LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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	4.411	250	259	281	rVB	16588222	28095914	100.00%	50.369%
2	5.252	396	402	421	rBV	1170463	1808508	6.44%	3.242%
3	6.834	659	671	689	rBV	1012386	1772232	6.31%	3.177%
4	7.640	801	808	817	rVB	485008	764741	2.72%	1.371%
5	8.787	996	1003	1012	rBV	712177	1226327	4.36%	2.198%
6	10.416	1270	1280	1293	rVB	547085	1081841	3.85%	1.939%
7	12.899	1696	1702	1711	rBV	1980051	3070120	10.93%	5.504%
8	13.128	1735	1741	1749	rVB2	178917	339890	1.21%	0.609%
9	14.210	1920	1925	1929	rBV	327530	430173	1.53%	0.771%
10	14.281	1933	1937	1950	rVB	800714	1364456	4.86%	2.446%
11	15.163	2083	2087	2094	rBV	401547	513202	1.83%	0.920%
12	15.781	2187	2192	2199	rBV	1380896	2000506	7.12%	3.586%
13	16.028	2230	2234	2237	rBV	480850	702178	2.50%	1.259%
14	16.057	2237	2239	2250	rVB	373760	477227	1.70%	0.856%
15	16.828	2366	2370	2374	rBV	395331	502813	1.79%	0.901%
16	16.881	2375	2379	2388	rVB	367948	555743	1.98%	0.996%
17	17.040	2401	2406	2411	rBV	796745	1212974	4.32%	2.175%
18	17.563	2492	2495	2502	rVB	400664	515474	1.83%	0.924%
19	18.239	2607	2610	2614	rBV	351948	414515	1.48%	0.743%
20	18.857	2712	2715	2719	rVB	344385	368590	1.31%	0.661%
21	19.416	2807	2810	2814	rVB2	349313	373142	1.33%	0.669%
22	19.616	2839	2844	2848	rVB	3111278	3895535	13.87%	6.984%
23	20.863	3053	3056	3064	rVB2	428665	575738	2.05%	1.032%
24	21.133	3098	3102	3107	rBV	1345955	1693068	6.03%	3.035%
25	23.369	3477	3482	3490	rVB2	1032906	2025758	7.21%	3.632%

Sum of corrected areas: 55780665

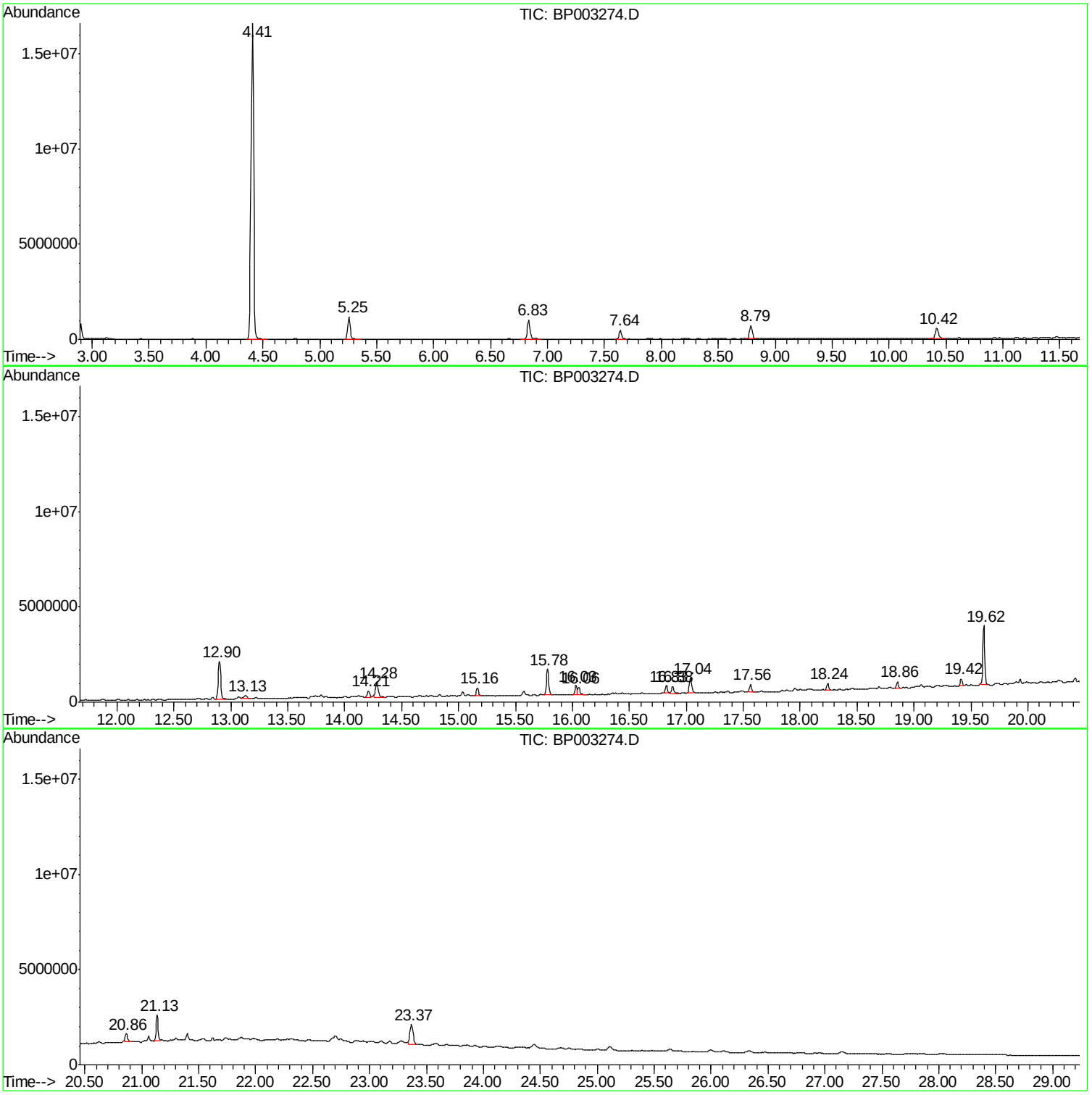
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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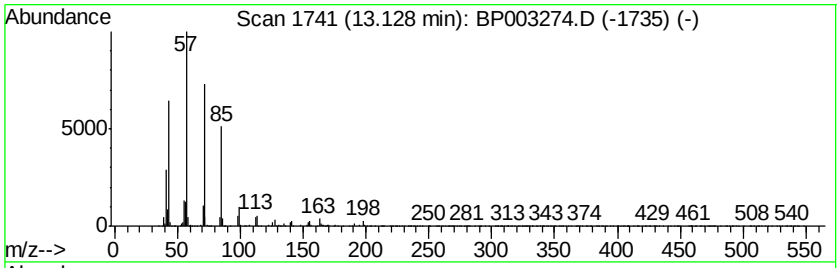
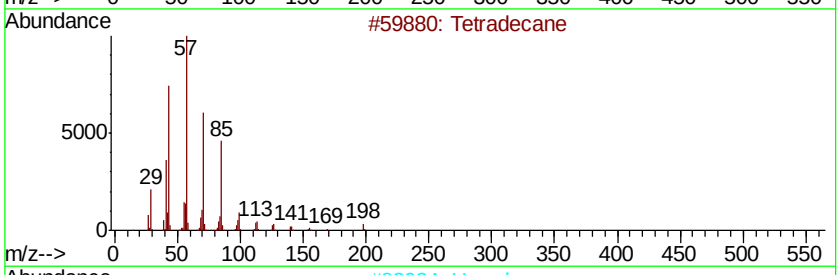
