LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-101023

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135765.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	484	489	495	rBV3	5214	10641	1.56%	0.154%
2	5.381	557	560	573	rBV	120084	210579	30.83%	3.038%
3	6.398	731	733	752	rBV	126336	234909	34.40%	3.389%
4	6.734	787	790	806	rBV	603257	558509	81.78%	8.058%
5	7.310	885	888	901	rBV	94566	140708	20.60%	2.030%
6	8.016	1005	1008	1015	rBV	834951	668686	97.91%	9.648%
7	9.092	1188	1191	1199	rBV	322126	258414	37.84%	3.728%
8	9.175	1199	1205	1208	rVB3	9537	10532	1.54%	0.152%
9	9.704	1291	1295	1299	rVB	13561	11304	1.66%	0.163%
10	9.775	1303	1307	1311	rVV	824539	682945	100.00%	9.853%
11	9.804	1311	1312	1318	rVB2	9388	9605	1.41%	0.139%
12	10.204	1372	1380	1383	rBV2	21231	24929	3.65%	0.360%
13	10.333	1398	1402	1407	rBV2	7139	9771	1.43%	0.141%
14	10.427	1414	1418	1424	rVB5	6734	12088	1.77%	0.174%
15	10.575	1439	1443	1451	rBV	117695	120041	17.58%	1.732%
16	10.680	1458	1461	1466	rBV	22390	25912	3.79%	0.374%
17	10.880	1491	1495	1498	rBV5	4964	10294	1.51%	0.149%
18	11.133	1534	1538	1540	rBV	22441	20647	3.02%	0.298%
19	11.163	1540	1543	1548	rVB3	13691	19744	2.89%	0.285%
20	11.269	1558	1561	1564	rBV	696184	603130	88.31%	8.702%
21	11.292	1564	1565	1570	rVV	90794	76155	11.15%	1.099%
22	11.351	1573	1575	1578	rVB	15814	12687	1.86%	0.183%
23	11.522	1599	1604	1608	rBV6	11885	21799	3.19%	0.315%
24	11.563	1608	1611	1613	rVV	29736	27281	3.99%	0.394%
25	11.604	1616	1618	1622	rVV	12321	13057	1.91%	0.188%
26	11.692	1630	1633	1636	rBV5	7259	9238	1.35%	0.133%
27	11.780	1644	1648	1650	rBV3	19363	25859	3.79%	0.373%
28	11.804	1650	1652	1659	rVV2	43511	58910	8.63%	0.850%
29	11.886	1663	1666	1669	rBV	23589	25042	3.67%	0.361%
