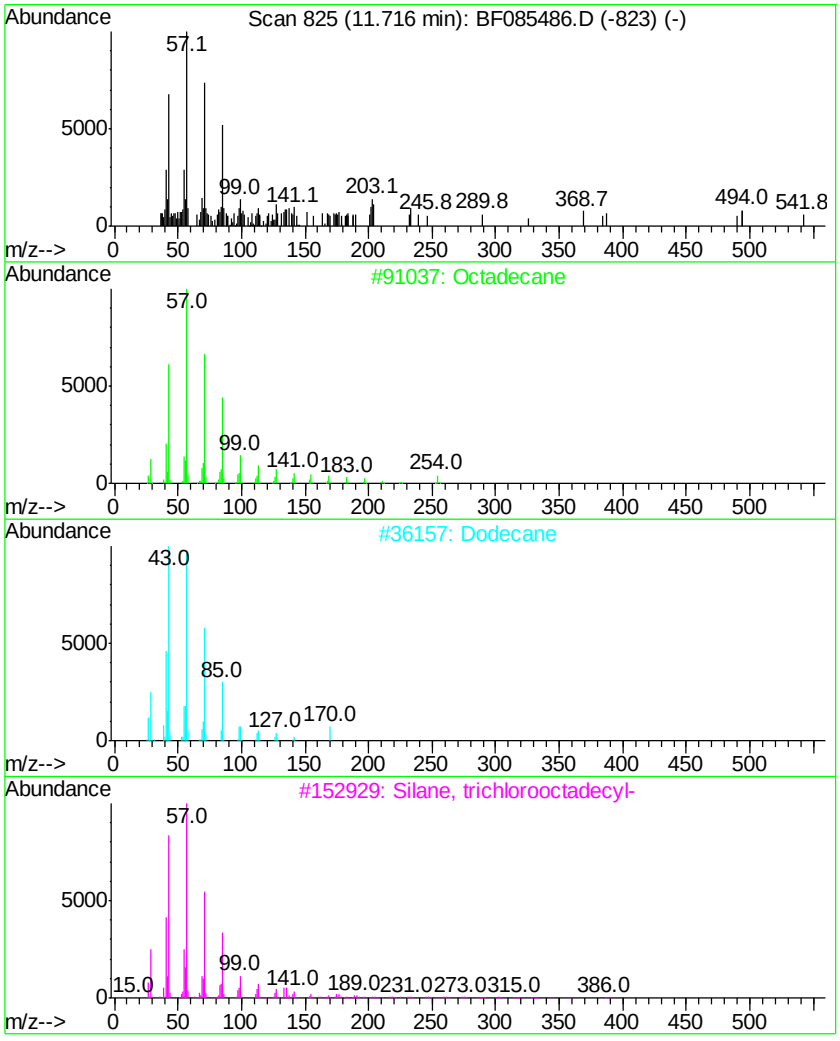
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

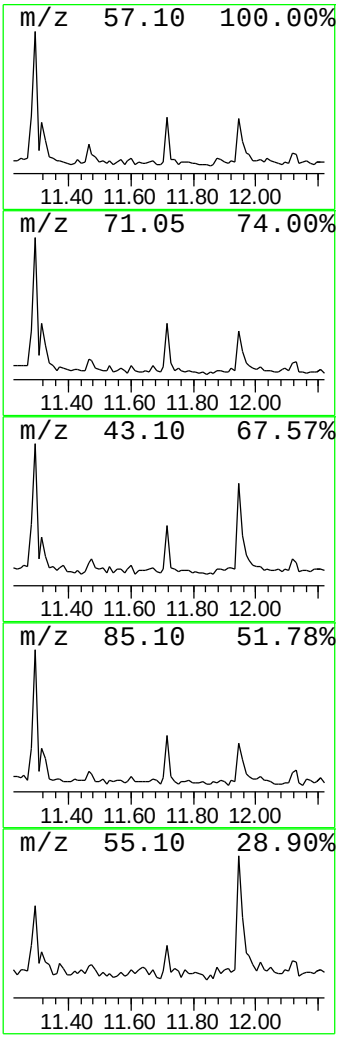
****

Peak Number 9 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.47 ng	122407	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	62
2	Dodecane	170	C12H26	000112-40-3	60
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
4	Tridecane	184	C13H28	000629-50-5	58
5	Docosane	310	C22H46	000629-97-0	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

