LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-020921

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-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	574	578	591	rBV	529042	471905	34.22%	3.274%
2	6.498	746	750	758	rBV	575621	518961	37.63%	3.601%
3	6.881	812	815	819	rBV	1173986	901808	65.40%	6.257%
4	7.439	906	910	915	rBV	376045	316691	22.97%	2.197%
5	8.169	1028	1034	1037	rBV	1372790	1229620	89.17%	8.532%
6	8.757	1131	1134	1139	rVB	47717	37412	2.71%	0.260%
7	9.239	1213	1216	1220	rBV	833875	665248	48.24%	4.616%
8	9.328	1226	1231	1235	rBV	62195	64488	4.68%	0.447%
9	9.633	1280	1283	1287	rBV3	27139	35942	2.61%	0.249%
10	9.857	1313	1321	1324	rBV	79295	70383	5.10%	0.488%
11	9.927	1329	1333	1336	rVV	1601751	1379003	100.00%	9.568%
12	9.957	1336	1338	1341	rVB	26126	23589	1.71%	0.164%
13	10.086	1355	1360	1363	rBV5	12066	18544	1.34%	0.129%
14	10.127	1363	1367	1372	rVB4	18981	27191	1.97%	0.189%
15	10.175	1372	1375	1379	rBV5	15659	24752	1.79%	0.172%
16	10.357	1403	1406	1409	rVB	89339	66977	4.86%	0.465%
17	10.475	1422	1426	1433	rBV2	22969	38225	2.77%	0.265%
18	10.580	1438	1444	1449	rBV	29605	49056	3.56%	0.340%
19	10.710	1461	1466	1471	rBV	258745	248379	18.01%	1.723%
20	10.827	1483	1486	1492	rBV	97482	117741	8.54%	0.817%
21	11.022	1515	1519	1521	rBV4	19728	22377	1.62%	0.155%
22	11.280	1560	1563	1566	rBV	111126	95018	6.89%	0.659%
23	11.310	1566	1568	1574	rVB	62035	64124	4.65%	0.445%
24	11.416	1582	1586	1588	rBV	1460257	1214498	88.07%	8.427%