30	11.969	1677	1680	1683	rBV	48120	42271	6.19%	0.610%
31	12.010	1685	1687	1689	rVV2	12409	10434	1.53%	0.151%
32	12.074	1695	1698	1700	rBV2	16206	18398	2.69%	0.265%
33	12.204	1717	1720	1722	rBV2	16687	14637	2.14%	0.211%
34	12.257	1726	1729	1733	rBV6	18687	31178	4.57%	0.450%
35	12.327	1738	1741	1743	rBV	36878	38674	5.66%	0.558%
36	12.363	1743	1747	1750	rVV2	74979	74384	10.89%	1.073%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
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Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.492	1766	1769	1774	rBV	150425	157599	23.08%	2.274%
38	12.533	1774	1776	1781	rVV5	13906	22865	3.35%	0.330%
39	12.651	1792	1796	1798	rBV4	38286	43773	6.41%	0.632%
40	12.727	1803	1809	1815	rBV2	152178	255036	37.34%	3.680%
41	12.780	1816	1818	1822	rBV3	26737	34198	5.01%	0.493%
42	12.863	1829	1832	1842	rVB	276178	262964	38.50%	3.794%
43	12.939	1843	1845	1846	rBV2	23788	18678	2.73%	0.269%
44	13.098	1869	1872	1875	rBV	111832	95182	13.94%	1.373%
45	13.439	1927	1930	1933	rBV	137012	130745	19.14%	1.886%
46	13.774	1984	1987	1989	rBV	118116	99037	14.50%	1.429%
47	13.939	2011	2015	2018	rBV	519046	535685	78.44%	7.729%
48	14.092	2038	2041	2049	rVB	150243	169506	24.82%	2.446%
49	14.398	2091	2093	2097	rBV	119242	120406	17.63%	1.737%
50	14.704	2143	2145	2150	rVB	118702	107133	15.69%	1.546%
51	15.039	2200	2202	2207	rVB	118458	115274	16.88%	1.663%
52	15.415	2262	2266	2279	rVB2	356288	500292	73.26%	7.218%
53	15.851	2337	2340	2346	rVB	80956	119365	17.48%	1.722%

Sum of corrected areas: 6931130

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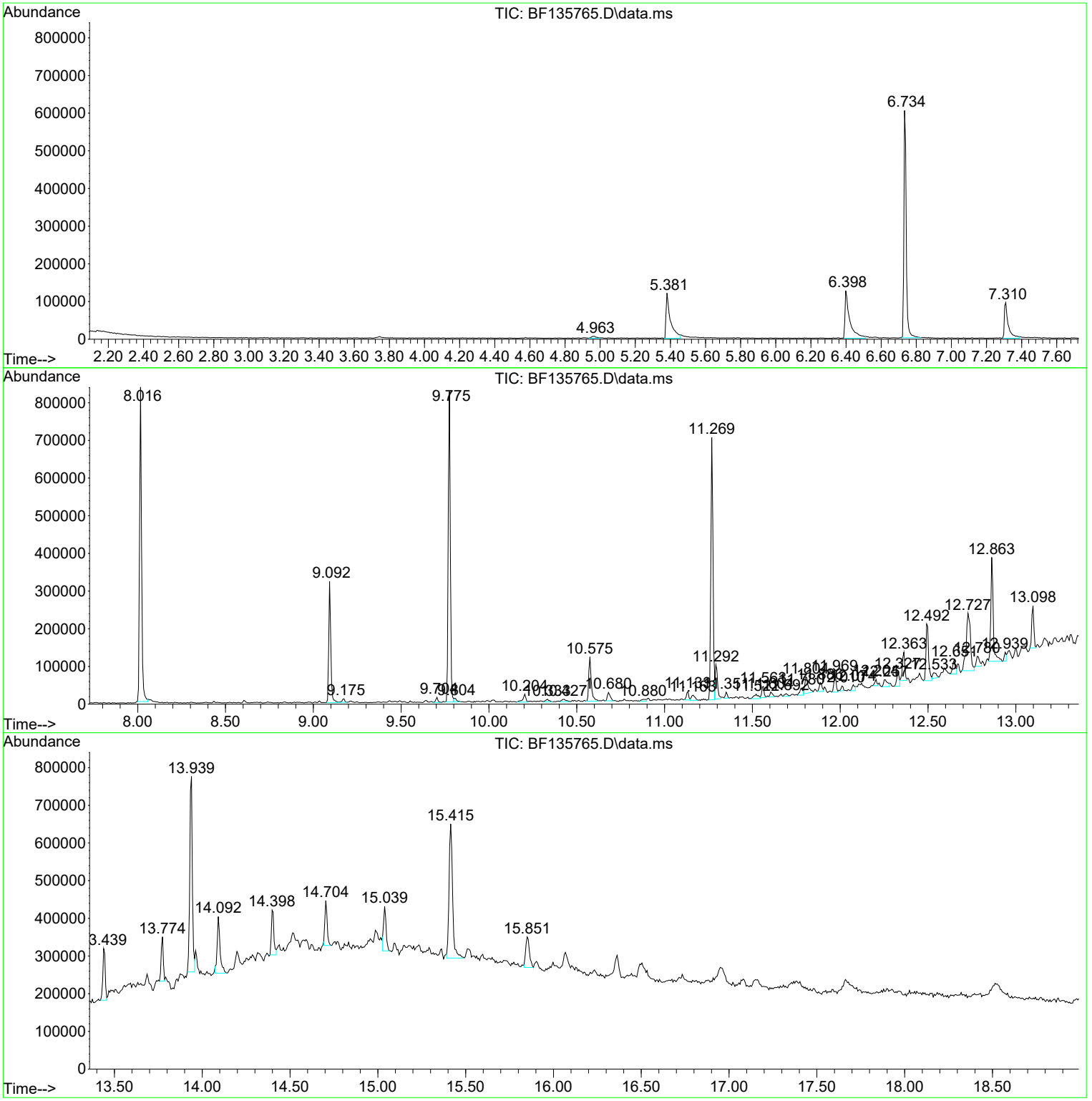
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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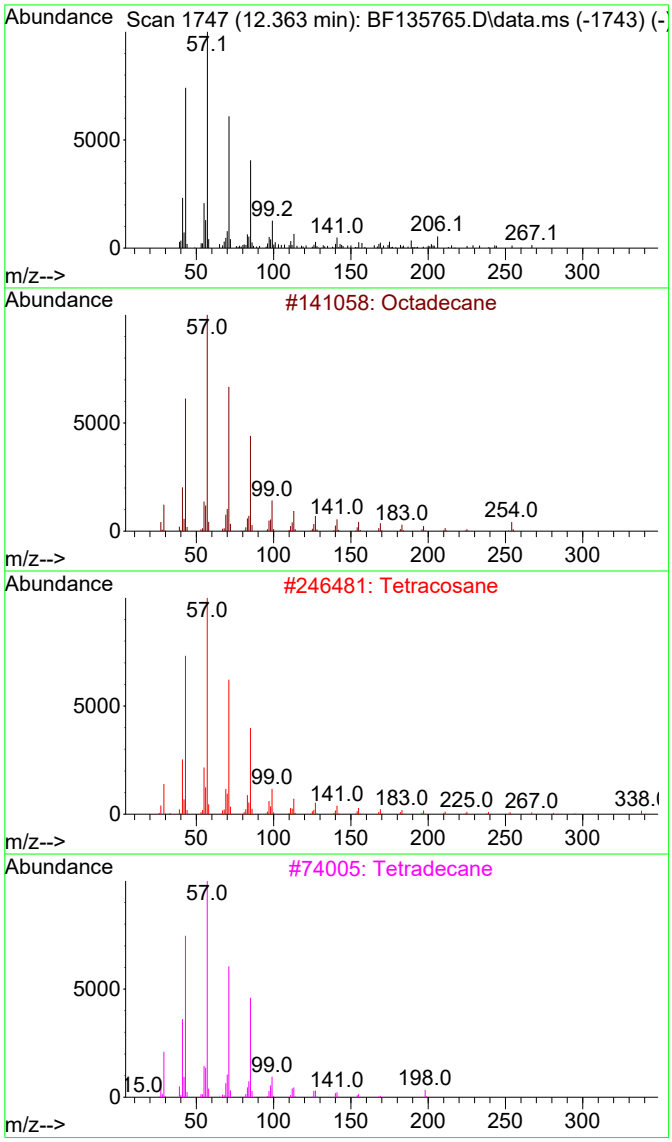