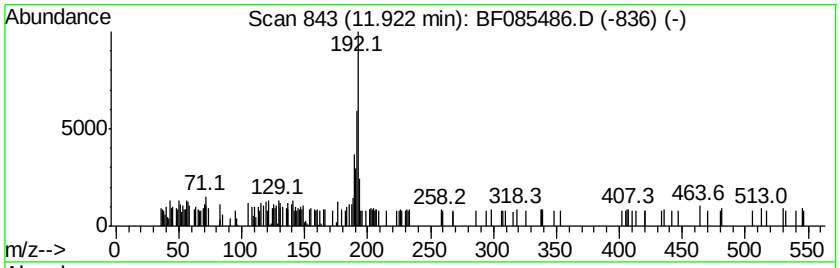
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

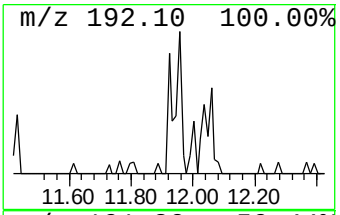
****

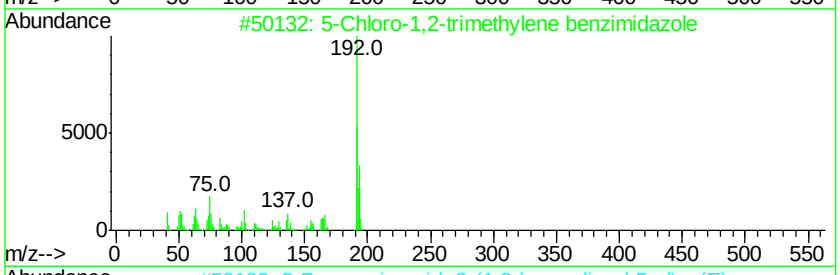
Peak Number 10 unknown11.92 Concentration Rank 5

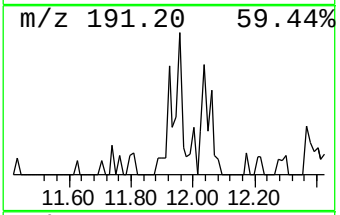
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.41 ng	218353	Phenanthrene-d10	11.42

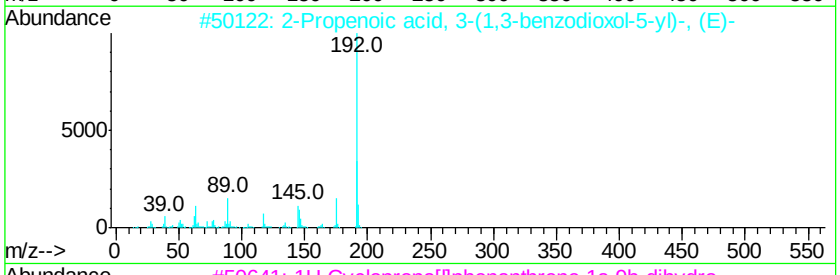
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloro-1,2-trimethylene benzim...	192	C10H9ClN2	010252-95-6	46
2	2-Propenoic acid, 3-(1,3-benzodi...	192	C10H8O4	038489-76-8	46
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	Pyrrolidine, N-(menth-3-en-3-yl)-	207	C14H25N	035413-21-9	46
5	1,5-Naphthalenedithiol	192	C10H8S2	005325-88-2	46