25	11.439	1588	1590	1593	rVV	136742	120520	8.74%	0.836%
26	11.492	1597	1599	1601	rVB	29145	22650	1.64%	0.157%
27	11.657	1623	1627	1633	rBV6	14670	25120	1.82%	0.174%
28	11.710	1633	1636	1638	rBV	115051	92257	6.69%	0.640%
29	11.751	1640	1643	1644	rBV2	21966	18160	1.32%	0.126%
30	11.810	1650	1653	1654	rBV	27447	21270	1.54%	0.148%
31	11.833	1654	1657	1659	rVB	18020	16927	1.23%	0.117%
32	11.945	1669	1676	1685	rBV2	450195	674481	48.91%	4.680%
33	12.027	1688	1690	1693	rVB2	41416	39157	2.84%	0.272%
34	12.116	1702	1705	1708	rBV	143202	111588	8.09%	0.774%
35	12.157	1709	1712	1714	rVB2	33333	31383	2.28%	0.218%
36	12.345	1742	1744	1746	rBV	36727	30742	2.23%	0.213%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-020921

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-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.398	1750	1753	1760	rBV4	39107	57685	4.18%	0.400%
38	12.468	1763	1765	1768	rBV2	61098	63173	4.58%	0.438%
39	12.504	1768	1771	1777	rVB2	161092	216733	15.72%	1.504%
40	12.633	1790	1793	1795	rBV	99367	94857	6.88%	0.658%
41	12.733	1806	1810	1817	rBV	836470	1062635	77.06%	7.373%
42	12.863	1829	1832	1833	rBV	76116	71772	5.20%	0.498%
43	12.880	1833	1835	1839	rVB	197000	160921	11.67%	1.117%
44	13.004	1853	1856	1859	rBV	622125	521684	37.83%	3.620%
45	13.239	1893	1896	1898	rBV	190351	156755	11.37%	1.088%
46	13.580	1951	1954	1957	rBV	187414	171729	12.45%	1.192%
47	13.910	2008	2010	2018	rVB	205926	194616	14.11%	1.350%
48	14.063	2033	2036	2039	rBV	1097015	984955	71.43%	6.834%