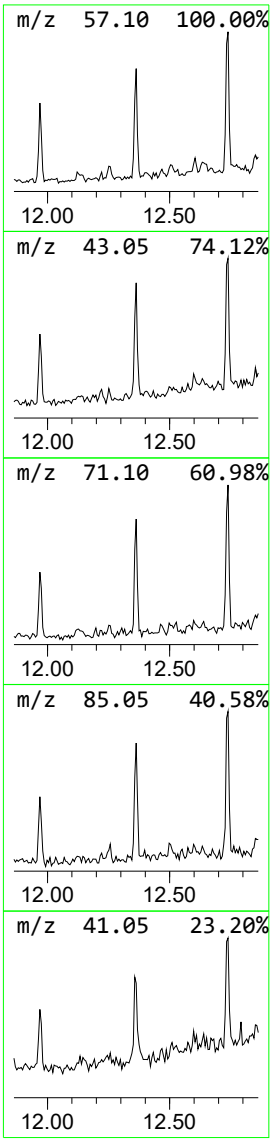
Peak Number 1 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.47 ng	74384	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetracosane	338	C24H50	000646-31-1	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

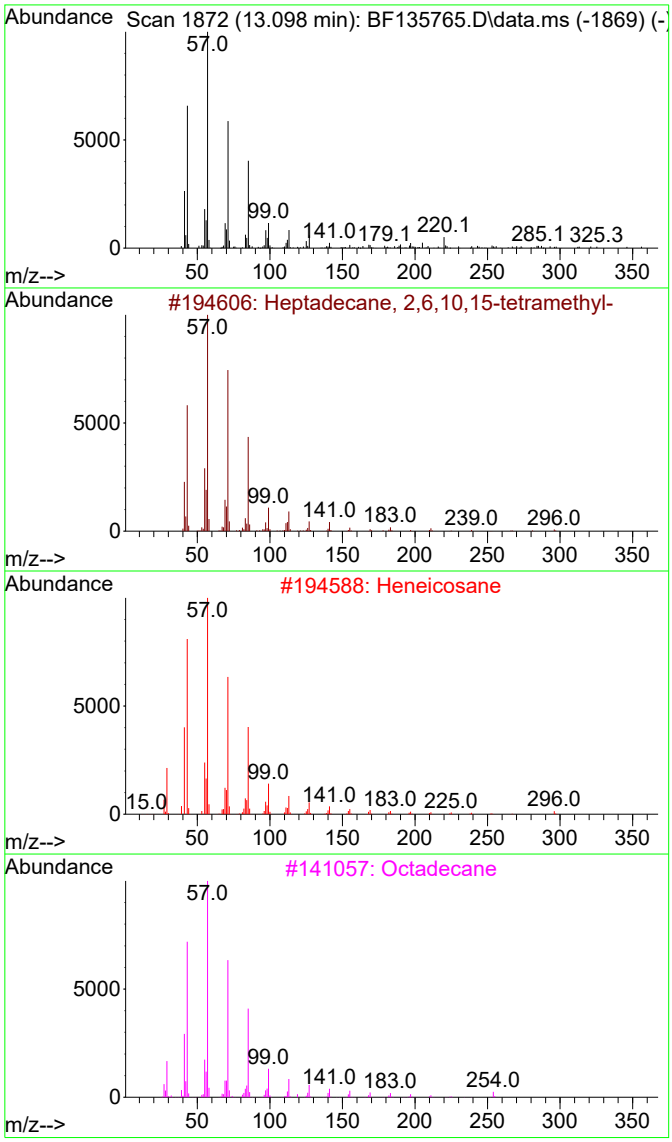
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

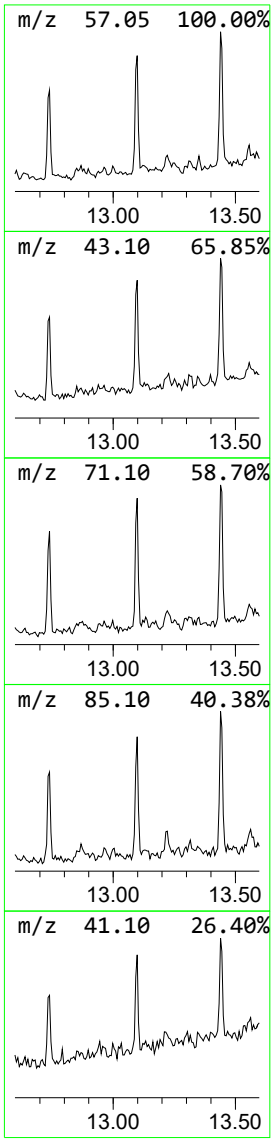
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.55 ng	95182	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Docosane	310	C22H46	000629-97-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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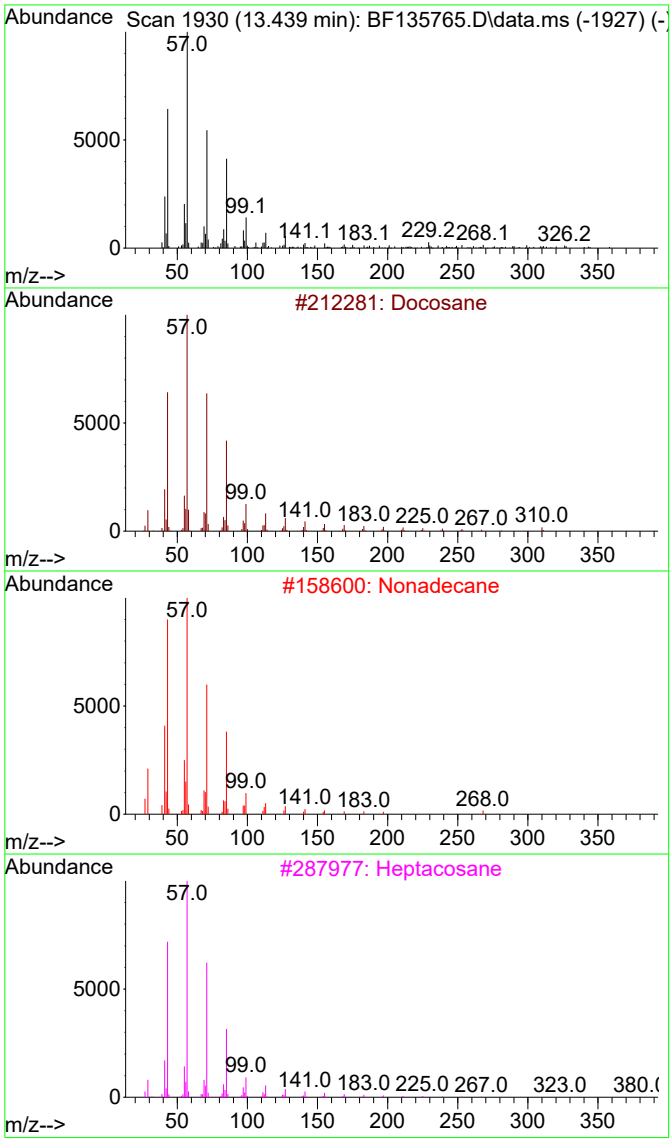
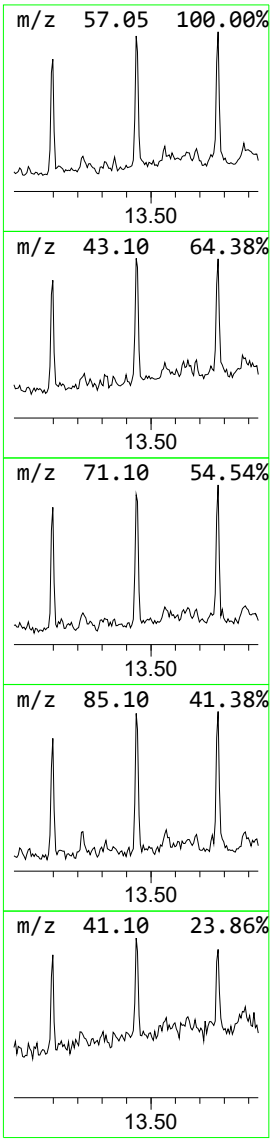
Peak Number 3 Docosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	4.88 ng	130745	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	92