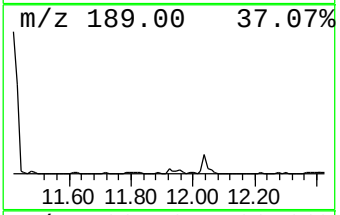


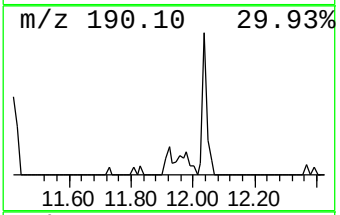


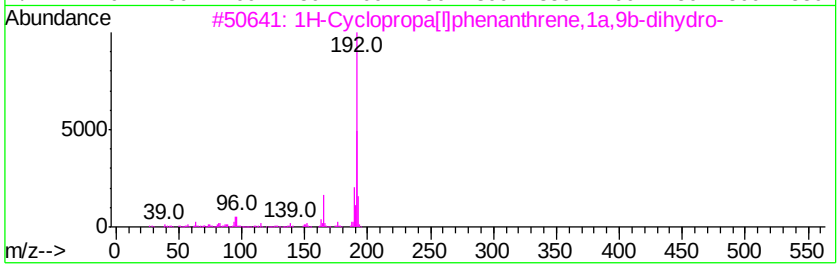


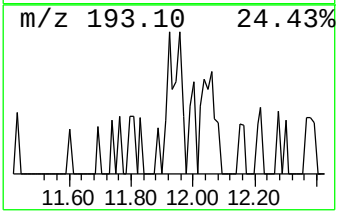












Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

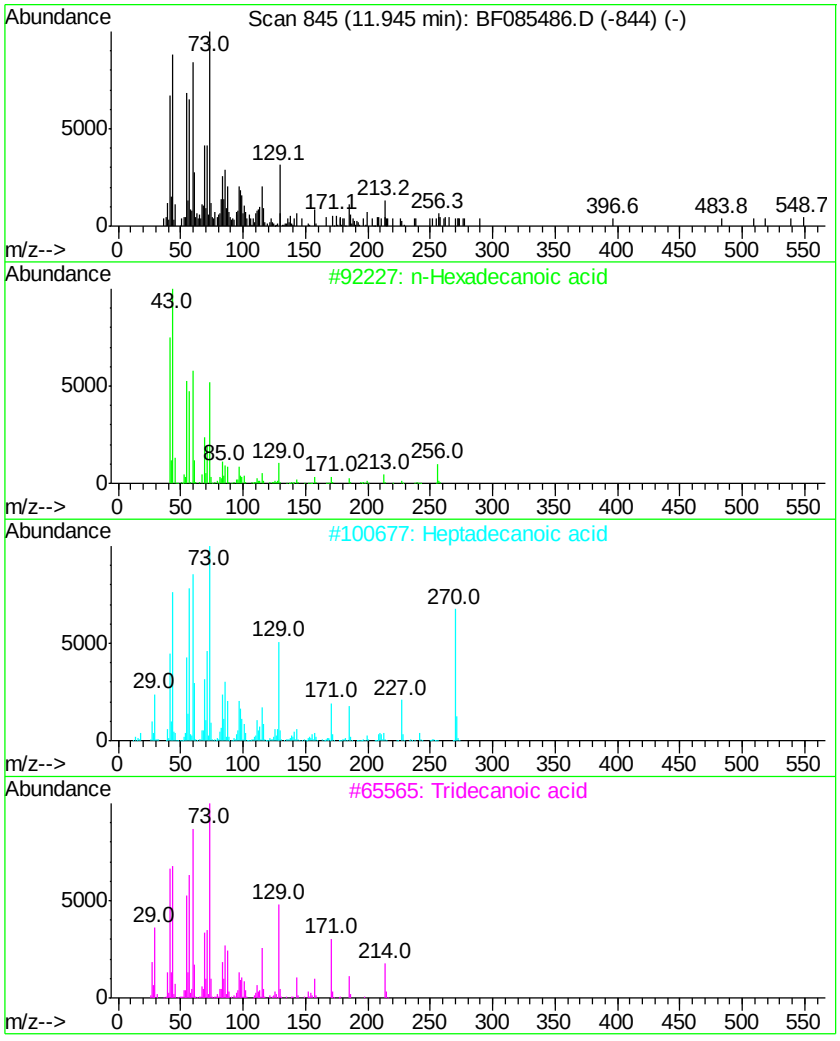
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

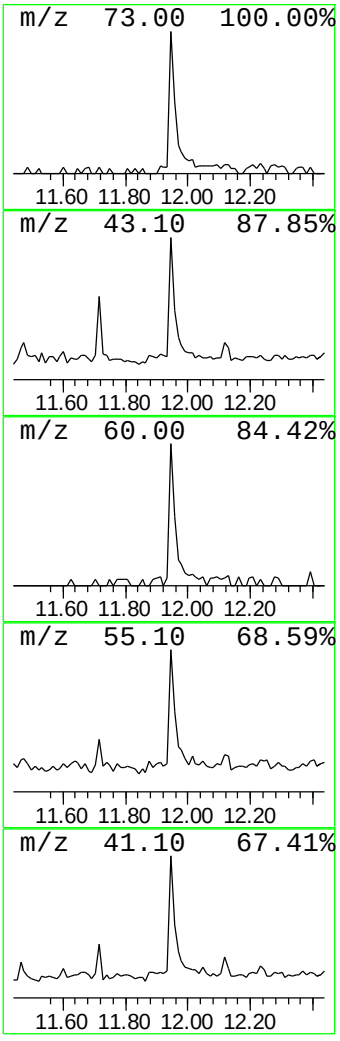
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.06 ng	250497	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

