LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115453.D
Acq On : 10 Jul 2019 14:02
Operator : HP/JU
Sample : PB121133BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121133BL

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_F\METHODS\8270-BF070519.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	2.346	39	44	50	rVB	73313	101810	1.54%	0.188%
2	5.534	580	586	589	rBV	4477021	5159044	77.85%	9.549%
3	6.528	747	755	758	rBV	4313448	5400846	81.50%	9.996%
4	6.669	773	779	782	rBV	4737748	5453436	82.30%	10.093%
5	6.892	813	817	821	rBV	1657035	1363060	20.57%	2.523%
6	7.051	839	844	848	rBV	4216439	4437935	66.97%	8.214%
7	7.457	906	913	916	rBV	3001489	3670739	55.39%	6.794%
8	8.175	1029	1035	1039	rBV	1887558	1755831	26.50%	3.250%
9	9.257	1211	1219	1222	rBV	5793153	6626584	100.00%	12.265%
10	9.933	1327	1334	1338	rBV	2254445	2085188	31.47%	3.859%
11	10.722	1461	1468	1471	rBV	3746287	4016162	60.61%	7.433%
12	11.416	1580	1586	1590	rBV	2373469	2128129	32.12%	3.939%
13	13.010	1851	1857	1860	rBV	5776795	6381535	96.30%	11.811%
14	14.057	2031	2035	2039	rBV	1790018	1606861	24.25%	2.974%
15	14.545	2111	2118	2125	rBV	156018	173523	2.62%	0.321%
16	14.857	2165	2171	2181	rBV	299558	331905	5.01%	0.614%
17	15.204	2223	2230	2243	rBV	378840	471677	7.12%	0.873%
18	15.551	2283	2289	2293	rBV	998665	1296773	19.57%	2.400%
