LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121403.D
Acq On : 24 Aug 2020 17:13
Operator : JU/CG
Sample : PB131155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131155BL

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-BF081920.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	4.922	477	482	492	rBV	45241	71655	1.56%	0.226%
2	5.322	545	550	568	rBV	2990108	3428087	74.53%	10.833%
3	6.346	718	724	742	rBV	2881392	3444687	74.89%	10.886%
4	6.693	779	783	794	rVB	1079378	922611	20.06%	2.916%
5	7.263	874	880	883	rBV	2187692	2507225	54.51%	7.923%
6	7.975	996	1001	1005	rBV	1133600	1207209	26.25%	3.815%
7	9.057	1178	1185	1188	rBV	3691330	4284843	93.15%	13.541%
8	9.728	1294	1299	1310	rBV	1610702	1445535	31.43%	4.568%
9	10.522	1428	1434	1452	rBV	2462805	2723565	59.21%	8.607%
10	11.210	1545	1551	1555	rBV	1522278	1530371	33.27%	4.836%
11	12.804	1814	1822	1825	rBV2	3775275	4599701	100.00%	14.536%
12	13.851	1996	2000	2003	rBV	1639496	1420635	30.89%	4.489%
13	14.004	2022	2026	2032	rBV	31544	46159	1.00%	0.146%
14	14.316	2074	2079	2084	rVB2	112516	168771	3.67%	0.533%
15	14.616	2124	2130	2137	rVB	302493	372416	8.10%	1.177%
16	14.933	2177	2184	2190	rVB	393278	539979	11.74%	1.706%
17	15.263	2235	2240	2253	rVB2	1200115	1961919	42.65%	6.200%
18	15.680	2303	2311	2321	rBV	299150	486002	10.57%	1.536%
19	16.145	2380	2390	2396	rBV	157971	293482	6.38%	0.927%