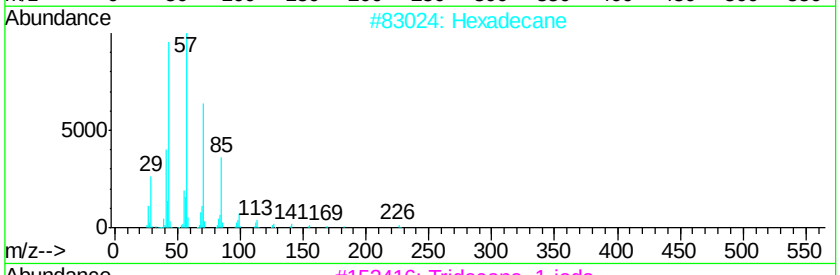
Peak Number 2 Tetradecane Concentration Rank 12

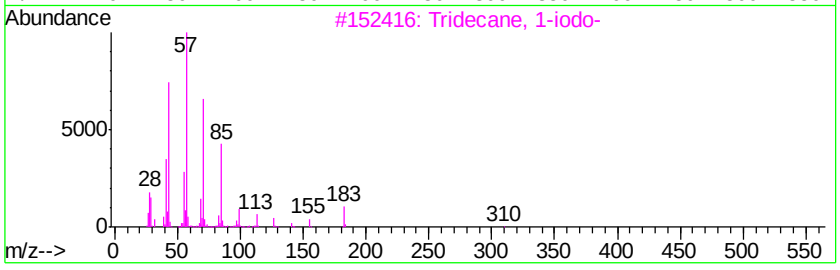
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.98 ng	339890	Acenaphthene-d10	14.28

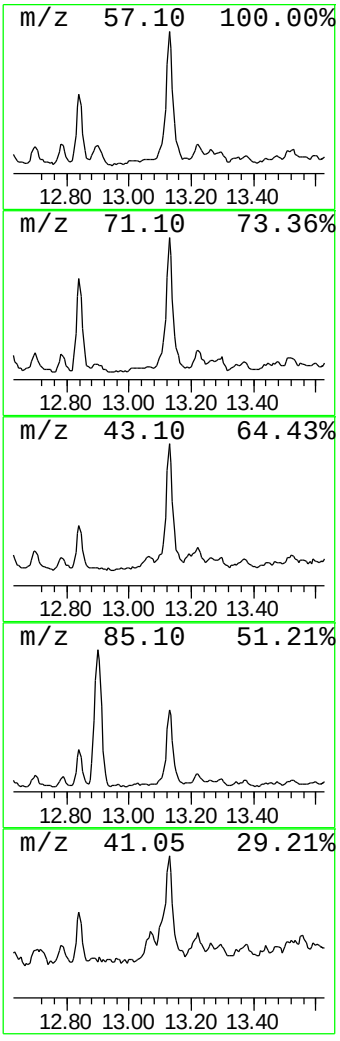
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
5	Hexatriacontane	507	C36H74	000630-06-8	74











Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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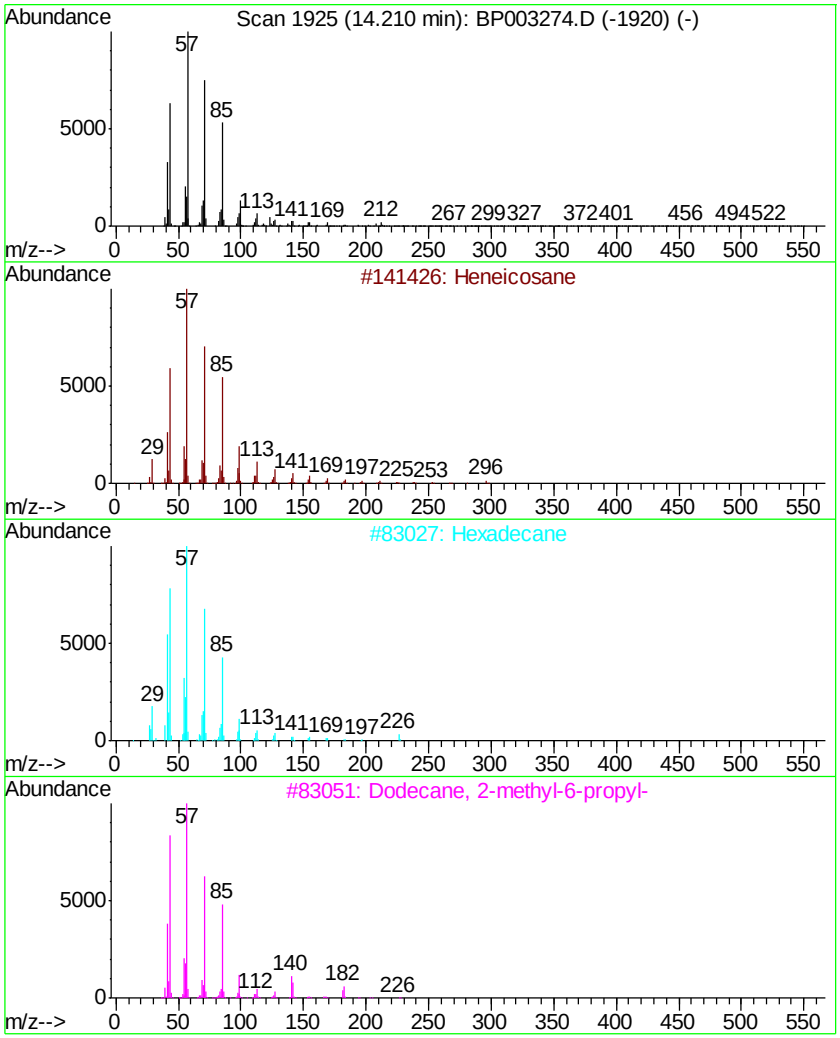
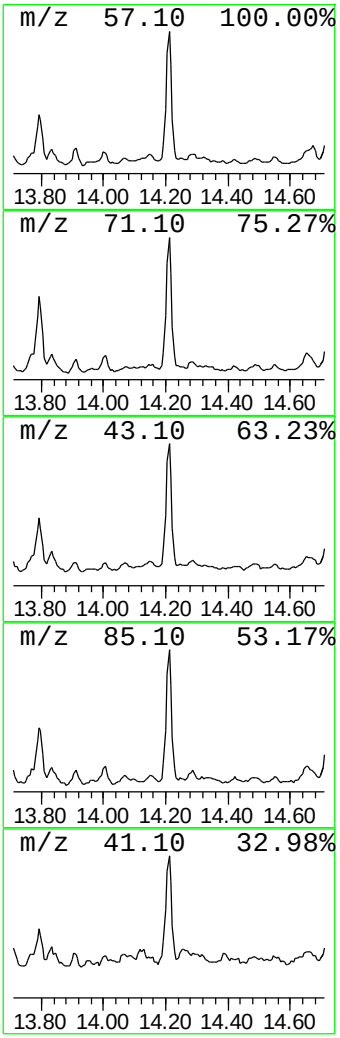
Peak Number 3 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.31 ng	430173	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexadecane	226	C16H34	000544-76-3	97
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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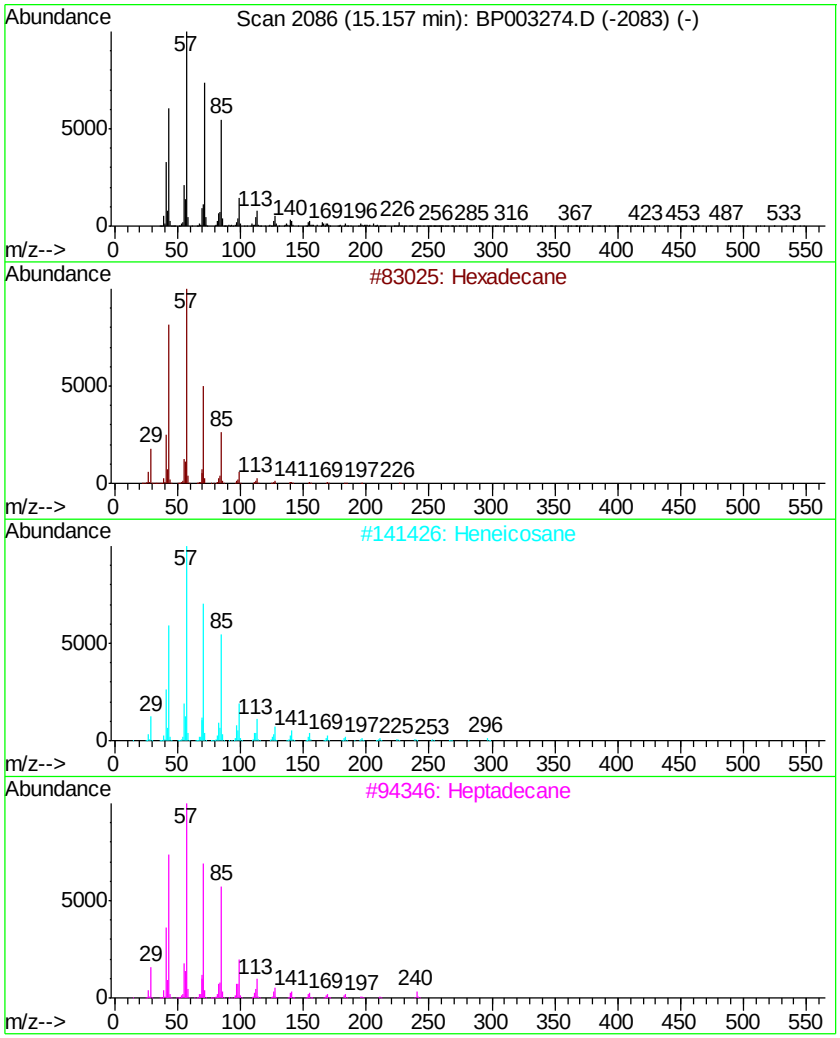