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane	282	C20H42	000112-95-8	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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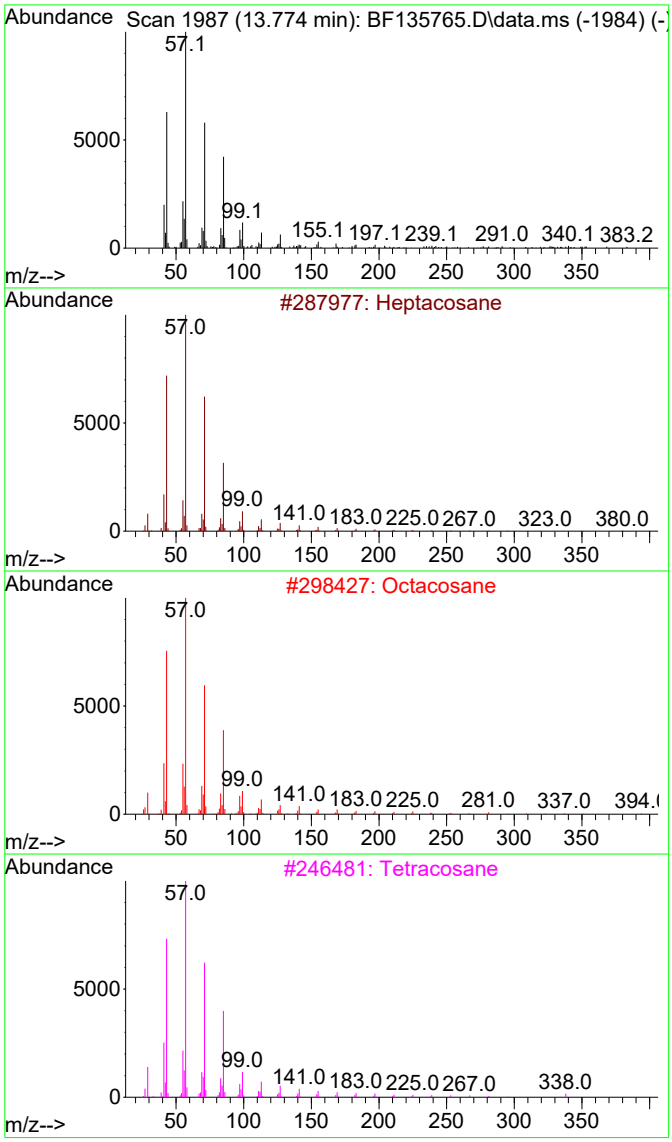
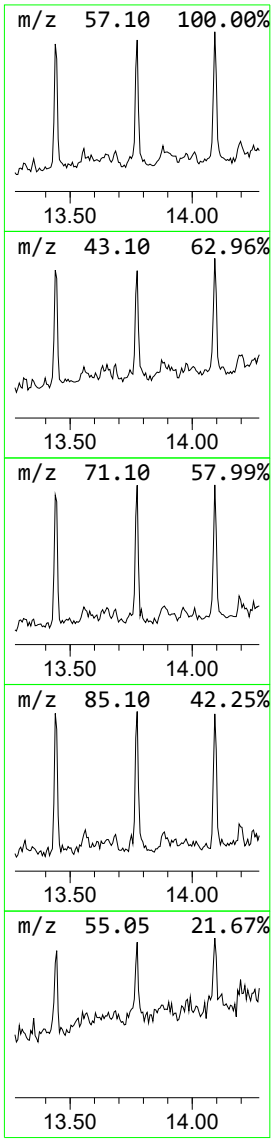
Peak Number 4 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	3.70 ng	99037	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane	310	C22H46	000629-97-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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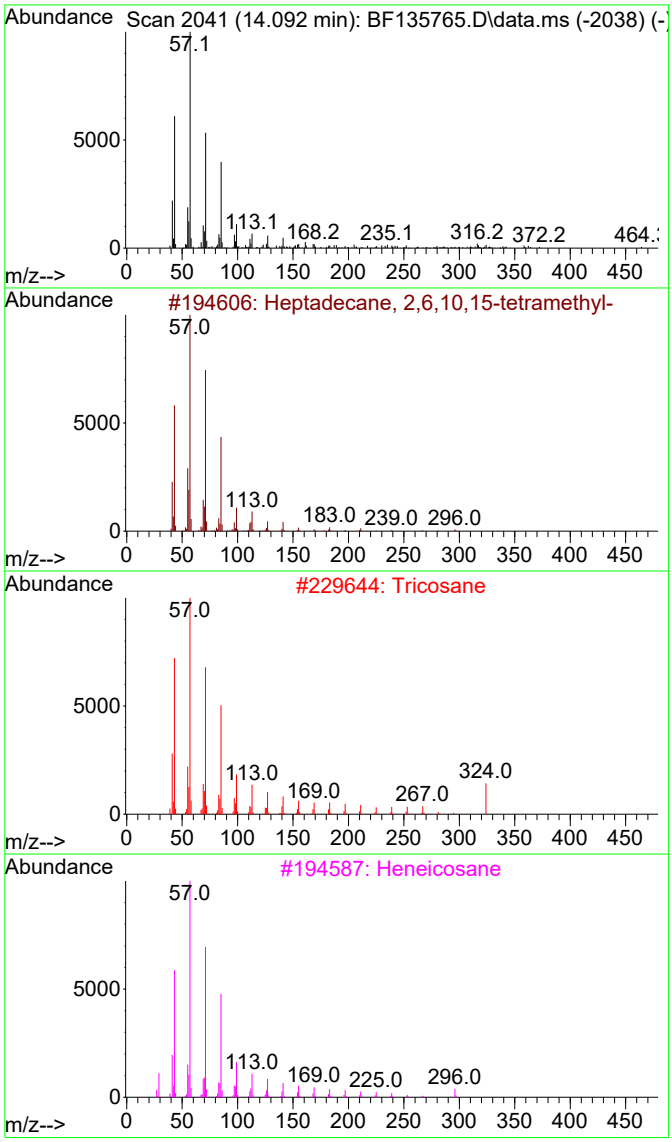
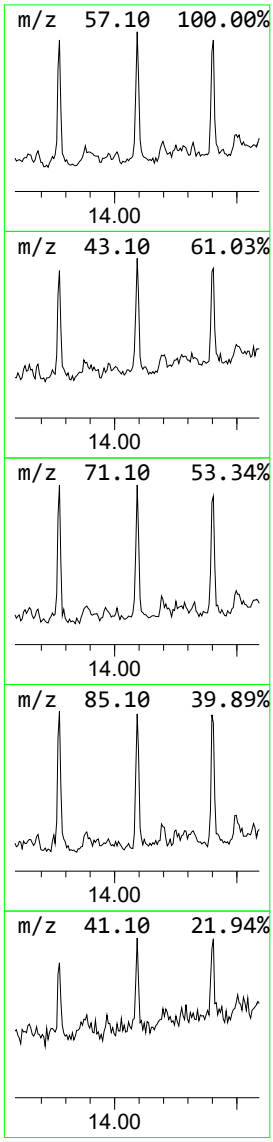
Peak Number 5 Tricosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	6.33 ng	169506	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Tricosane	324	C23H48	000638-67-5	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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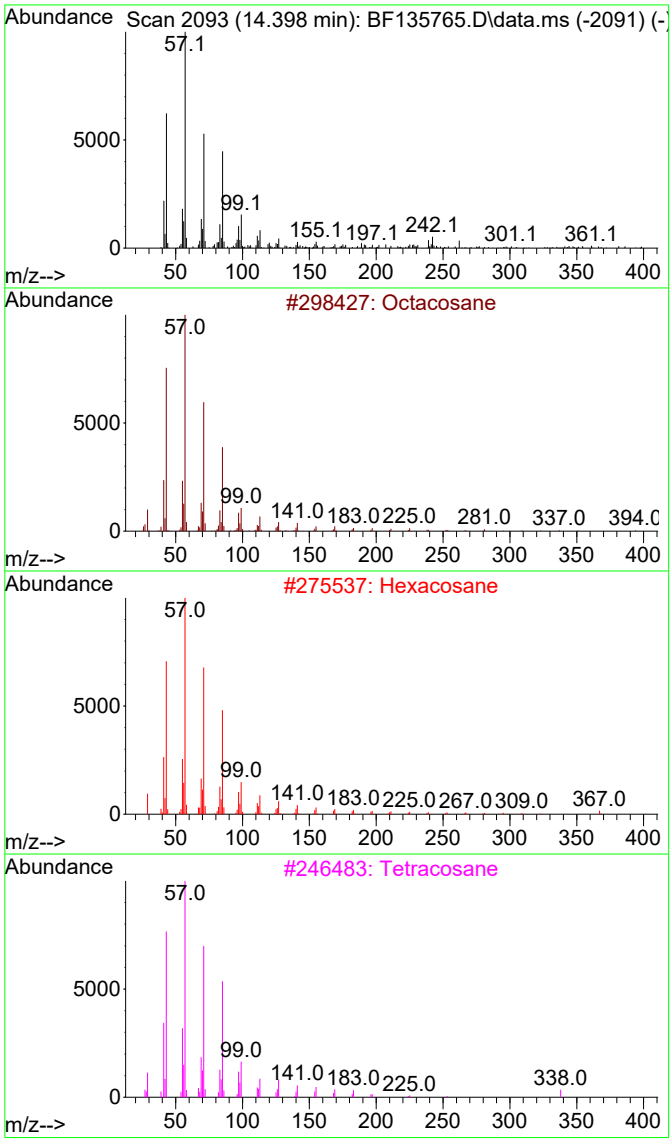