19	15.598	2293	2297	2307	rVB	413195	556520	8.40%	1.030%
20	16.045	2365	2373	2384	rBV	305023	493785	7.45%	0.914%
21	16.562	2454	2461	2470	rBV	165962	315778	4.77%	0.584%
22	17.168	2558	2564	2574	rVB	63555	131184	1.98%	0.243%
23	17.892	2681	2687	2697	rVB3	28745	71524	1.08%	0.132%

Sum of corrected areas: 54029829

LSC Report - Integrated Chromatogram

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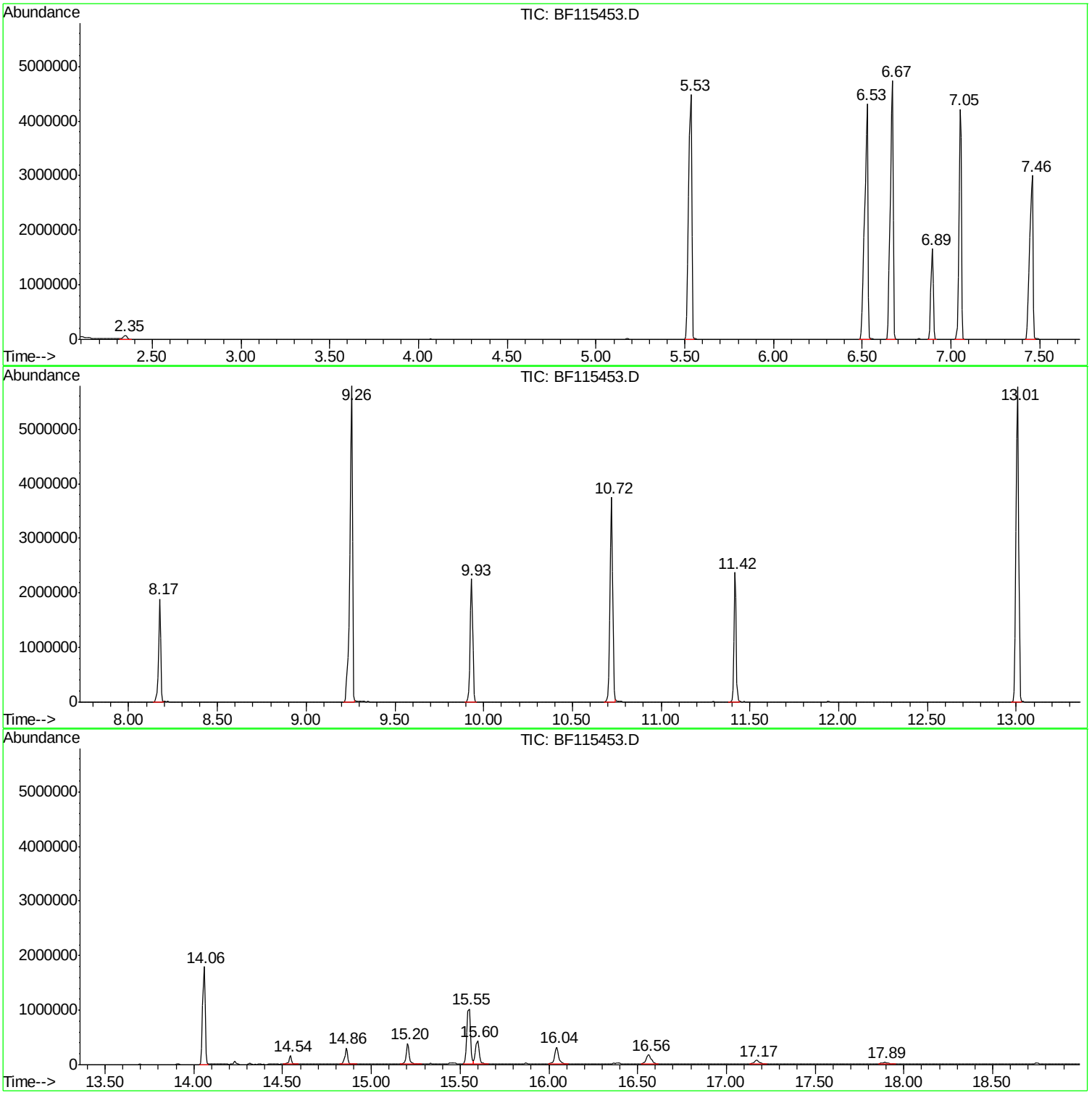
Sample : PB121133BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121133BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : PB121133BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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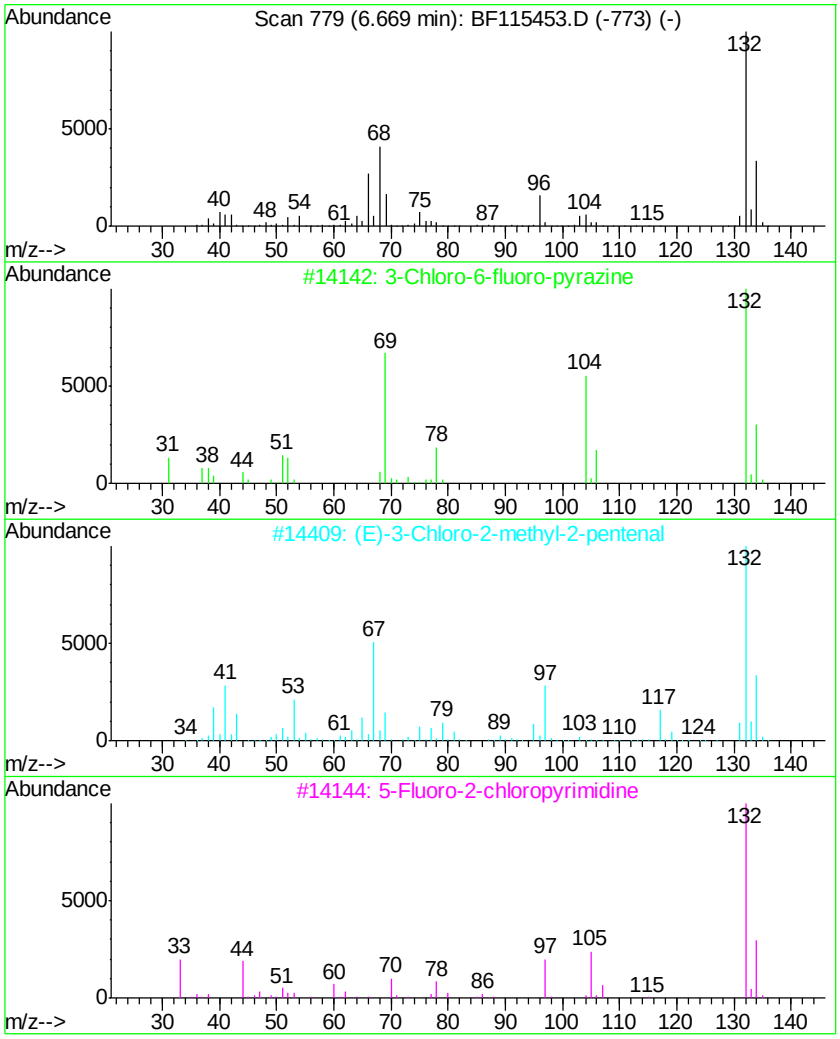