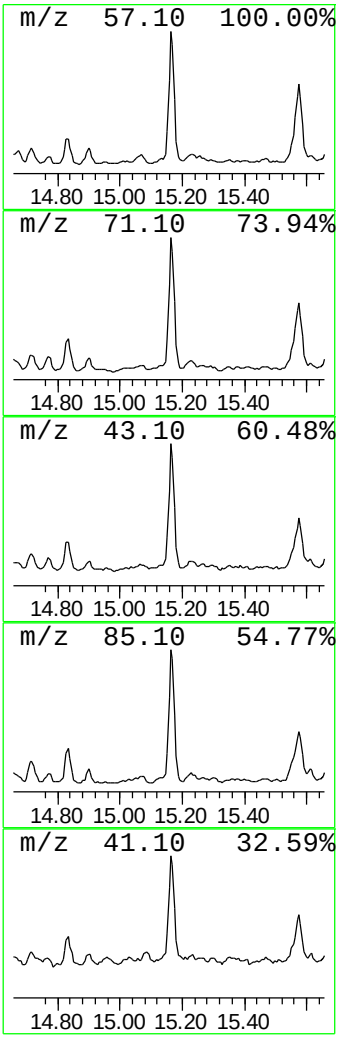
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.52 ng	513202	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Heneicosane	296	C21H44	000629-94-7	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Octadecane	254	C18H38	000593-45-3	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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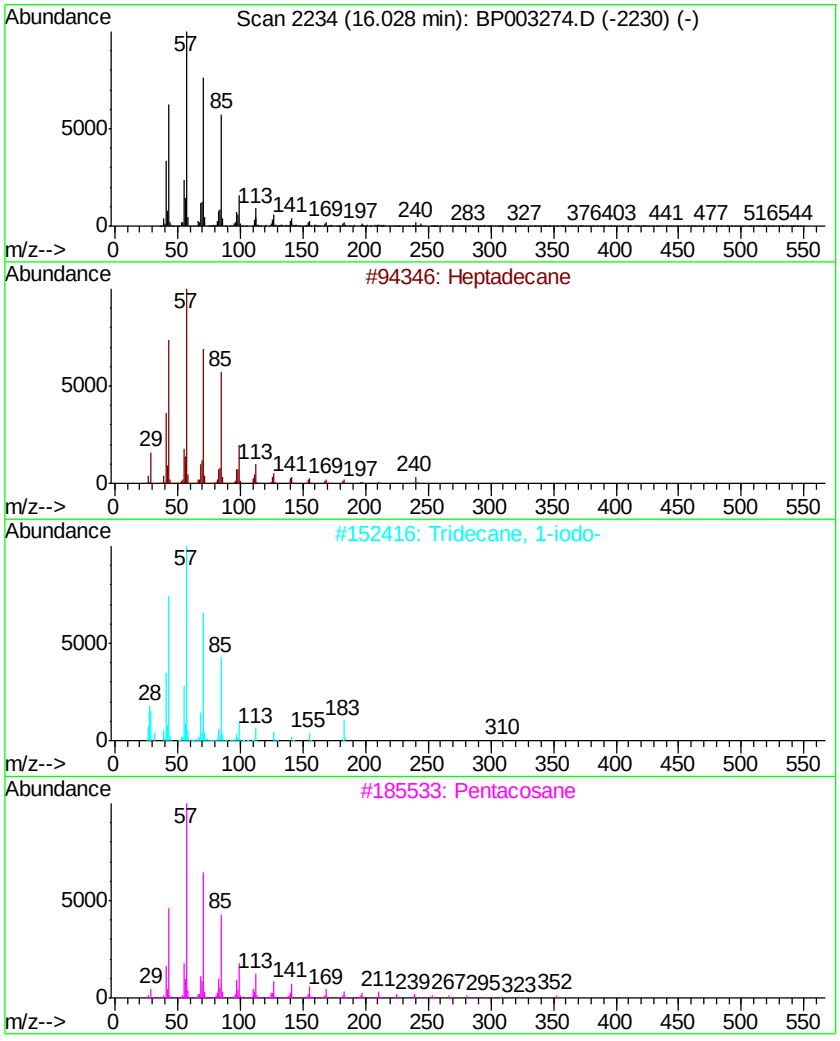
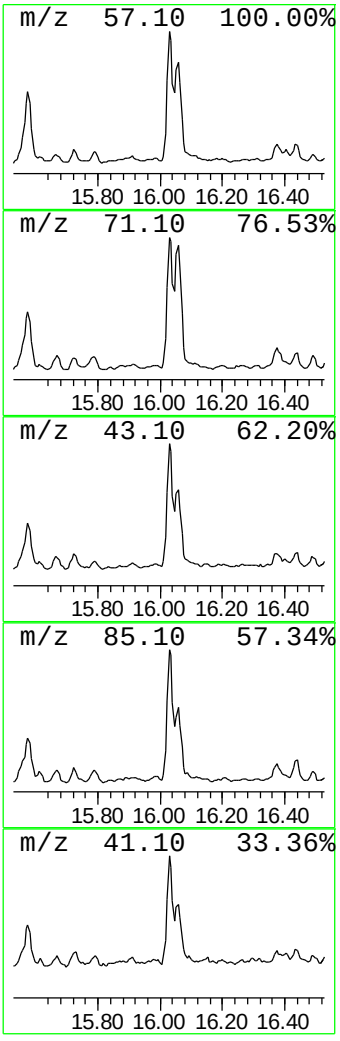
Peak Number 5 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	11.58 ng	702178	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
3	Pentacosane	352	C25H52	000629-99-2	93
4	Tetradecane	198	C14H30	000629-59-4	91
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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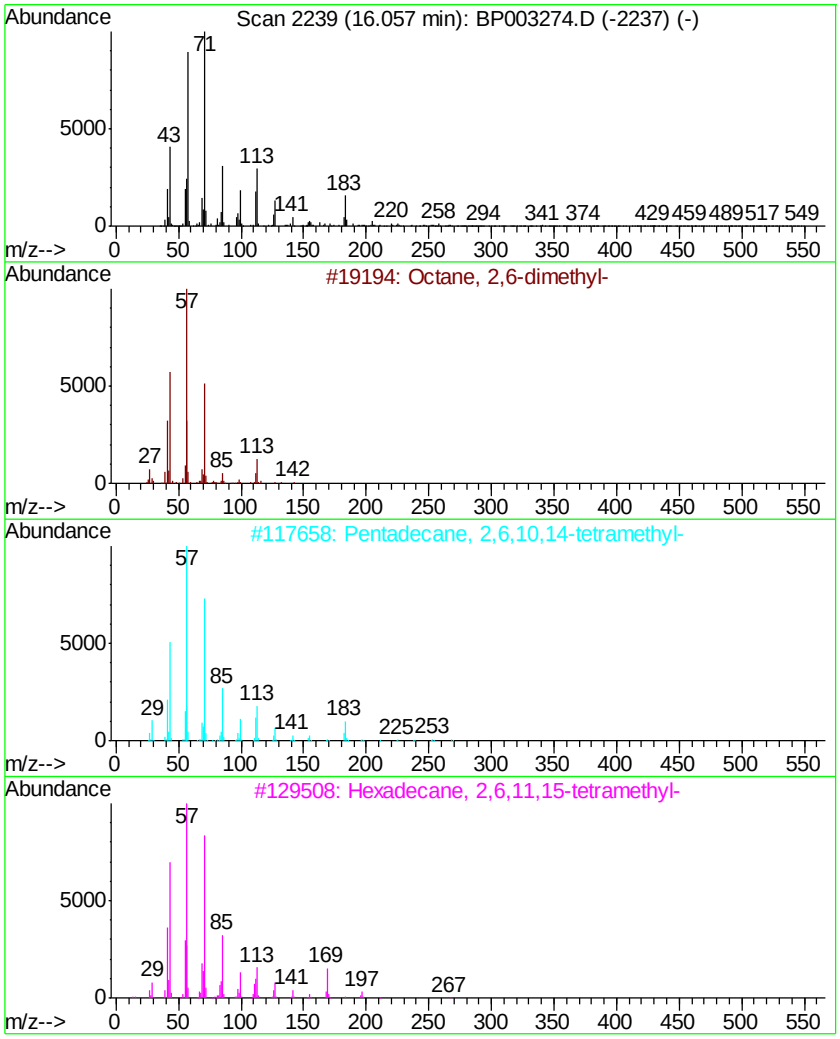
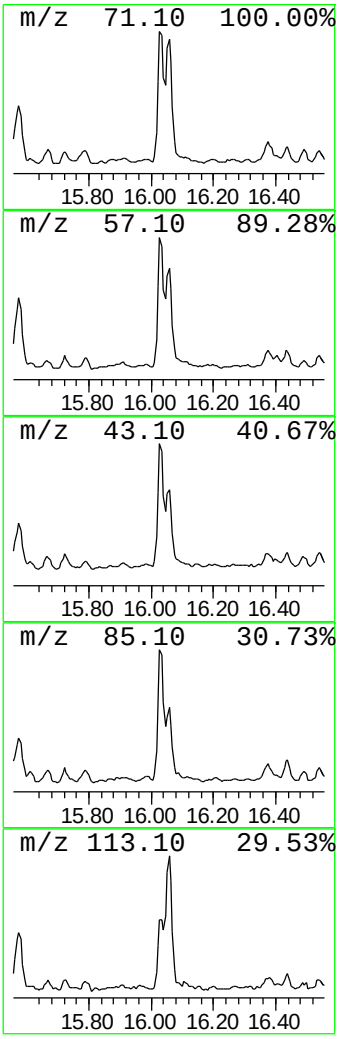
Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	7.87 ng	477227	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	49
5	5,5-Dibutylnonane	240	C17H36	006008-17-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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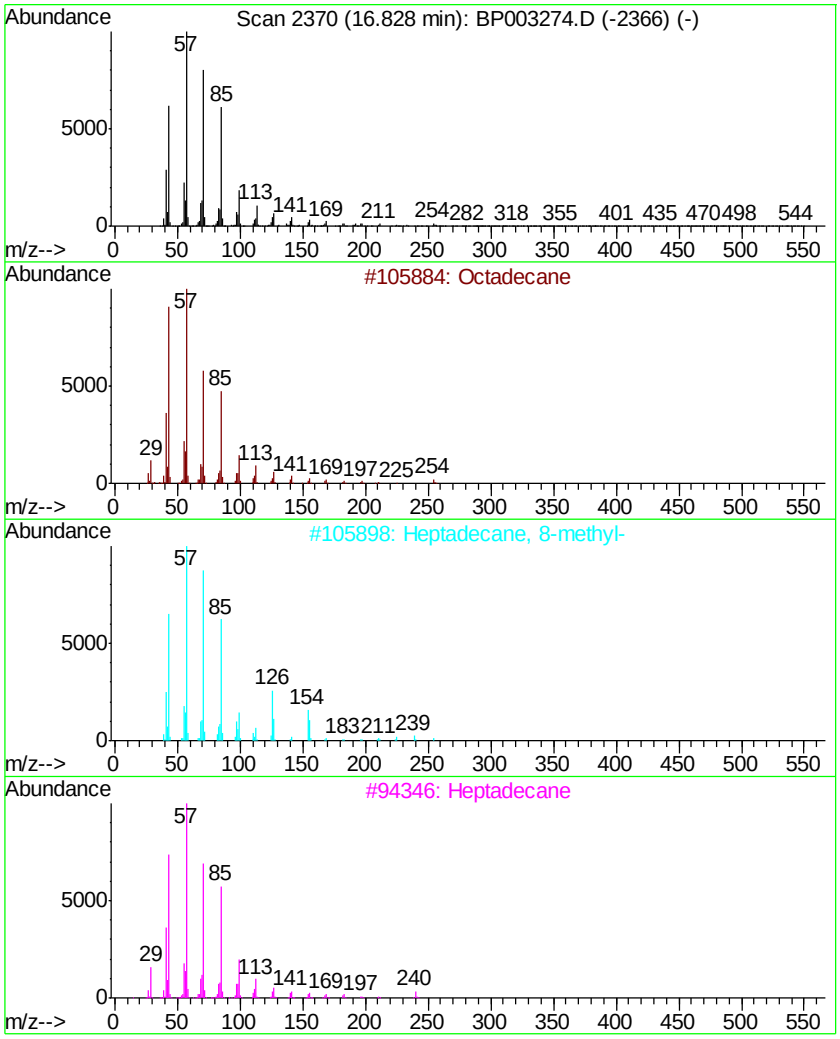
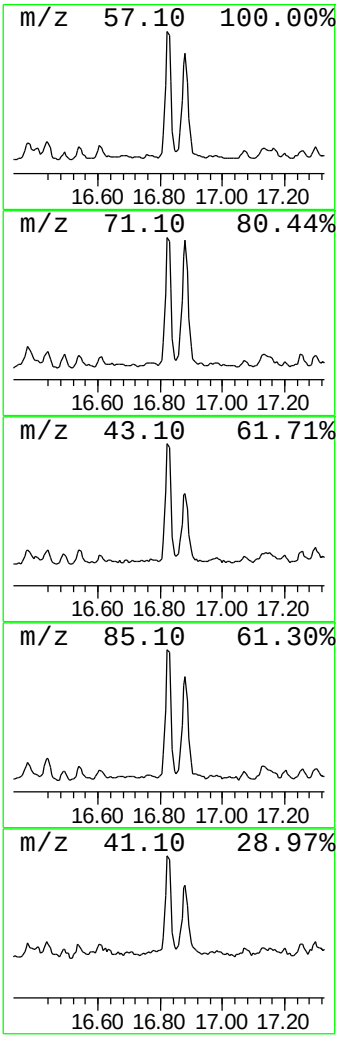
Peak Number 7 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	8.29 ng	502813	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexadecane	226	C16H34	000544-76-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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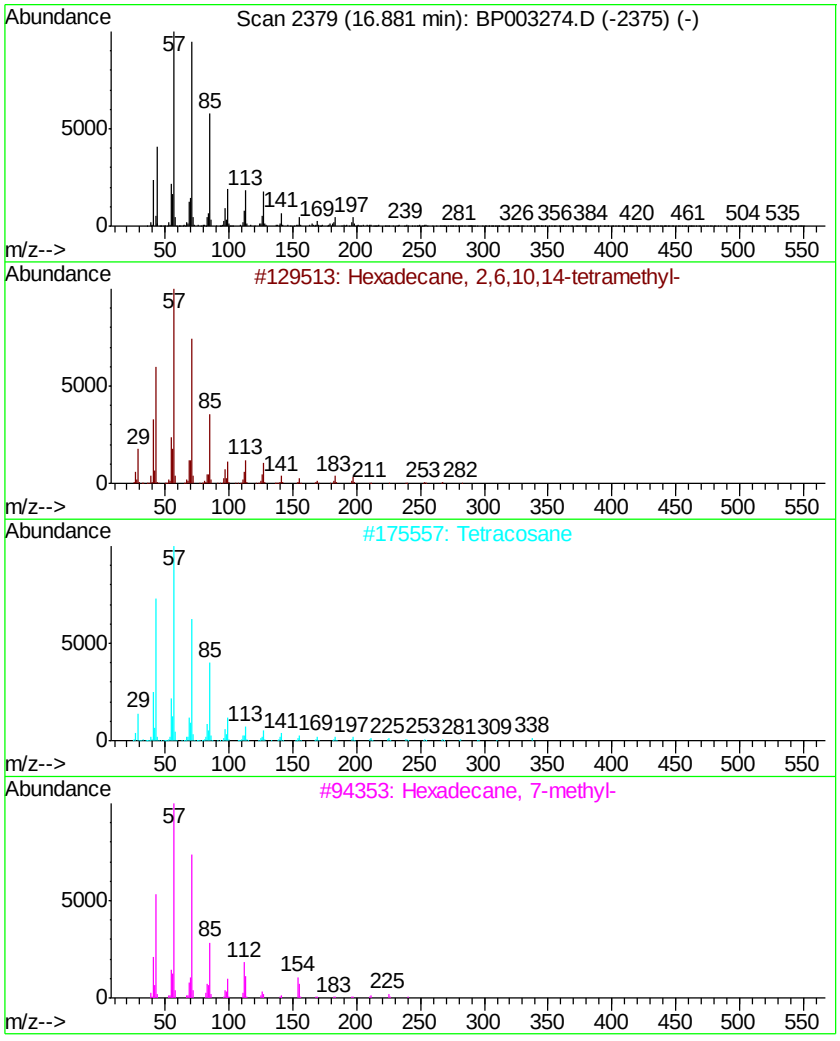
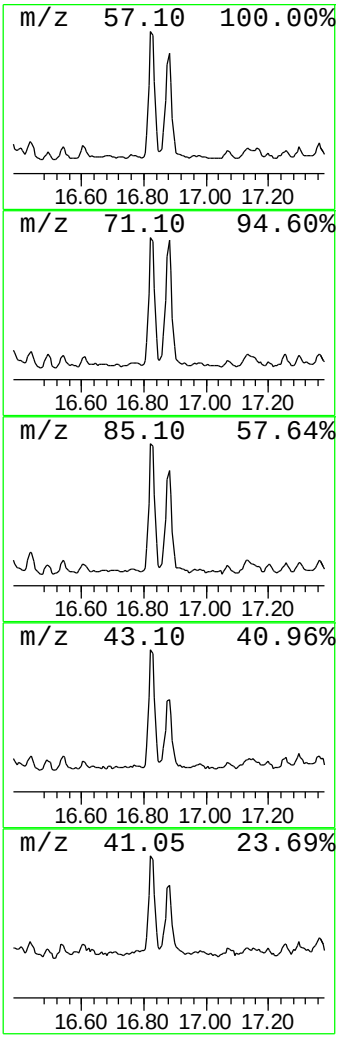
Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	9.16 ng	555743	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2	Tetracosane	338	C24H50	000646-31-1	94