20	16.680	2476	2481	2491	rVB2	54336	115966	2.52%	0.366%
21	17.321	2585	2590	2600	rVB2	32411	73152	1.59%	0.231%

Sum of corrected areas: 31643970

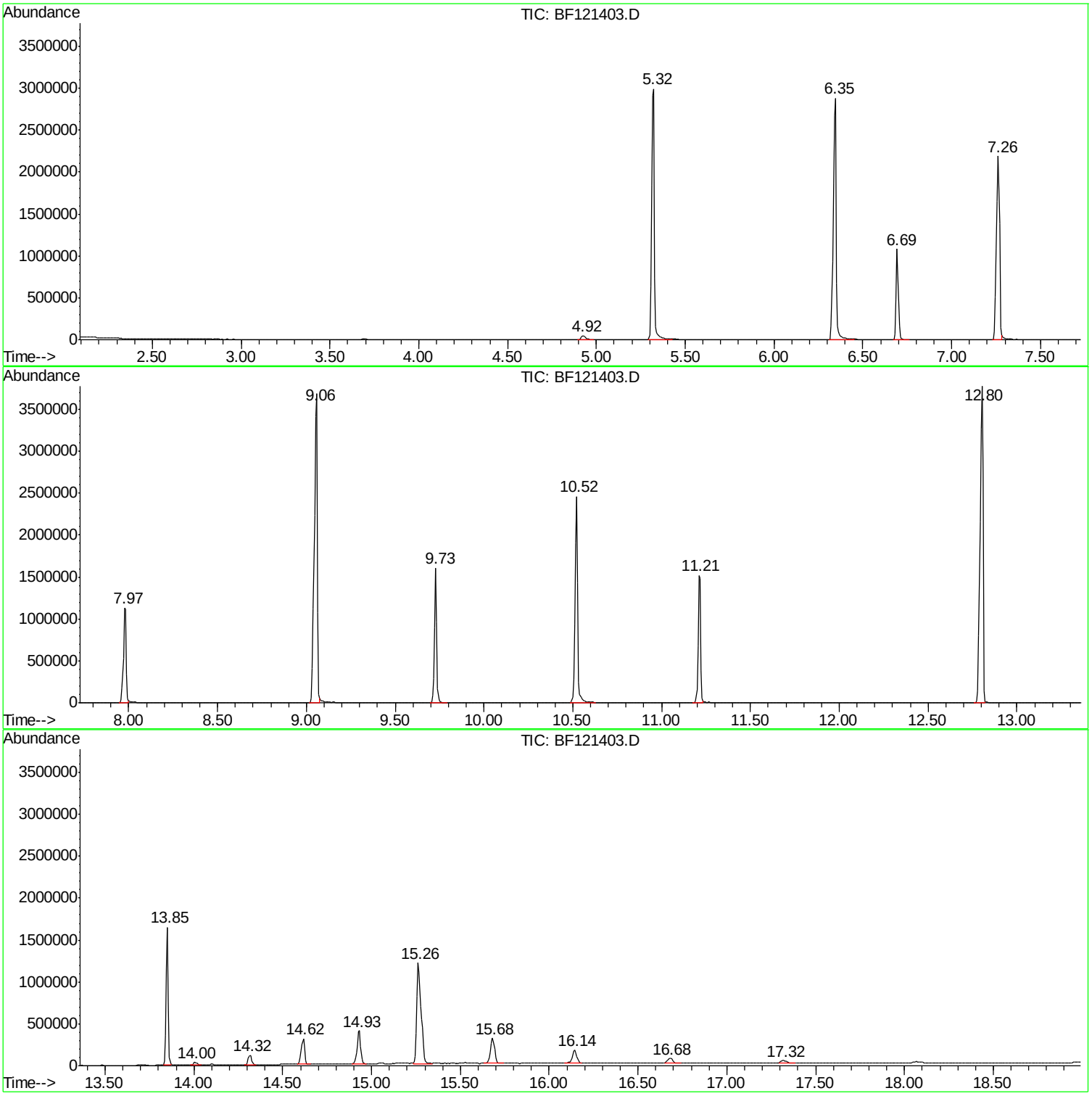
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121403.D
Acq On : 24 Aug 2020 17:13
Operator : JU/CG
Sample : PB131155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131155BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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 F\DATA\BF082420\
Data File : BF121403.D
Acq On : 24 Aug 2020 17:13
Operator : JU/CG