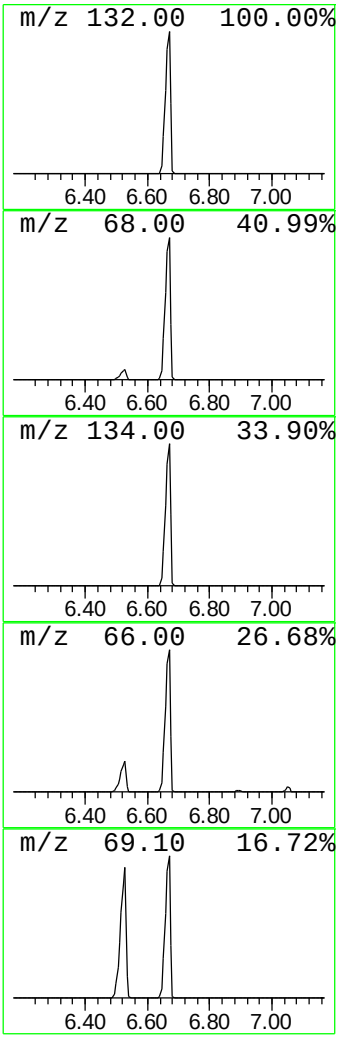
Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	80.02 ng	5453440	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

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Acq On : 10 Jul 2019 14:02
Operator : HP/JU
Sample : PB121133BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121133BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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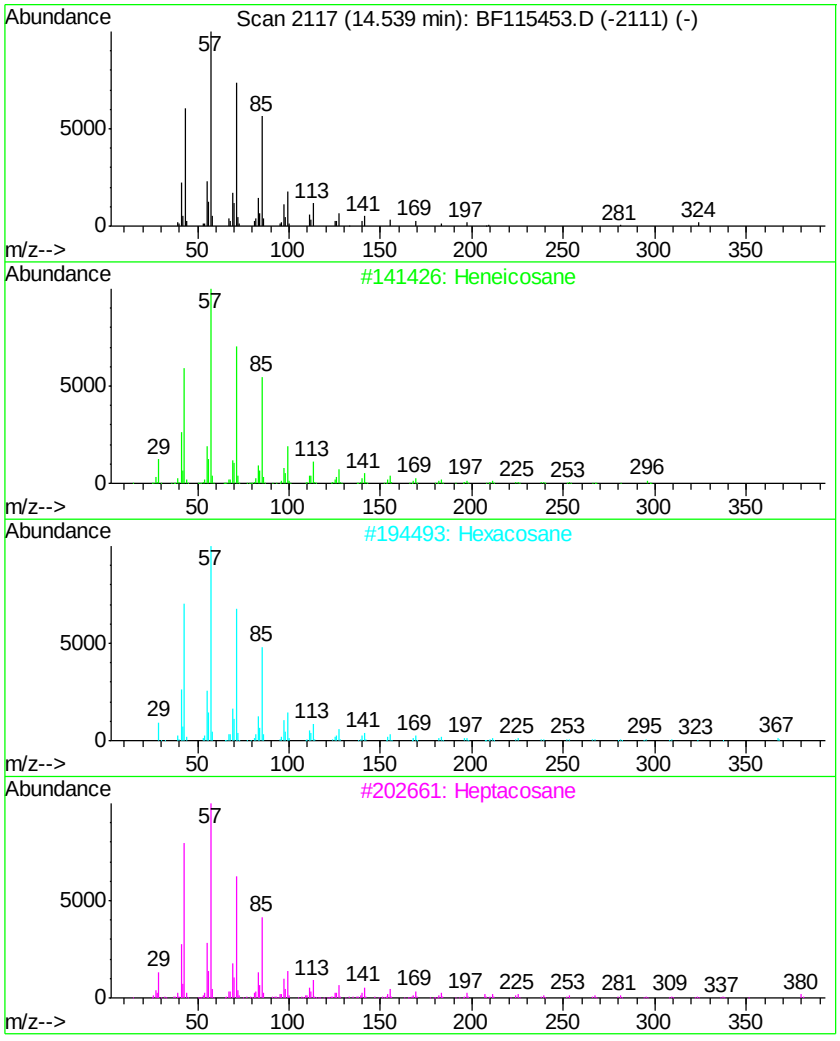
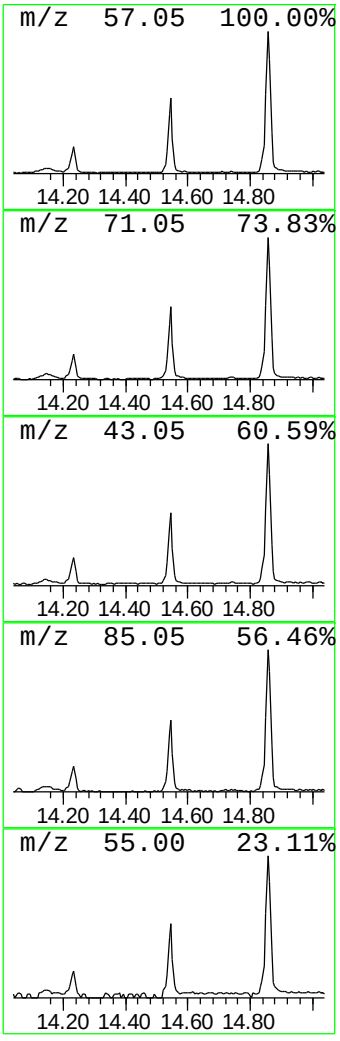