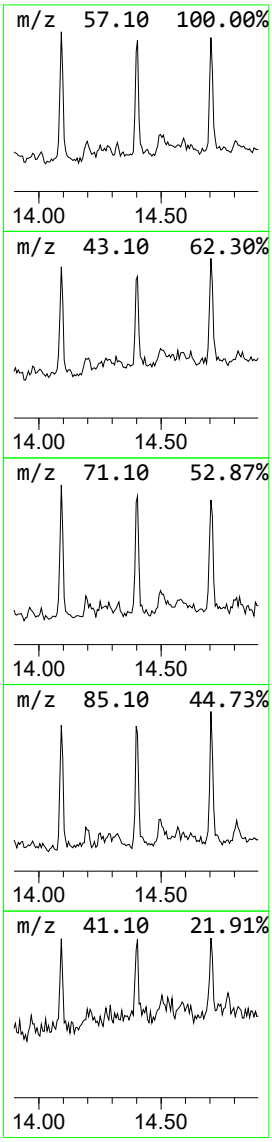
Peak Number 6 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	4.50 ng	120406	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetracosane	338	C24H50	000646-31-1	83
4	Heneicosane	296	C21H44	000629-94-7	76
5	Octadecane	254	C18H38	000593-45-3	74





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Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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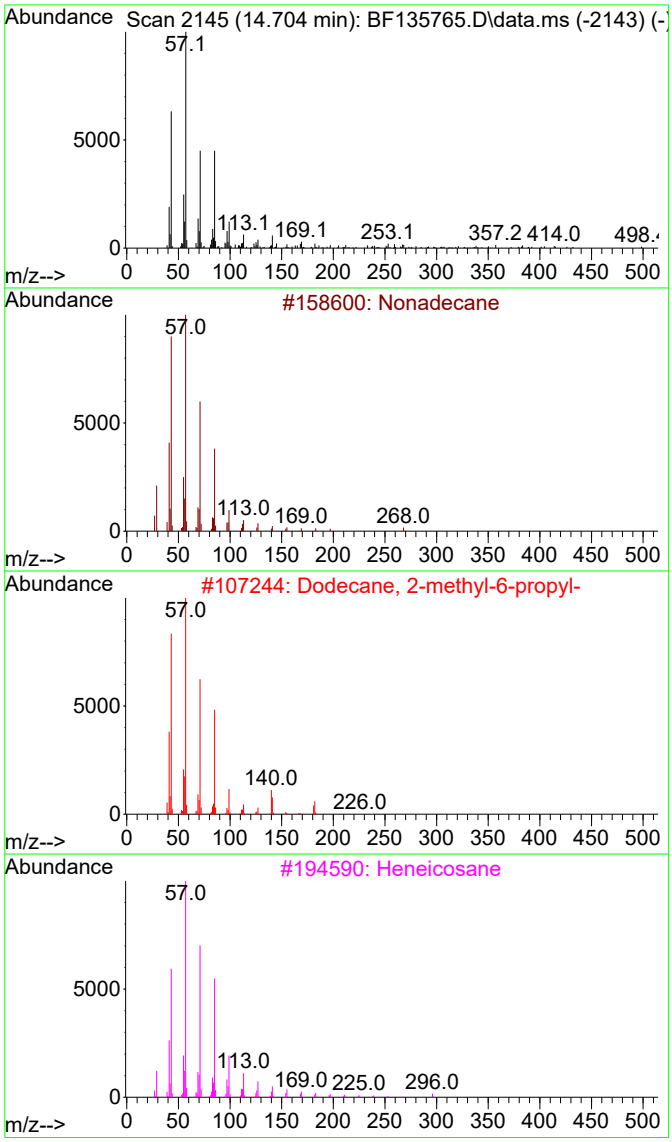
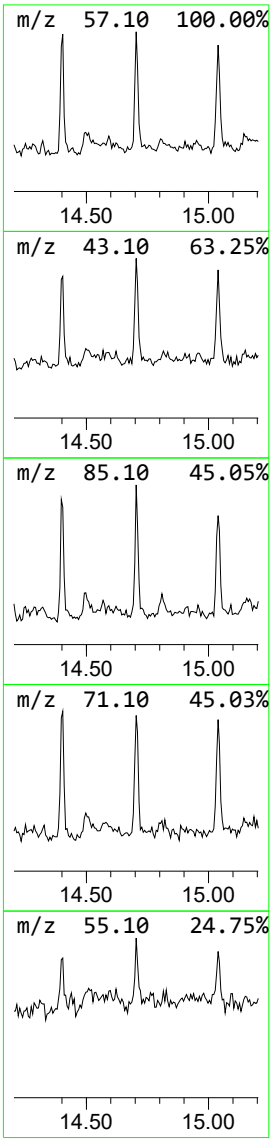
Peak Number 7 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.704	4.28 ng	107133	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
5	Tetracosane	338	C24H50	000646-31-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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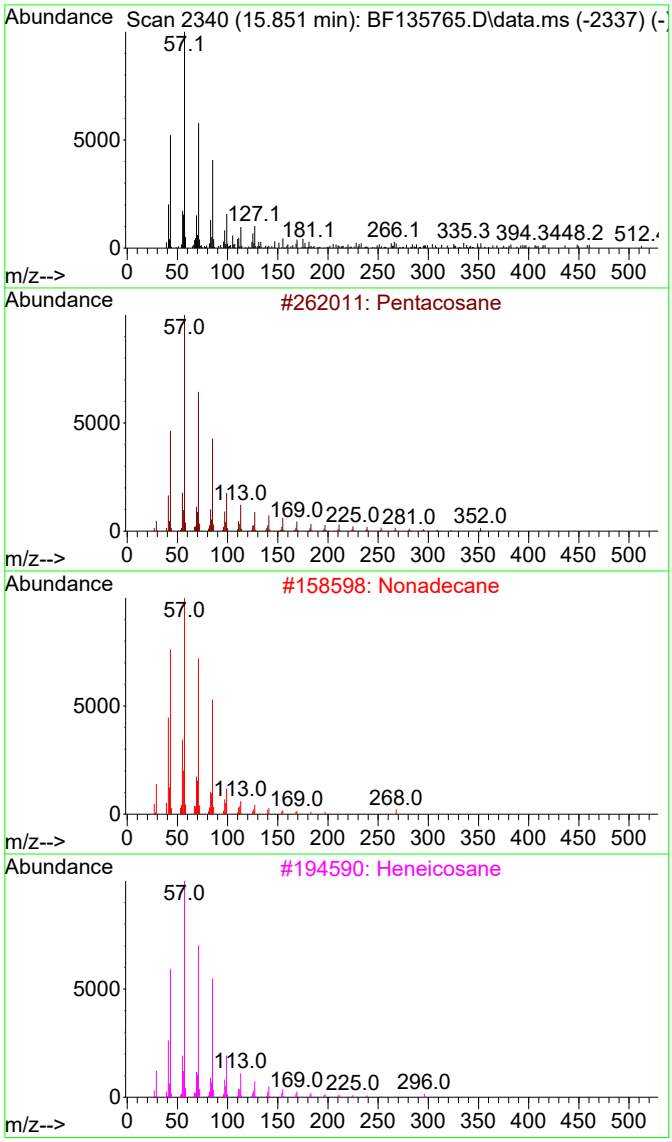