49	14.227	2062	2064	2068	rVB	216875	177611	12.88%	1.232%
50	14.533	2114	2116	2120	rVB	219518	190443	13.81%	1.321%
51	14.851	2167	2170	2173	rVB	183675	167548	12.15%	1.163%
52	15.192	2225	2228	2235	rVB	229842	289042	20.96%	2.006%
53	15.551	2285	2289	2292	rBV	738596	923903	67.00%	6.411%

Sum of corrected areas: 14412249

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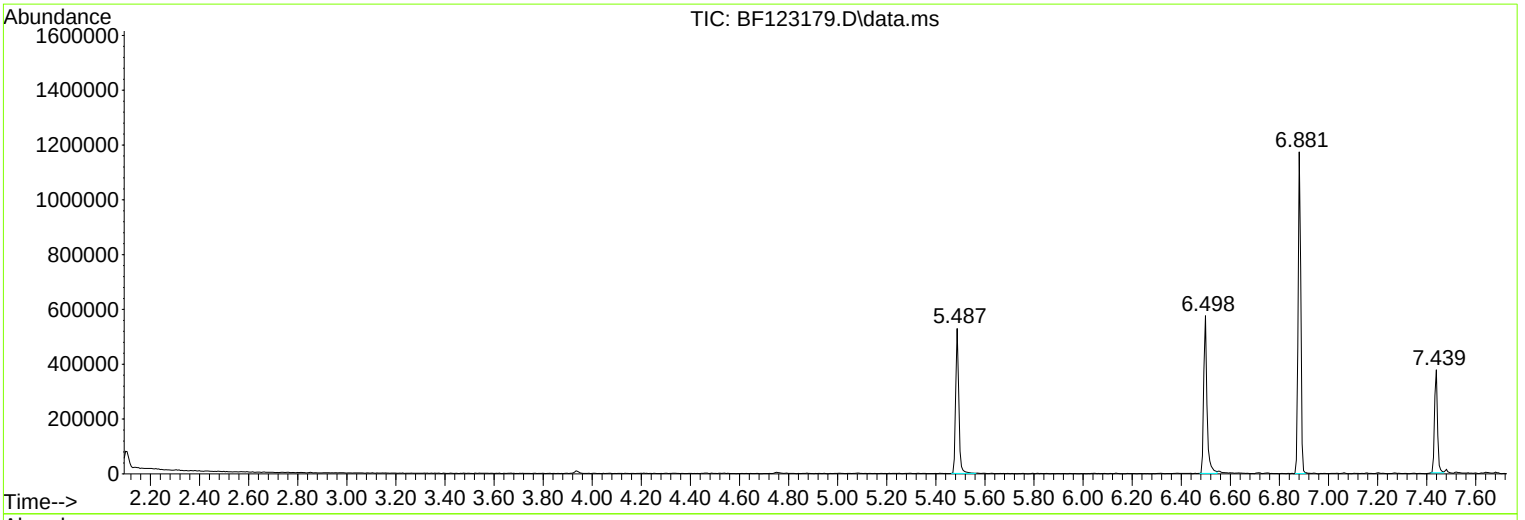
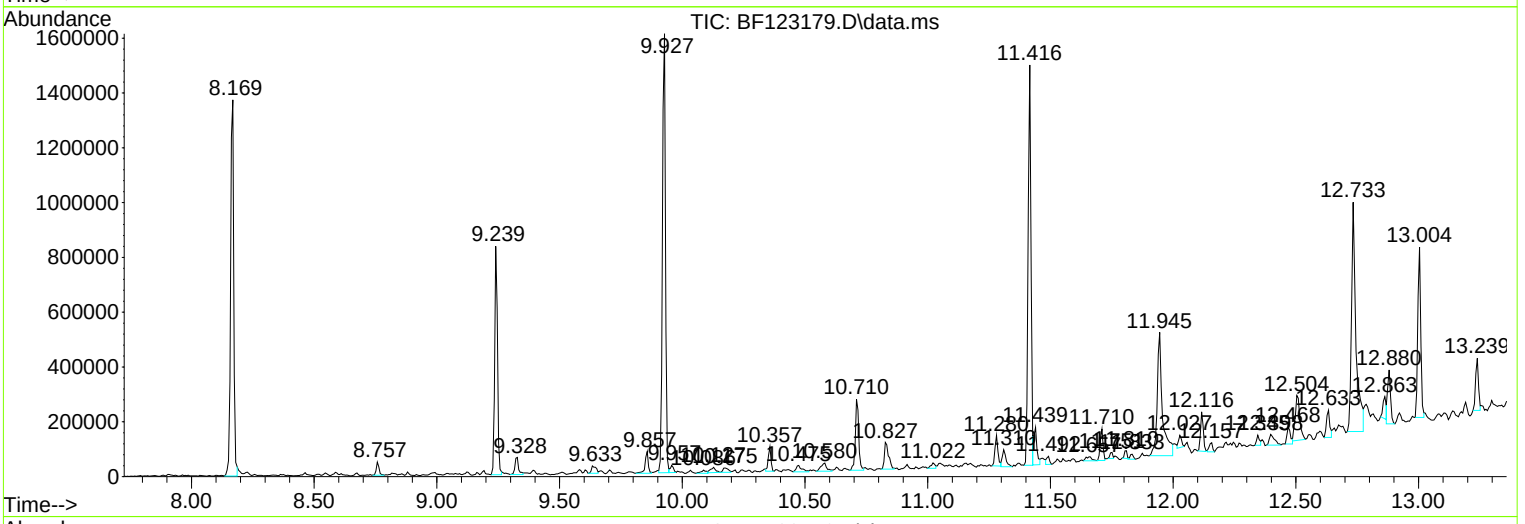
Misc :
ALS Vial : 11 Sample Multiplier: 1

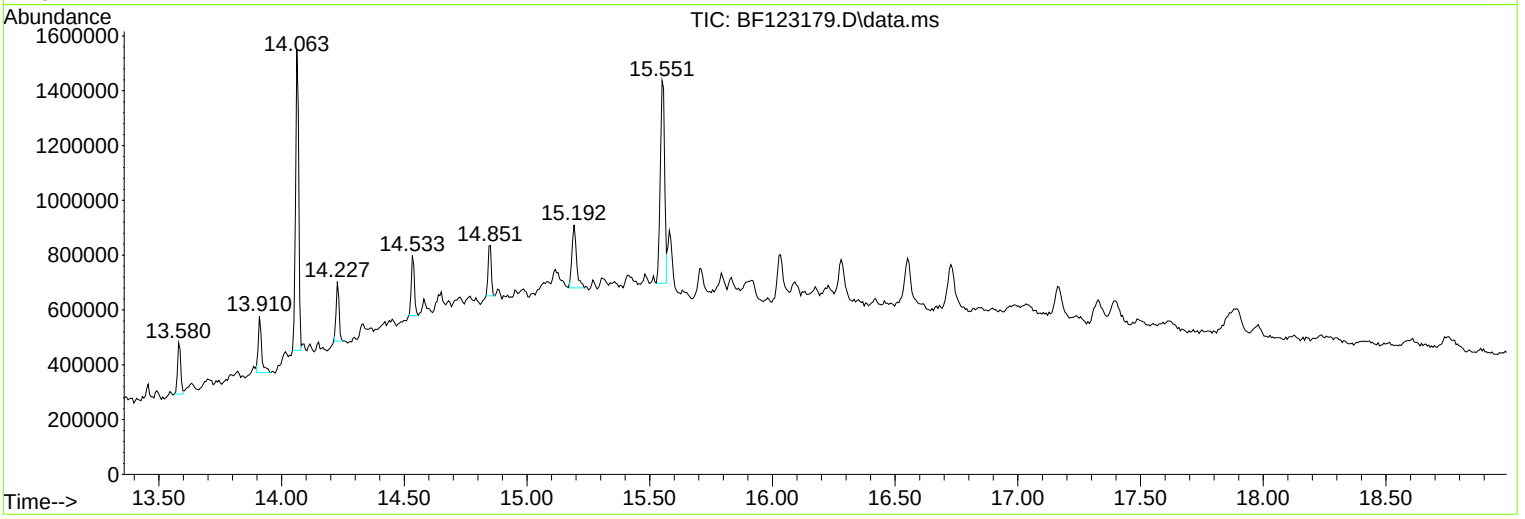
Instrument :
BNA_F
ClientSampleId :
OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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\BF021021\
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Acq On : 10 Feb 2021 20:00