Sample : PB131155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131155BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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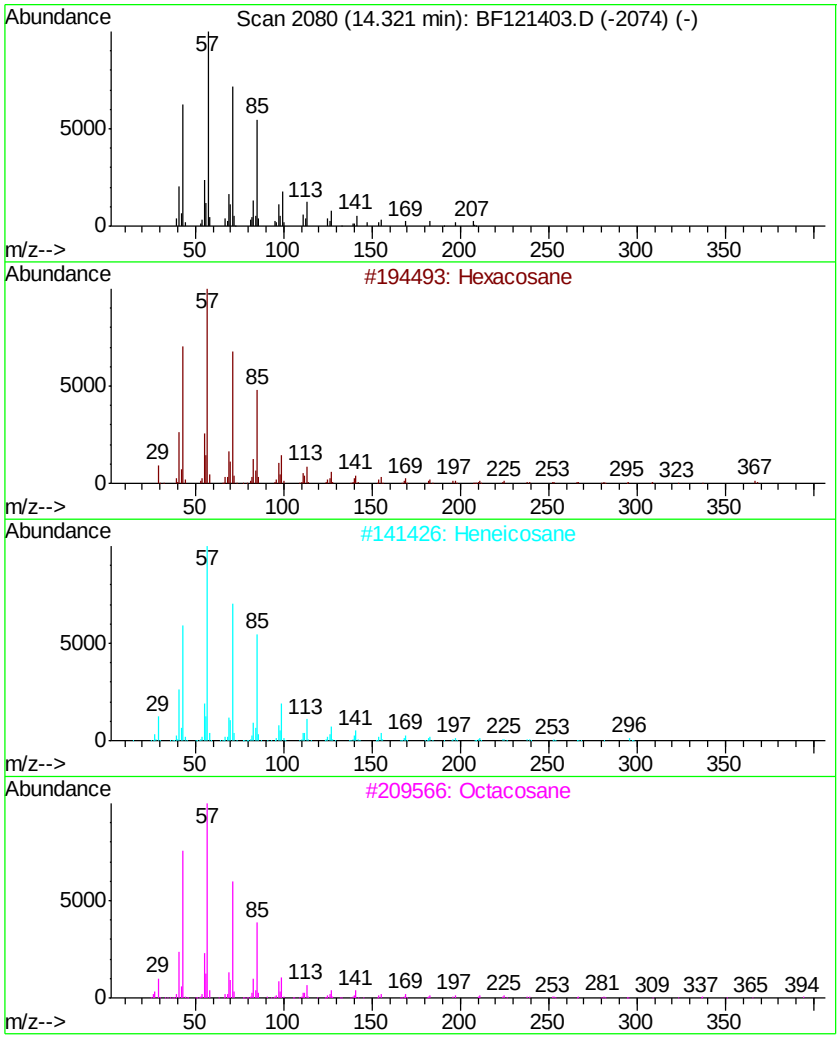
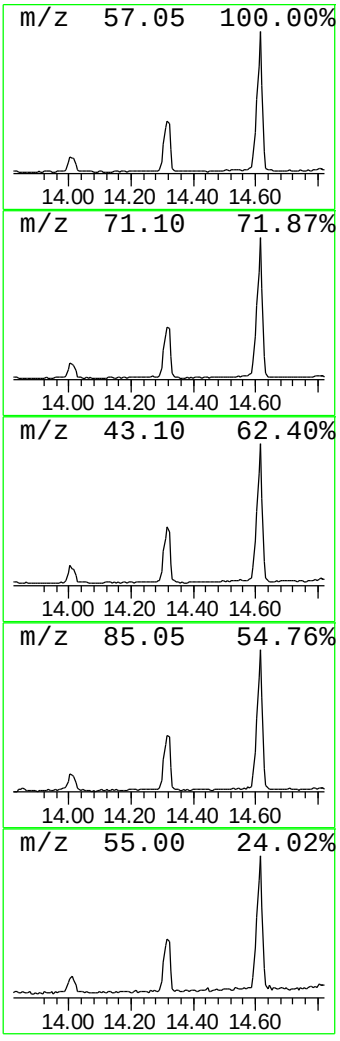
Peak Number 1 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.38 ng	168771	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121403.D
Acq On : 24 Aug 2020 17:13
Operator : JU/CG
Sample : PB131155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131155BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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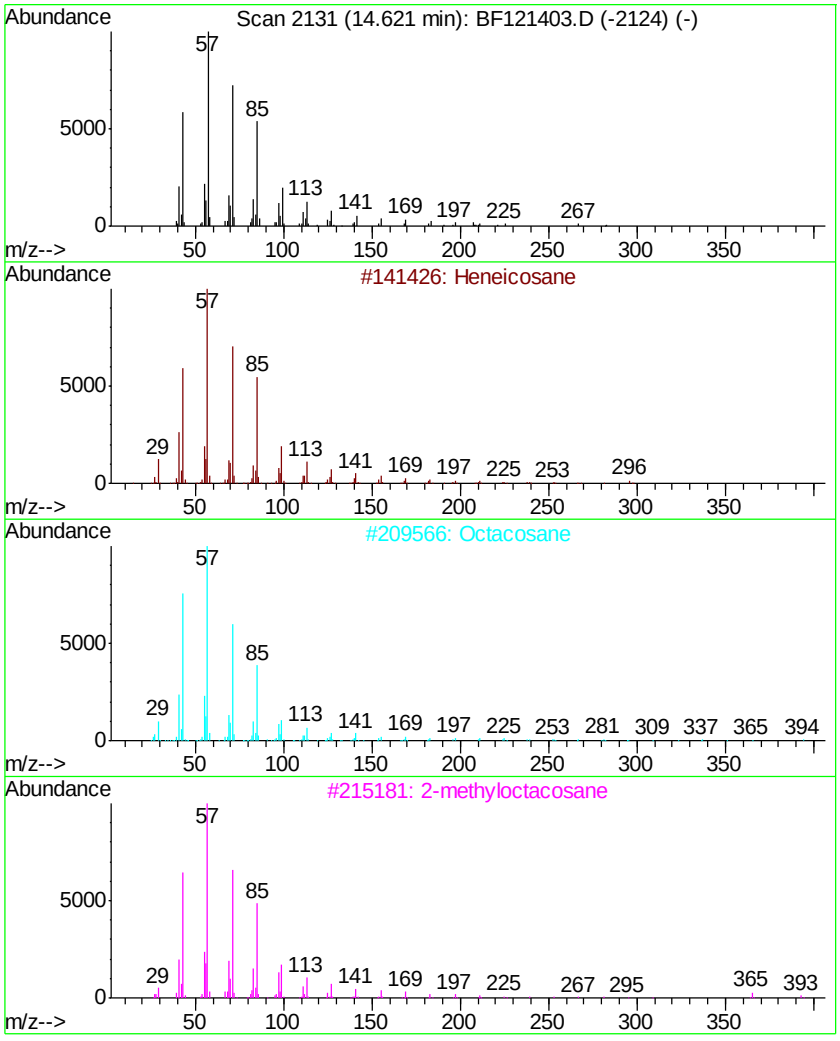
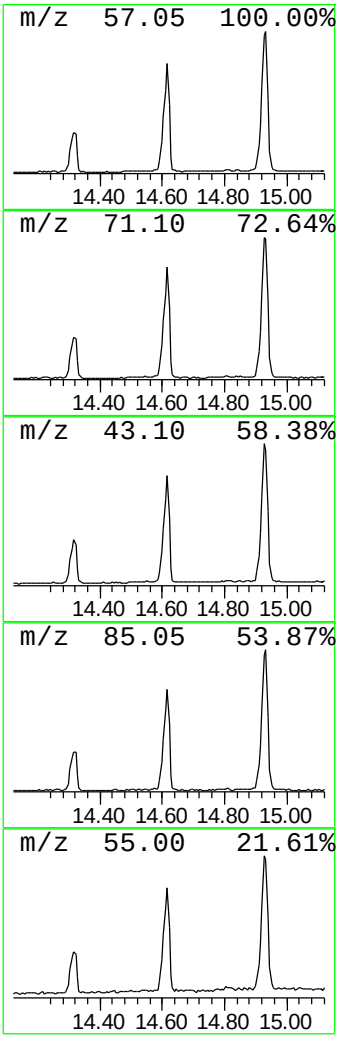
Peak Number 2 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.80 ng	372416	Perylene-d12	15.26