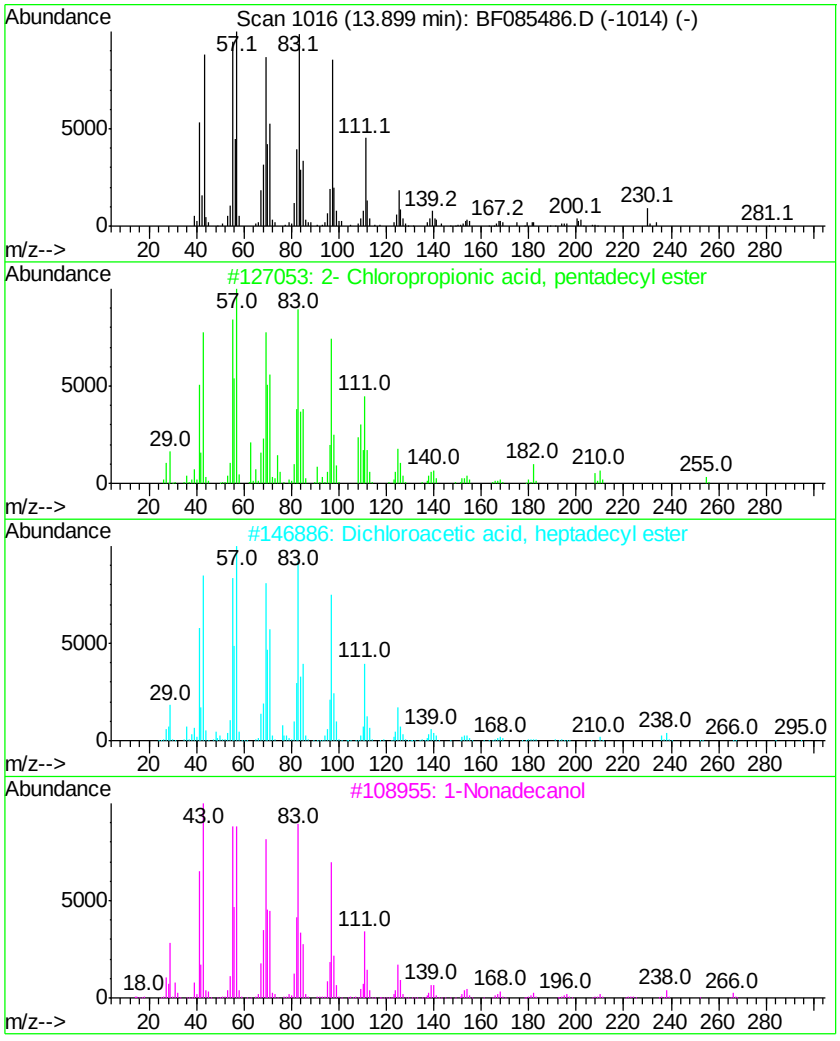
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

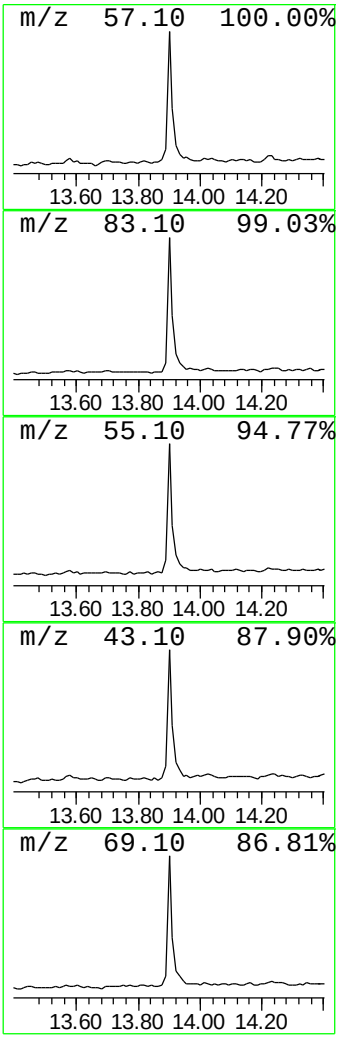
****

Peak Number 13 2- Chloropropionic acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	9.65 ng	319907	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	1-Nonadecanol	284	C19H40O	001454-84-8	93
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