Peak Number 3 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.16 ng	173523	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115453.D
Acq On : 10 Jul 2019 14:02
Operator : HP/JU
Sample : PB121133BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121133BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
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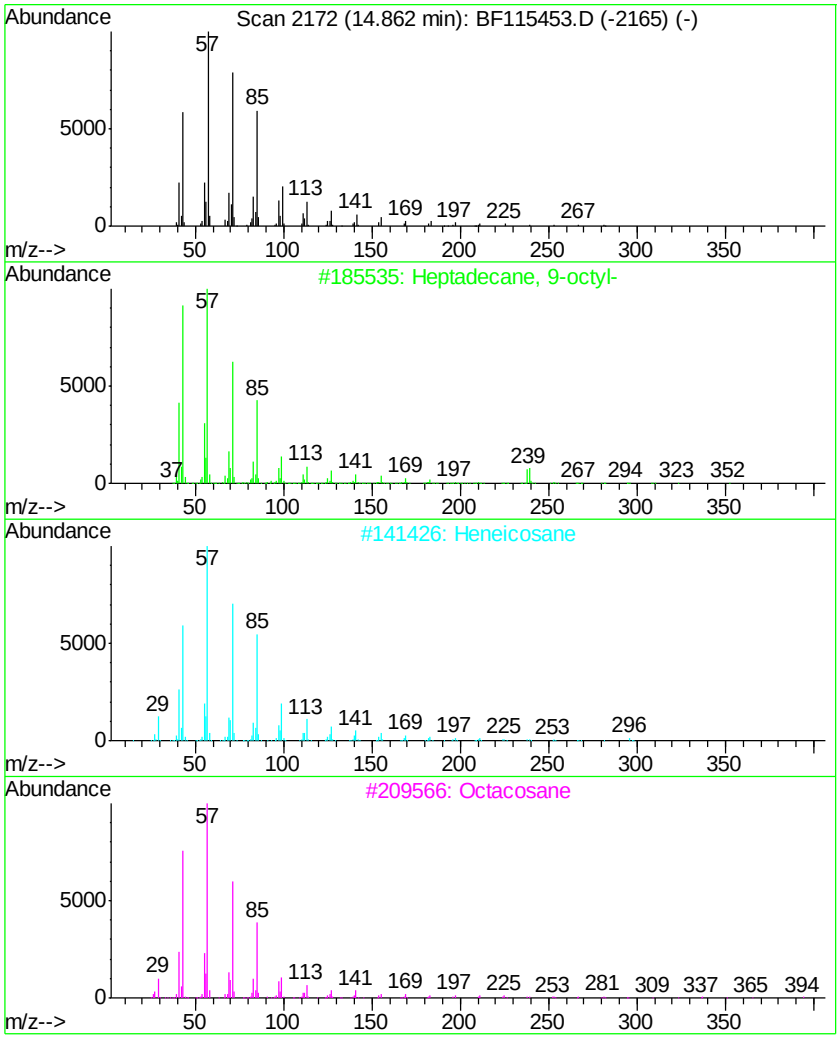
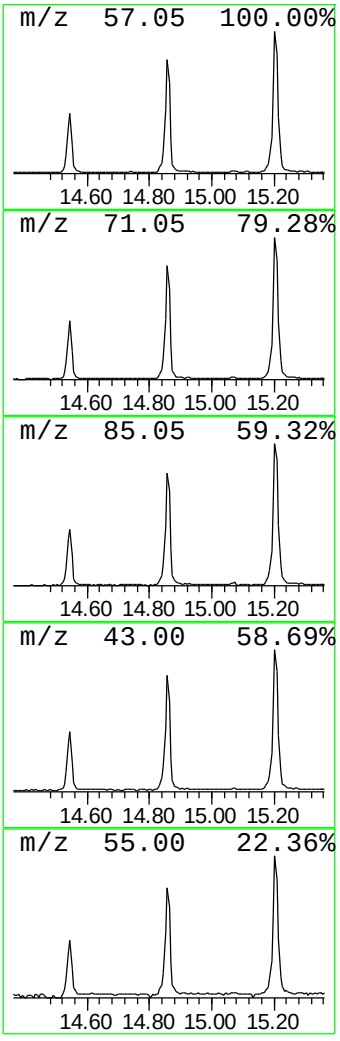
Peak Number 4 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.12 ng	331905	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Data File : BF115453.D
Acq On : 10 Jul 2019 14:02
Operator : HP/JU