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	90
4	Octadecane	254	C18H38	000593-45-3	90
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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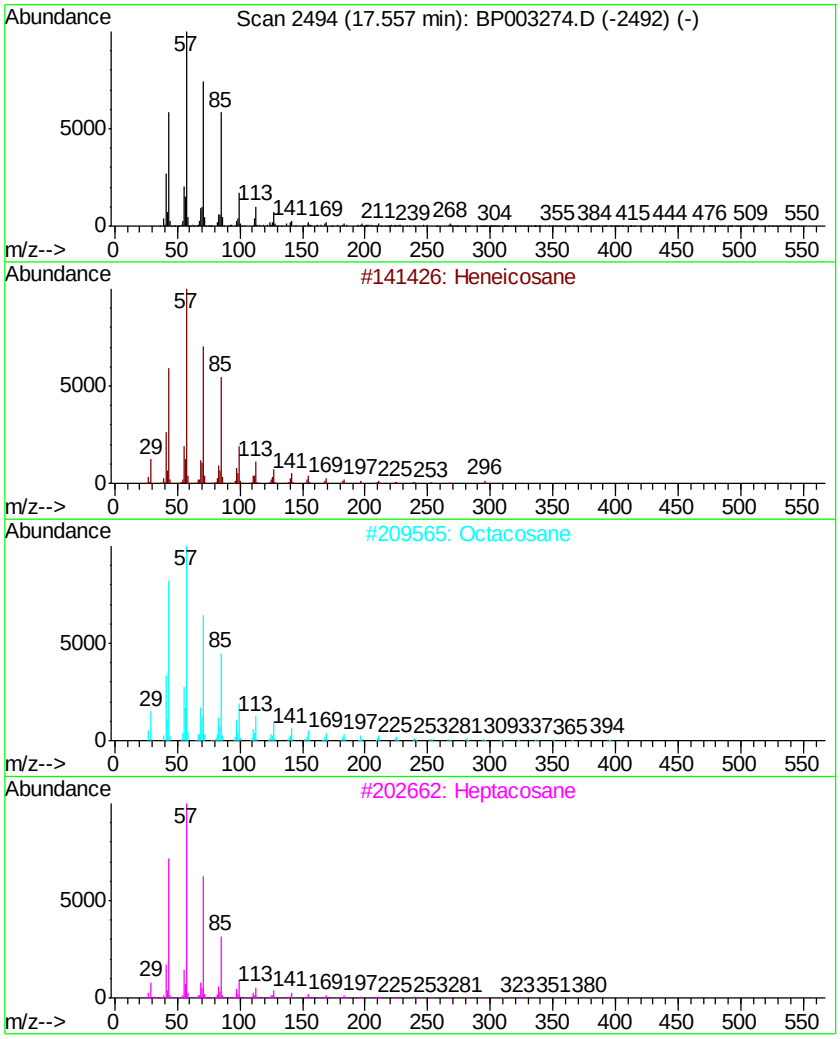
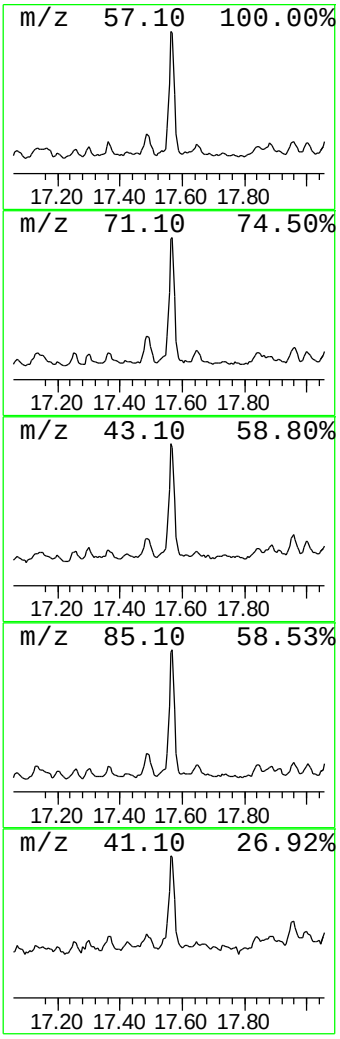
Peak Number 9 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	8.50 ng	515474	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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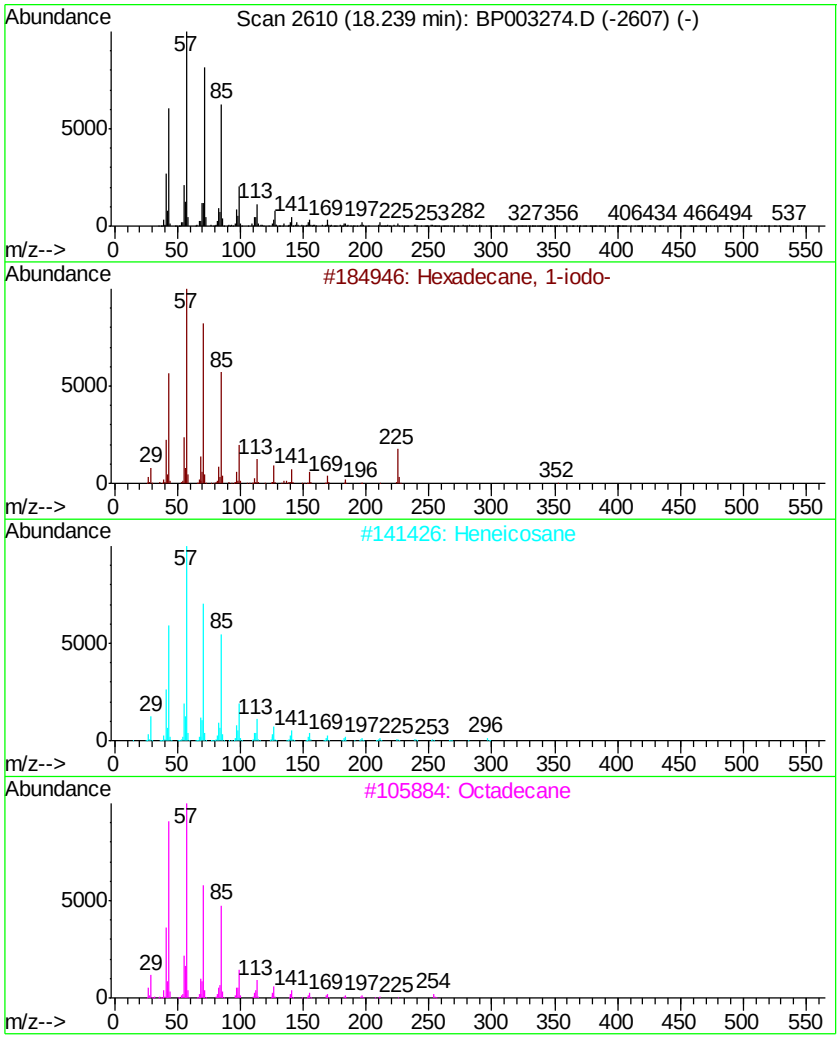
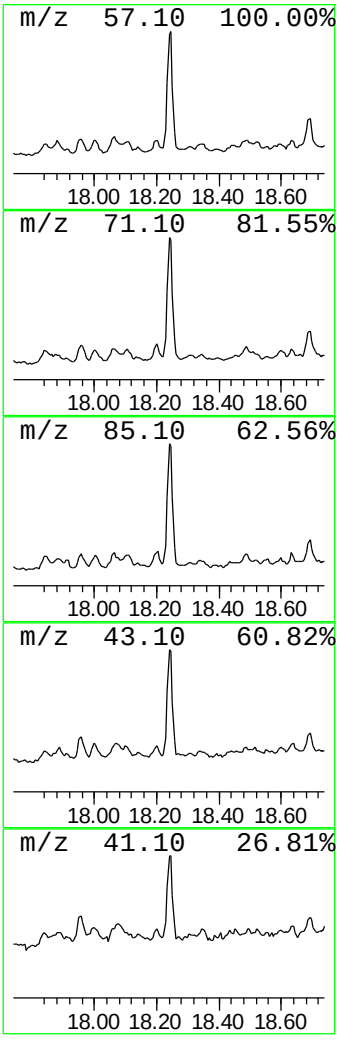
Peak Number 10 Hexadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	6.83 ng	414515	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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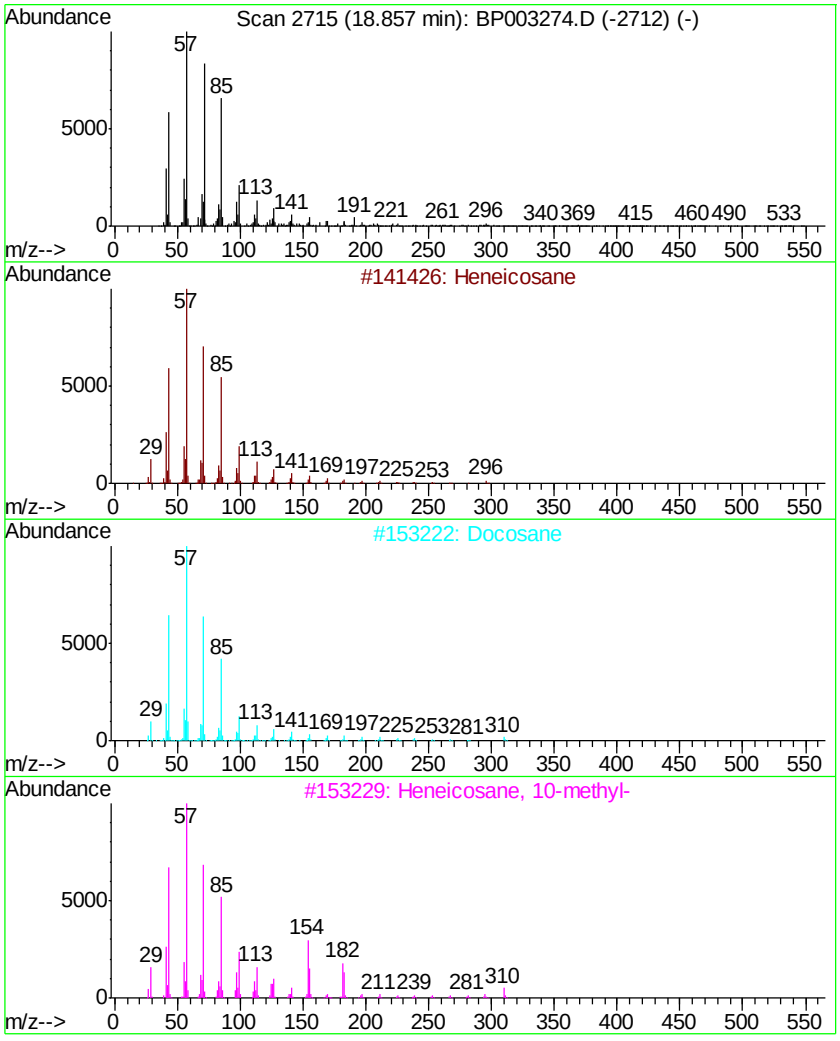
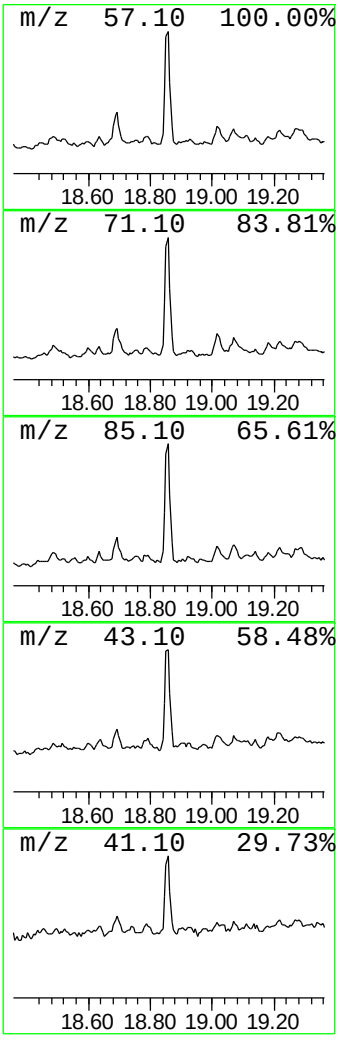