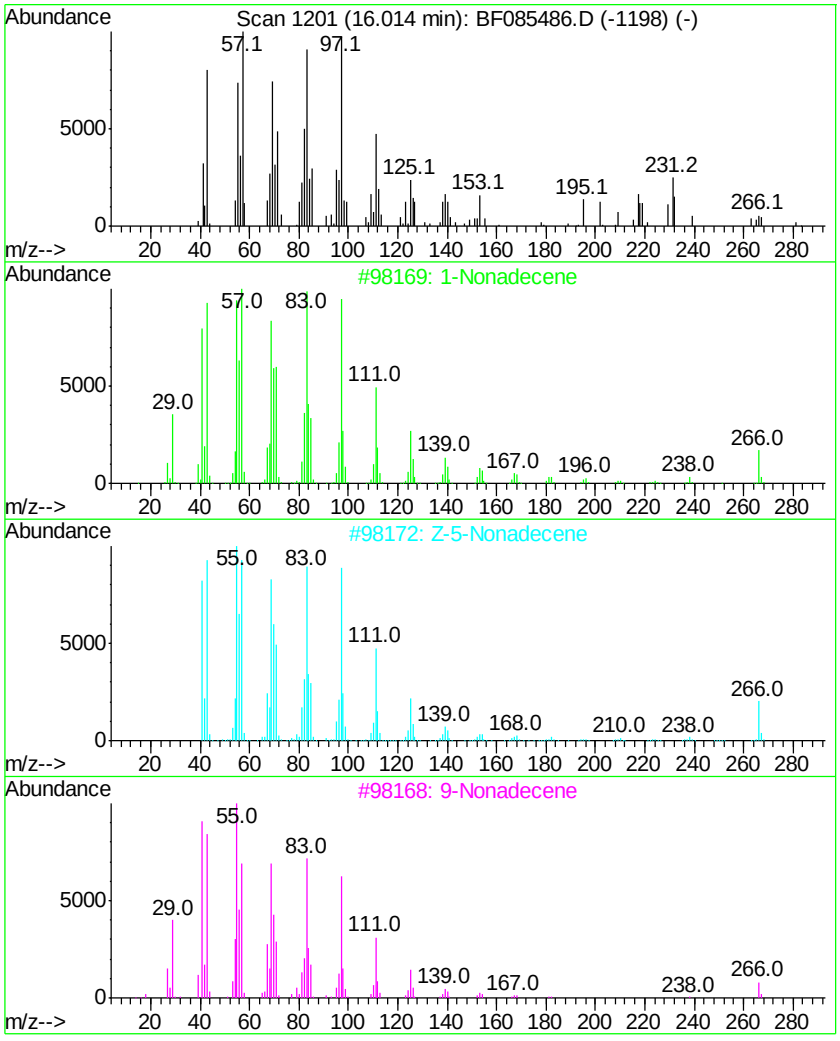
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

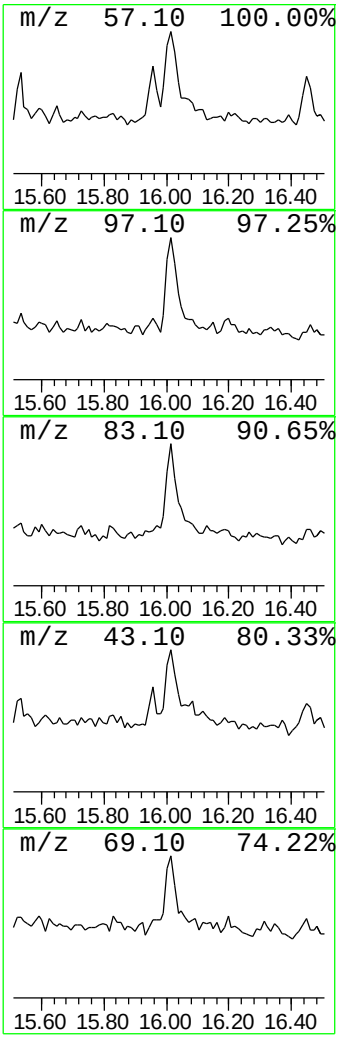
****

Peak Number 14 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.23 ng	76382	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	83
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	83
3	9-Nonadecene	266	C19H38	031035-07-1	60
4	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	56
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.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...	5.10	2.1	ng	69150	1	6.90	662355	20.0
Eicosane	9.88	2.2	ng	101540	3	9.94	920739	20.0
Hexadecane	10.37	3.2	ng	148629	3	9.94	920739	20.0
Pentadecane	10.58	2.1	ng	97028	3	9.94	920739	20.0
unknown11.60	11.60	2.3	ng	113603	4	11.42	989462	20.0
Octadecane	11.72	2.5	ng	122407	4	11.42	989462	20.0
unknown11.92	11.92	4.4	ng	218353	4	11.42	989462	20.0
n-Hexadecanoic acid	11.94	5.1	ng	250497	4	11.42	989462	20.0
2- Chloropropioni...	13.90	9.7	ng	319907	5	14.06	662720	20.0
1-Nonadecene	16.01	2.2	ng	76382	6	15.50	684069	20.0