Operator : JU/CG
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

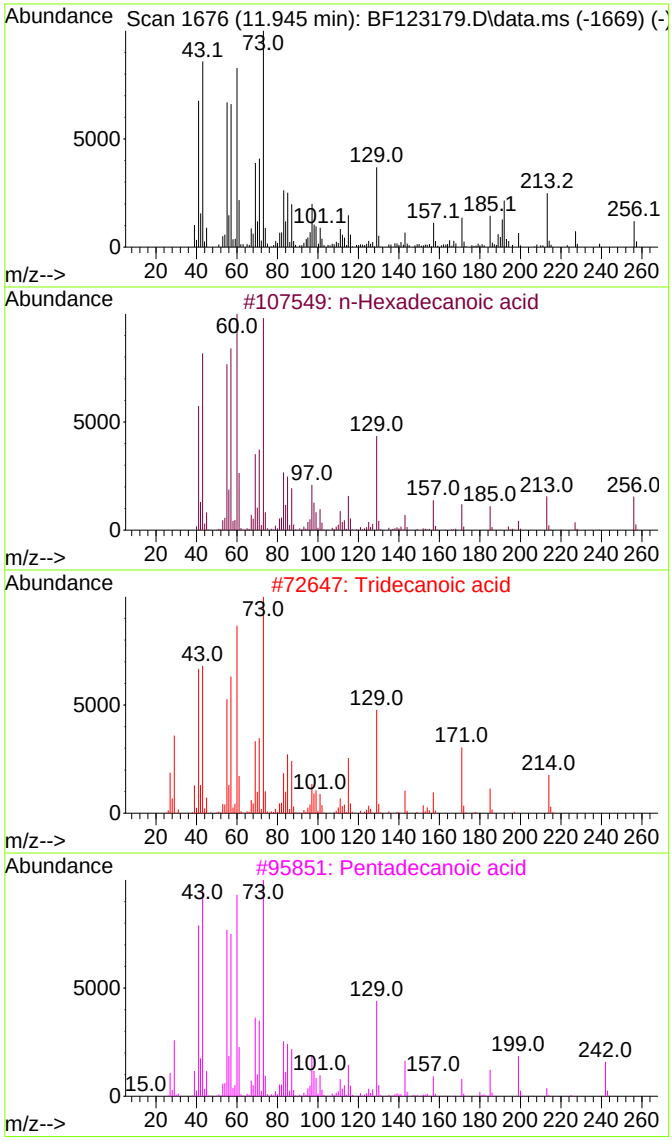
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

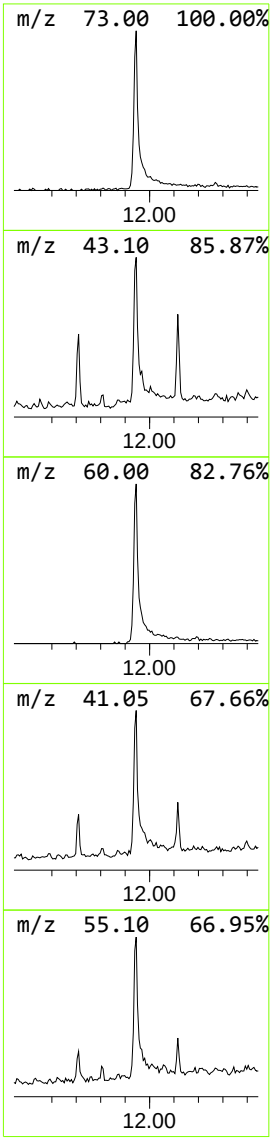
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	11.11 ng	674481	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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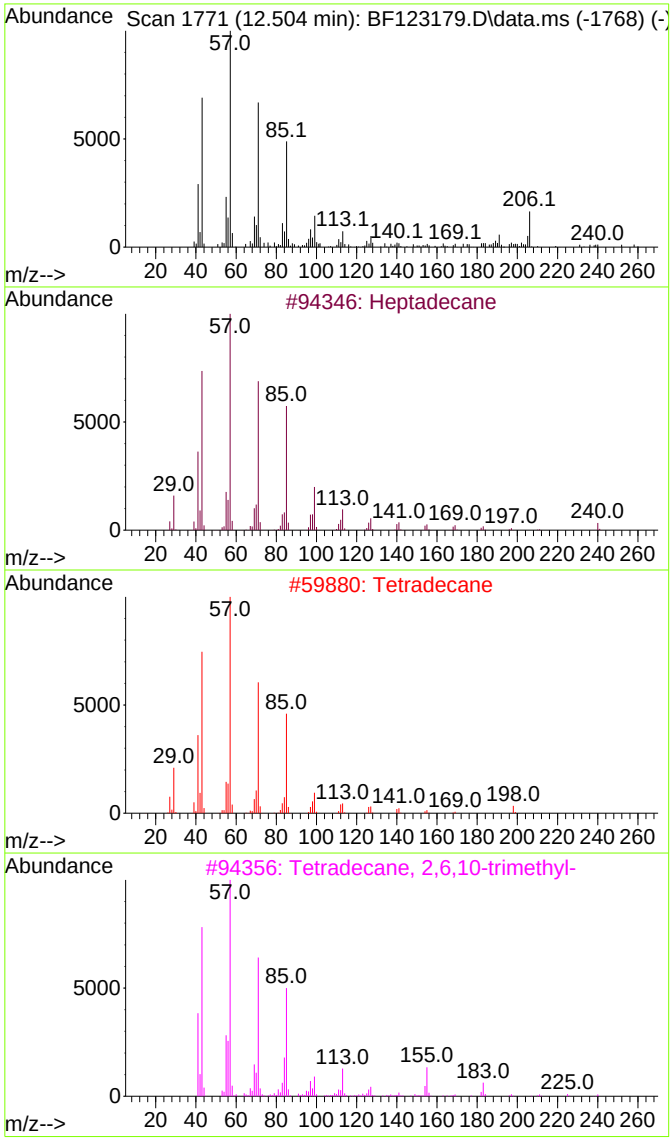
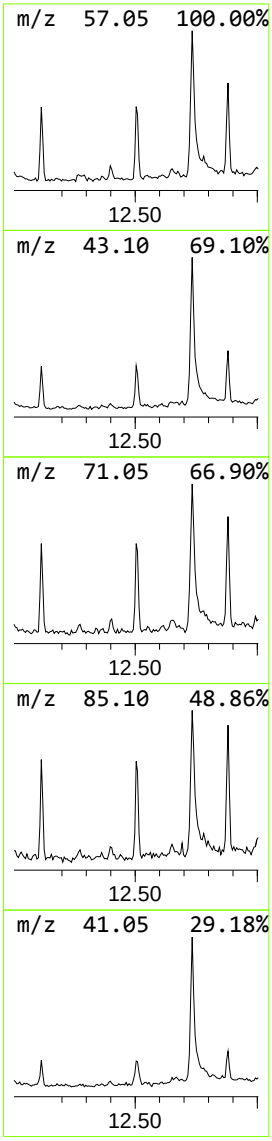
Peak Number 2 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	3.57 ng	216733	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4	Octacosane	394	C28H58	000630-02-4	81
5	Hexacosane	366	C26H54	000630-01-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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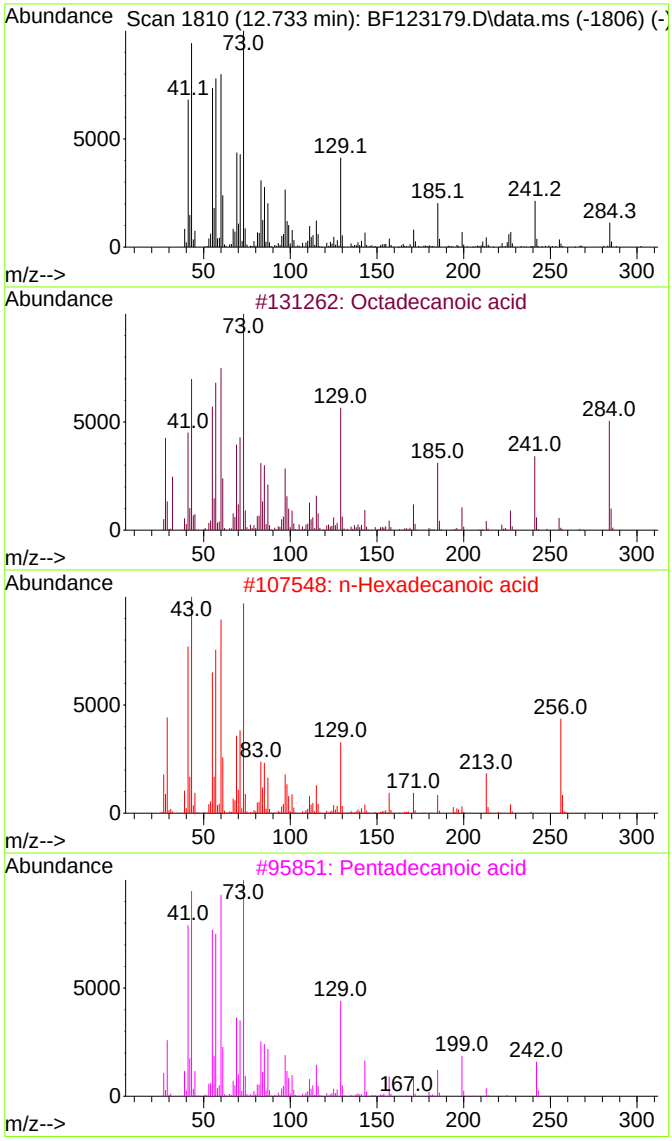