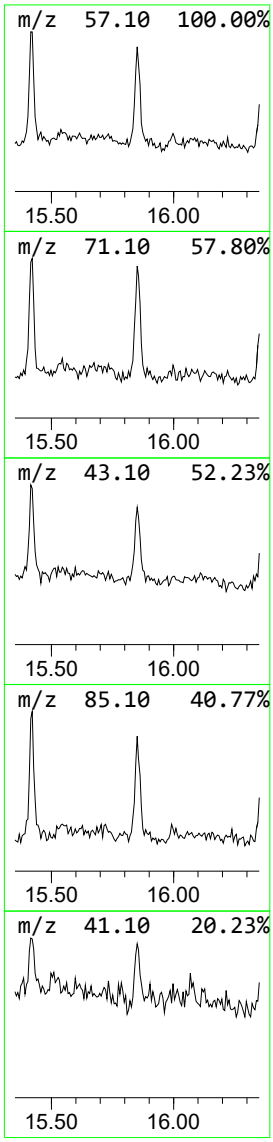
Peak Number 8 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	4.77 ng	119365	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135765.D
Acq On : 13 Oct 2023 21:44
Operator : CG\JU
Sample : 04825-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-101023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octadecane	12.363	2.5	ng	74384	4	11.269	603130	20.0
Heptadecane, 2,...	13.098	3.5	ng	95182	5	13.939	535685	20.0
Docosane	13.439	4.9	ng	130745	5	13.939	535685	20.0
Heptacosane	13.774	3.7	ng	99037	5	13.939	535685	20.0
Tricosane	14.092	6.3	ng	169506	5	13.939	535685	20.0
Octacosane	14.398	4.5	ng	120406	5	13.939	535685	20.0
Nonadecane	14.704	4.3	ng	107133	6	15.415	500292	20.0
Pentacosane	15.851	4.8	ng	119365	6	15.415	500292	20.0