Sample : PB121133BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121133BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
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TIC Library : C:\DATABASE\NIST11.L
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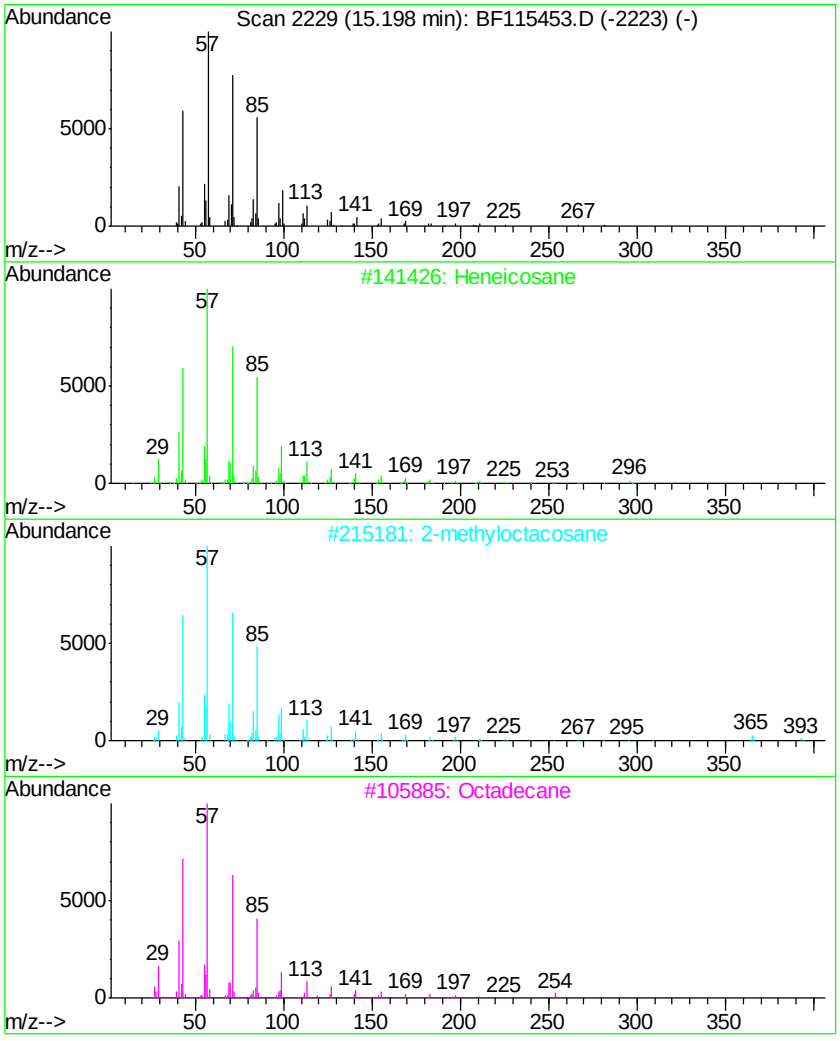
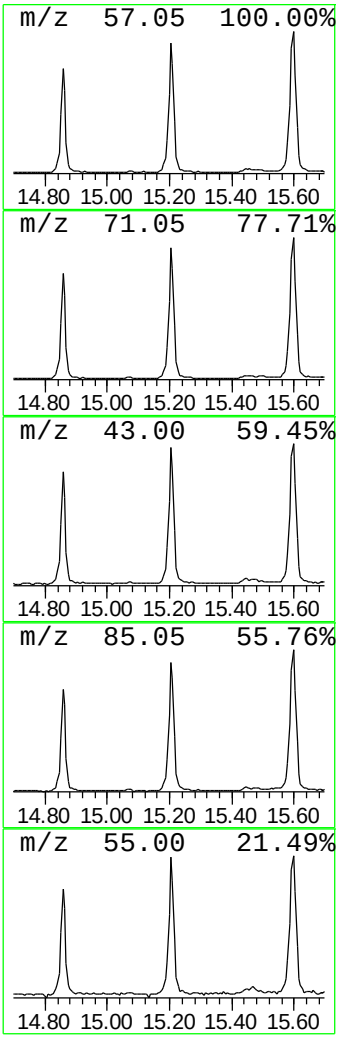
Peak Number 5 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	7.27 ng	471677	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Operator : HP/JU
Sample : PB121133BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121133BL

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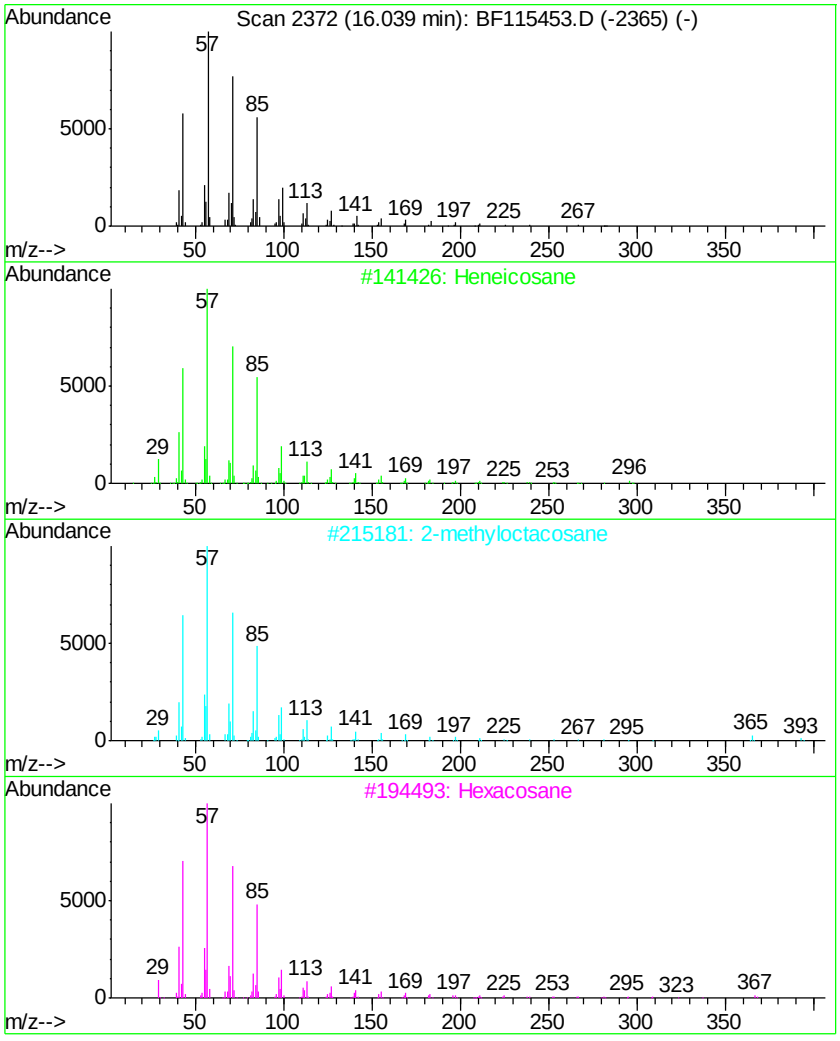