Peak Number 11 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	6.08 ng	368590	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Docosane	310	C22H46	000629-97-0	93
3	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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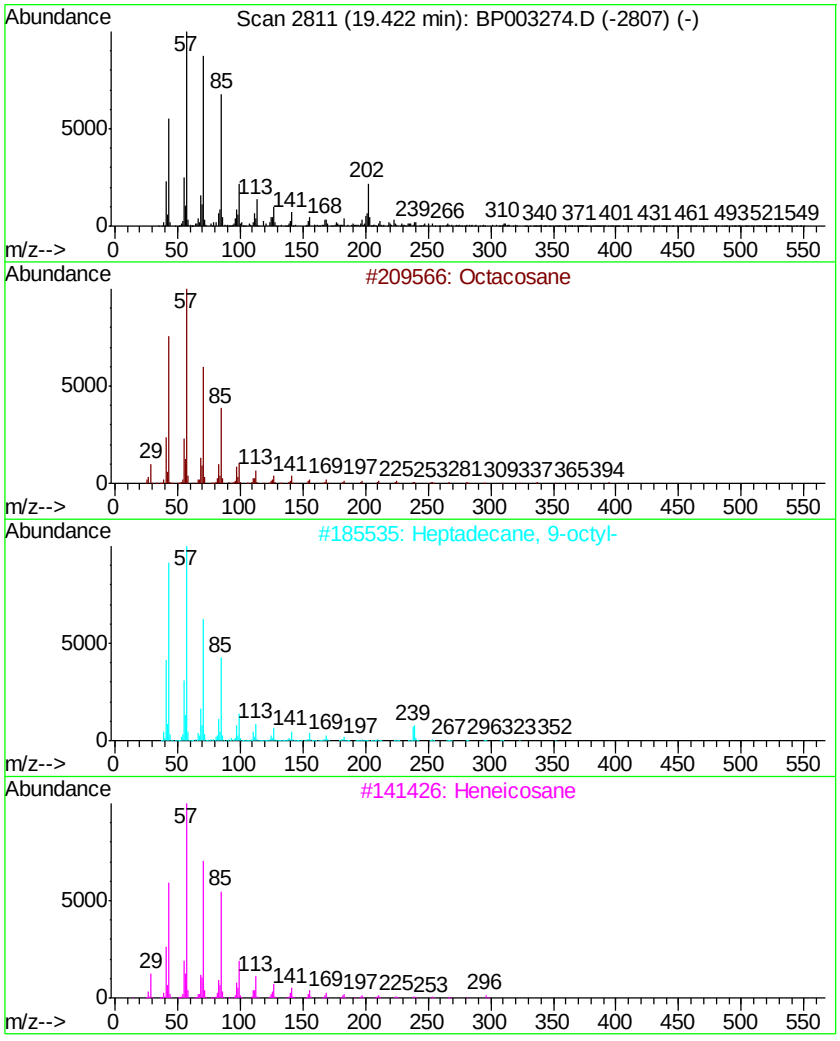
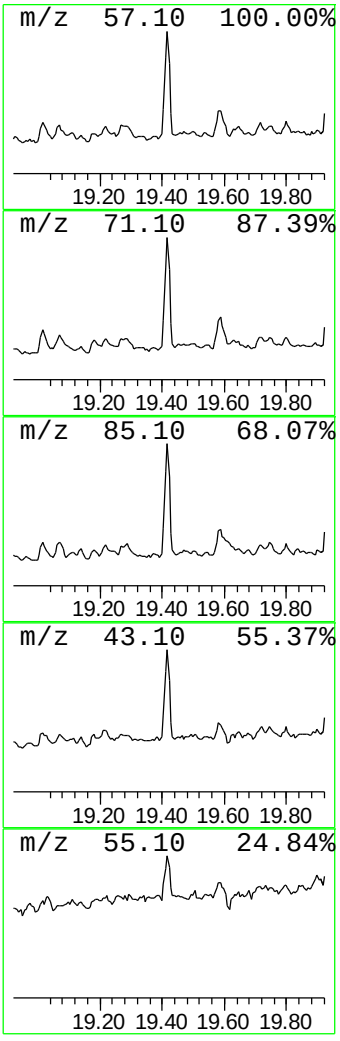
Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	4.41 ng	373142	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Heneicosane	296	C21H44	000629-94-7	70
4	Heptadecane	240	C17H36	000629-78-7	70
5	Tetracosane	338	C24H50	000646-31-1	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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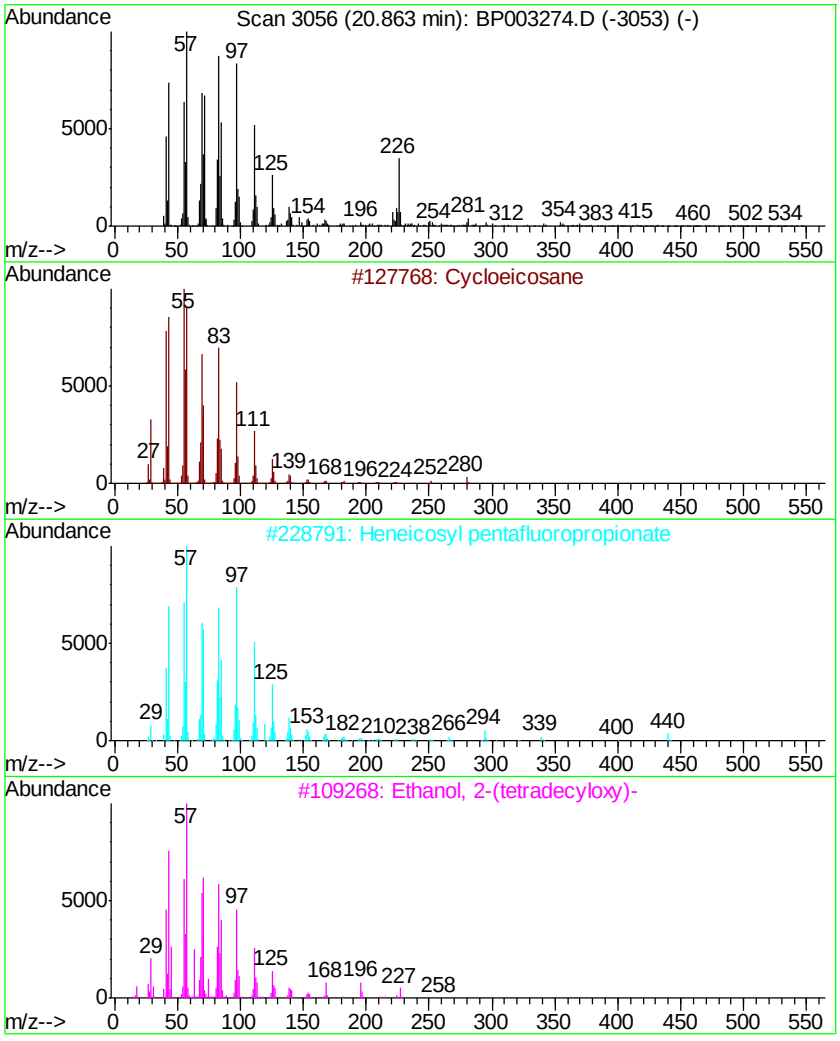
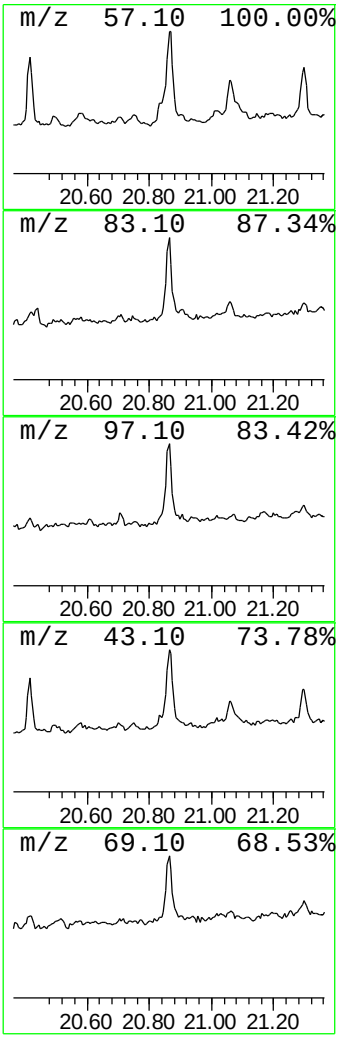
Peak Number 13 Cycloeicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.80 ng	575738	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	93
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091420\
Data File : BP003274.D
Acq On : 14 Sep 2020 18:23
Operator : CG/JU
Sample : L3981-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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
Tetradecane	13.13	5.0	ng	339890	3	14.28	1364460	20.0
Heneicosane	14.21	6.3	ng	430173	3	14.28	1364460	20.0
Hexadecane	15.16	7.5	ng	513202	3	14.28	1364460	20.0
Heptadecane	16.03	11.6	ng	702178	4	17.04	1212970	20.0
Octane, 2,6-dimet...	16.06	7.9	ng	477227	4	17.04	1212970	20.0
Octadecane	16.83	8.3	ng	502813	4	17.04	1212970	20.0
Hexadecane, 2,6,1...	16.88	9.2	ng	555743	4	17.04	1212970	20.0
Octacosane	17.56	8.5	ng	515474	4	17.04	1212970	20.0
Hexadecane, 1-iodo-	18.24	6.8	ng	414515	4	17.04	1212970	20.0
Docosane	18.86	6.1	ng	368590	4	17.04	1212970	20.0
Heptadecane, 9-oc...	19.42	4.4	ng	373142	5	21.13	1693070	20.0
Cycloeicosane	20.86	6.8	ng	575738	5	21.13	1693070	20.0