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	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121403.D
Acq On : 24 Aug 2020 17:13
Operator : JU/CG
Sample : PB131155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131155BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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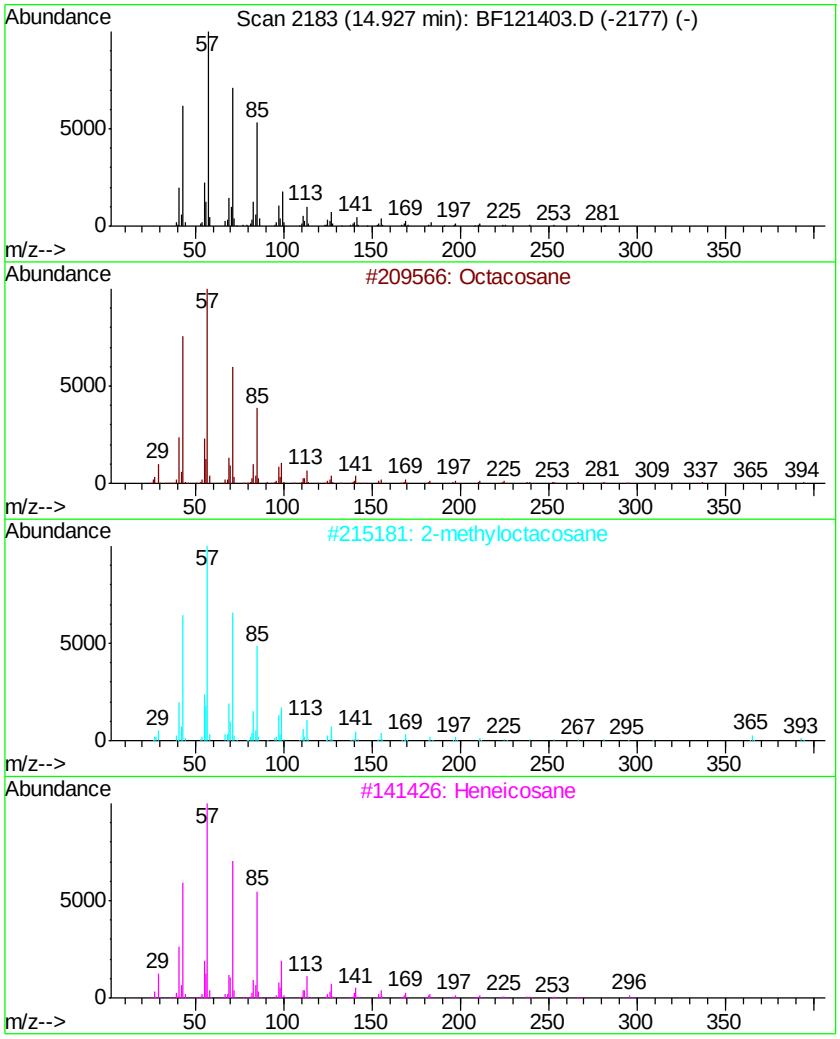
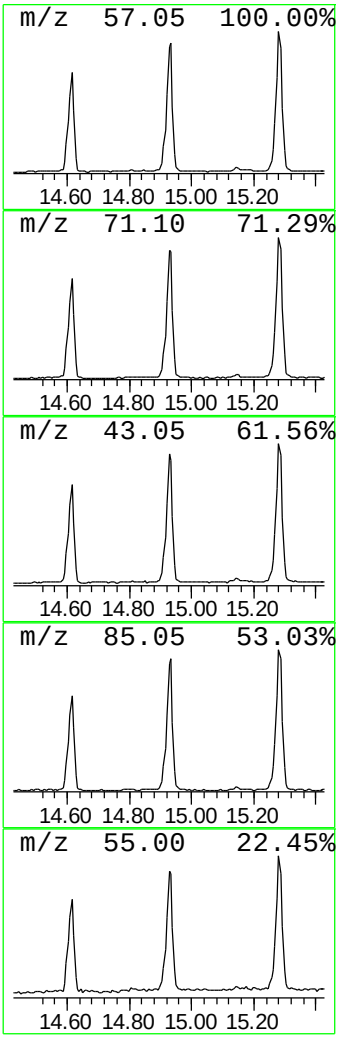
Peak Number 3 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	5.50 ng	539979	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121403.D
Acq On : 24 Aug 2020 17:13
Operator : JU/CG