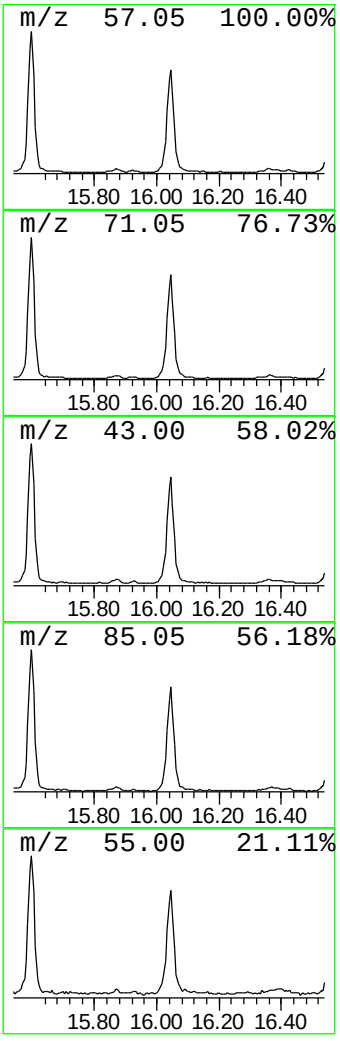
Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	7.62 ng	493785	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : PB121133BL

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

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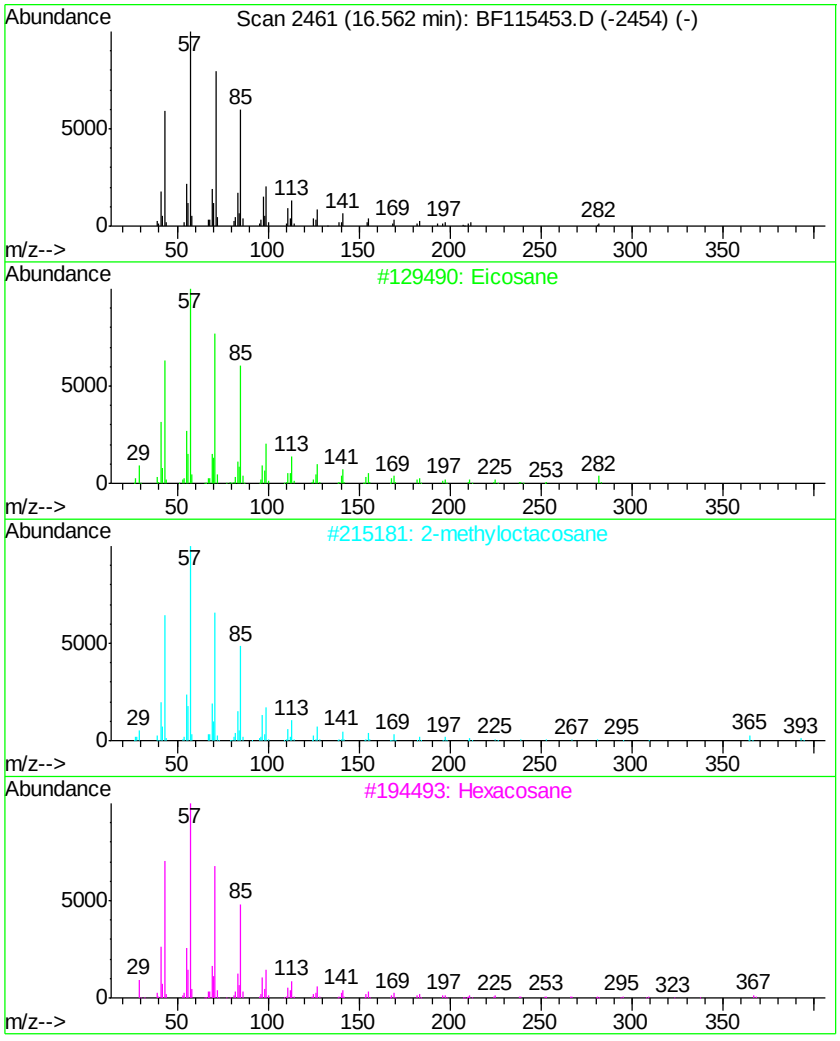
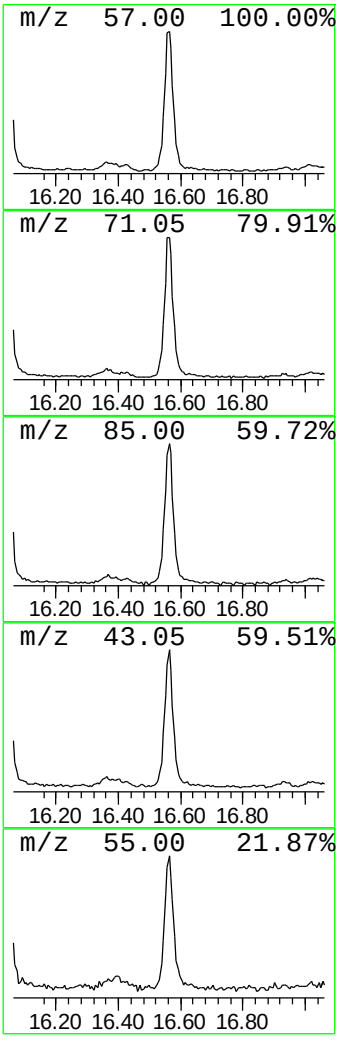
Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	4.87 ng	315778	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyltetracosane	352	C25H52	1000376-72-6	90





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

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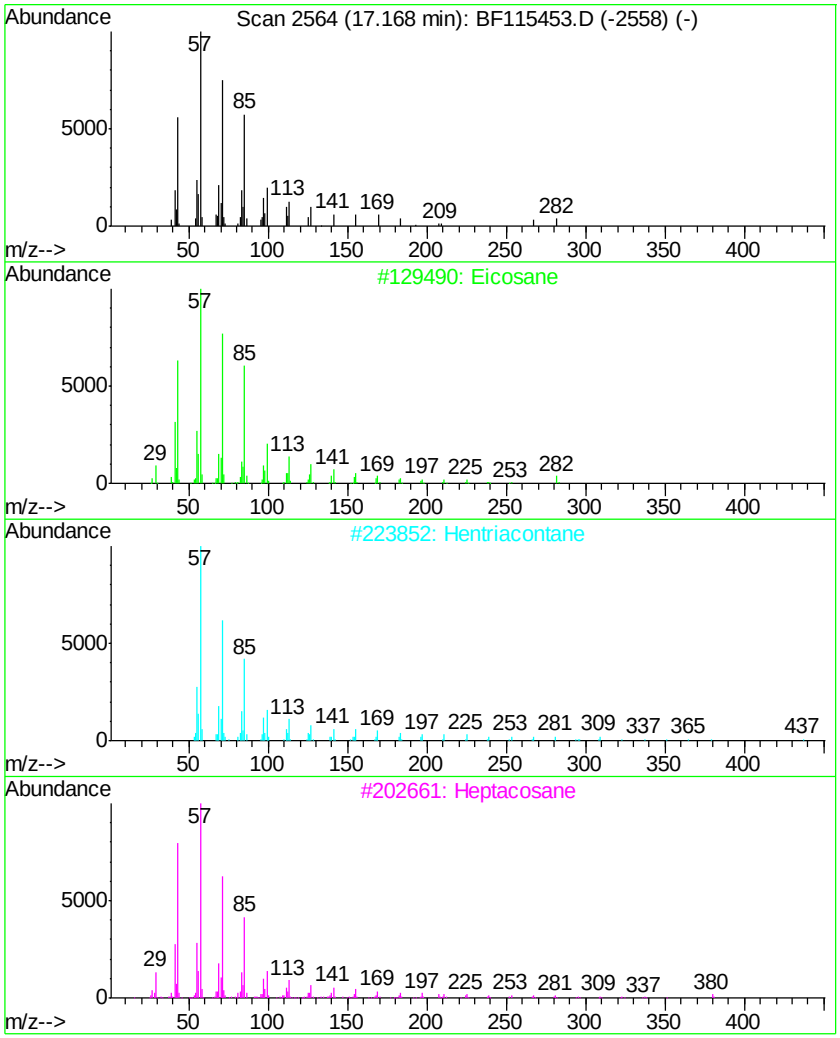
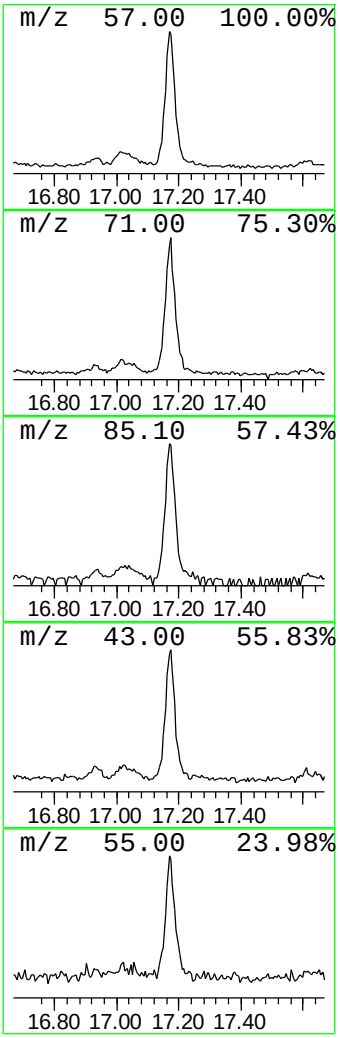
Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.02 ng	131184	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hentriacontane	437	C31H64	000630-04-6	94
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.67	6.67	80.0	ng	5453440	1	6.89	1363060	20.0
Heneicosane	14.54	2.2	ng	173523	5	14.06	1606860	20.0
Heptadecane, 9-oc...	14.86	5.1	ng	331905	6	15.55	1296770	20.0
2-methyloctacosane	15.20	7.3	ng	471677	6	15.55	1296770	20.0
Hexadecane, 1-iodo-	16.04	7.6	ng	493785	6	15.55	1296770	20.0
Hexacosane	16.56	4.9	ng	315778	6	15.55	1296770	20.0
Eicosane	17.17	2.0	ng	131184	6	15.55	1296770	20.0