Sample : PB131155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131155BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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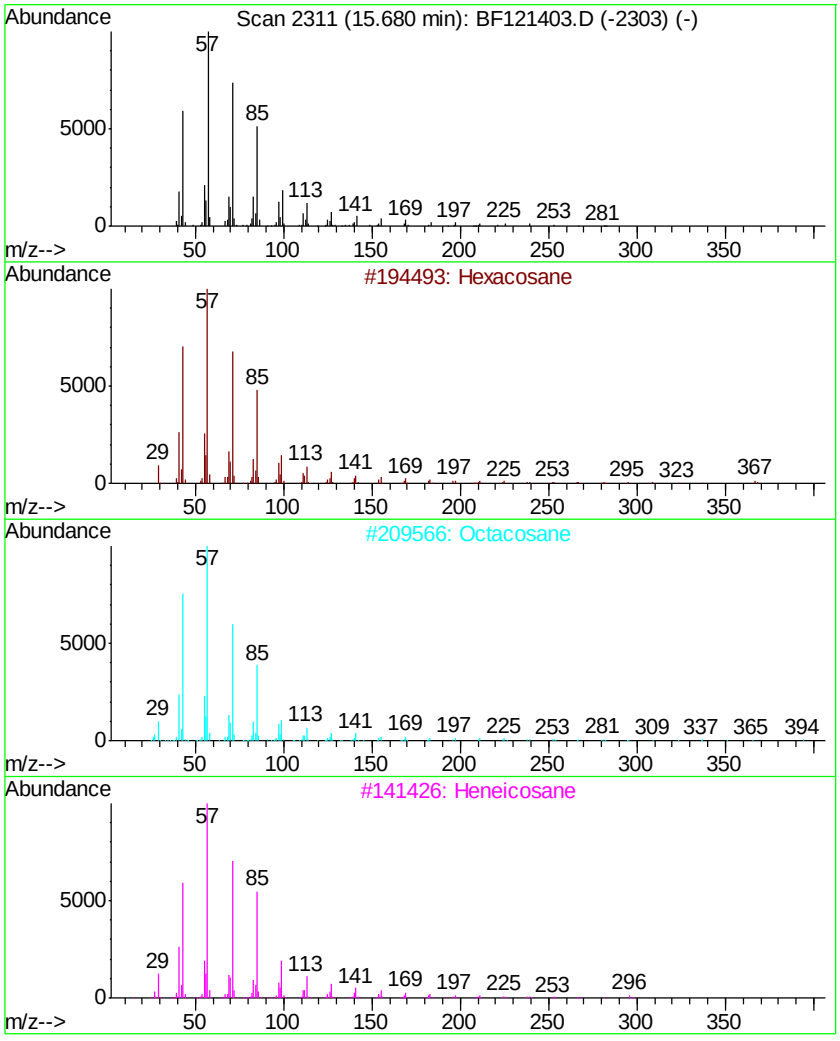
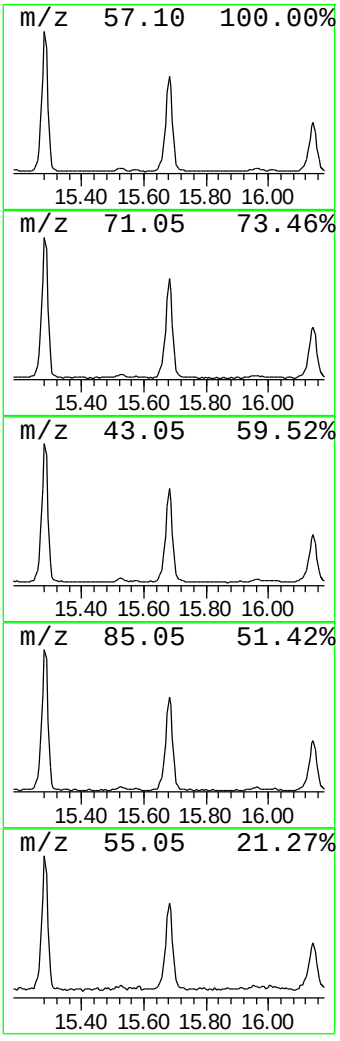
Peak Number 4 Heneicosane, 11-(1-ethylpro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	4.95 ng	486002	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121403.D
Acq On : 24 Aug 2020 17:13
Operator : JU/CG
Sample : PB131155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131155BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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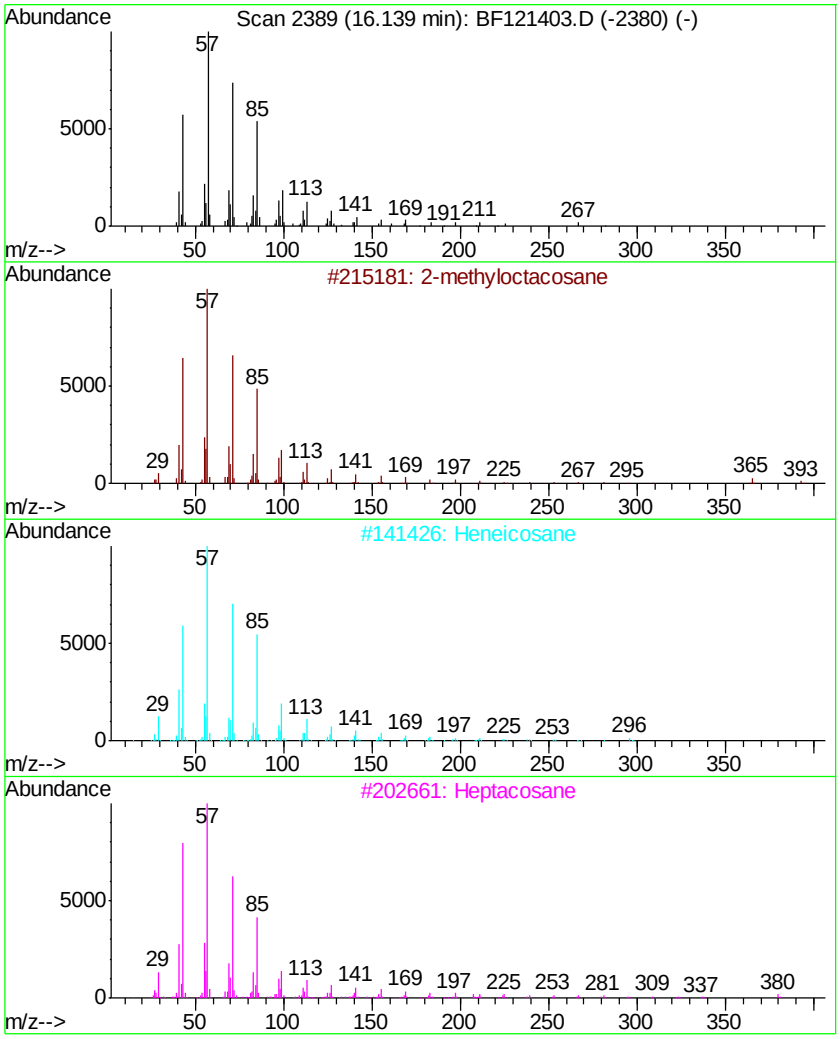
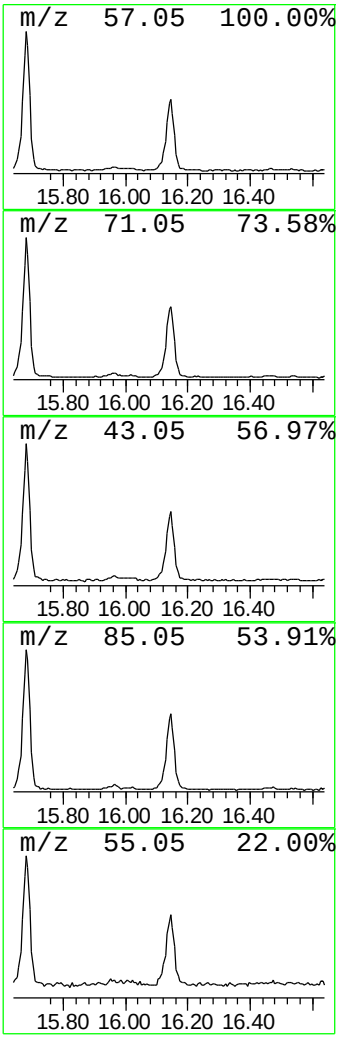
Peak Number 5 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.99 ng	293482	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082420\
Data File : BF121403.D
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Sample : PB131155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131155BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
Hexacosane	14.32	2.4	ng	168771	5	13.85	1420640	20.0
Heneicosane	14.62	3.8	ng	372416	6	15.26	1961920	20.0
Octacosane	14.93	5.5	ng	539979	6	15.26	1961920	20.0
Heneicosane, 11-(...	15.68	5.0	ng	486002	6	15.26	1961920	20.0
2-methyloctacosane	16.14	3.0	ng	293482	6	15.26	1961920	20.0