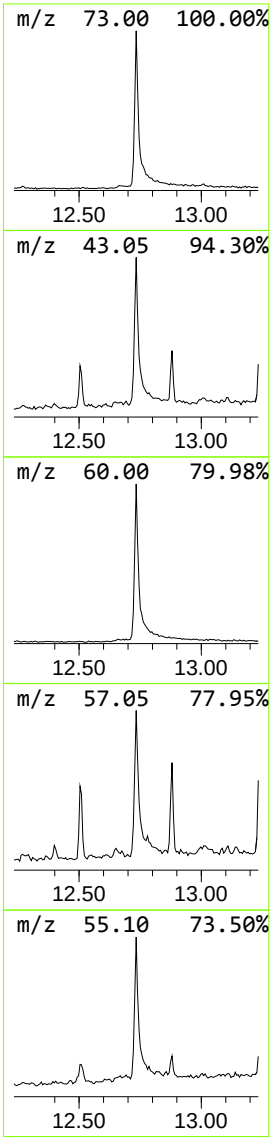
Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	17.50 ng	1062640	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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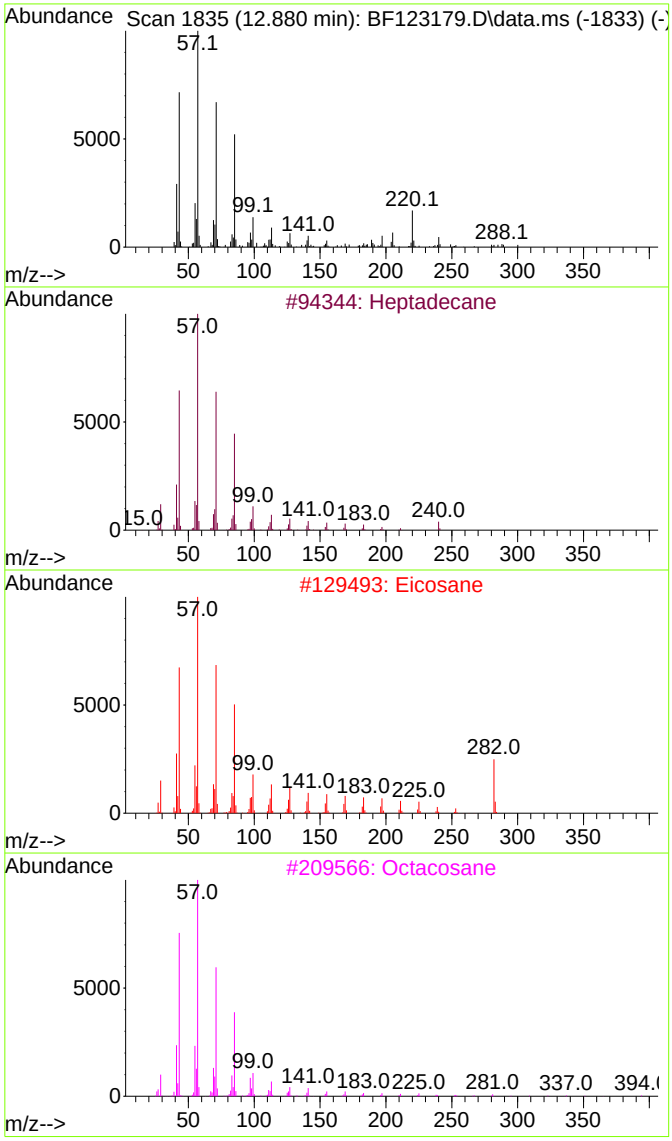
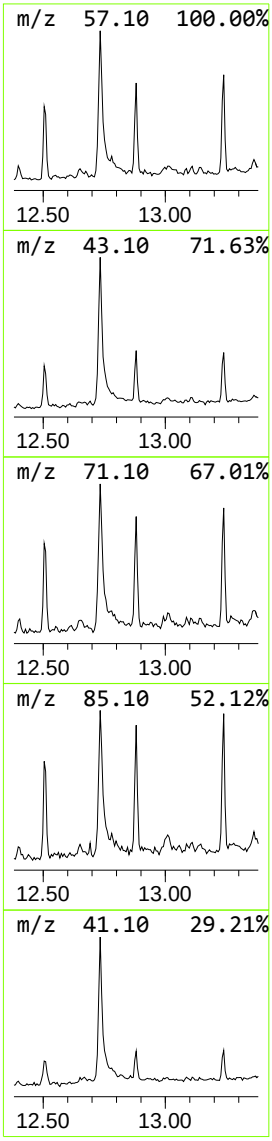
Peak Number 4 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	3.27 ng	160921	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Eicosane	282	C20H42	000112-95-8	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Heneicosane	296	C21H44	000629-94-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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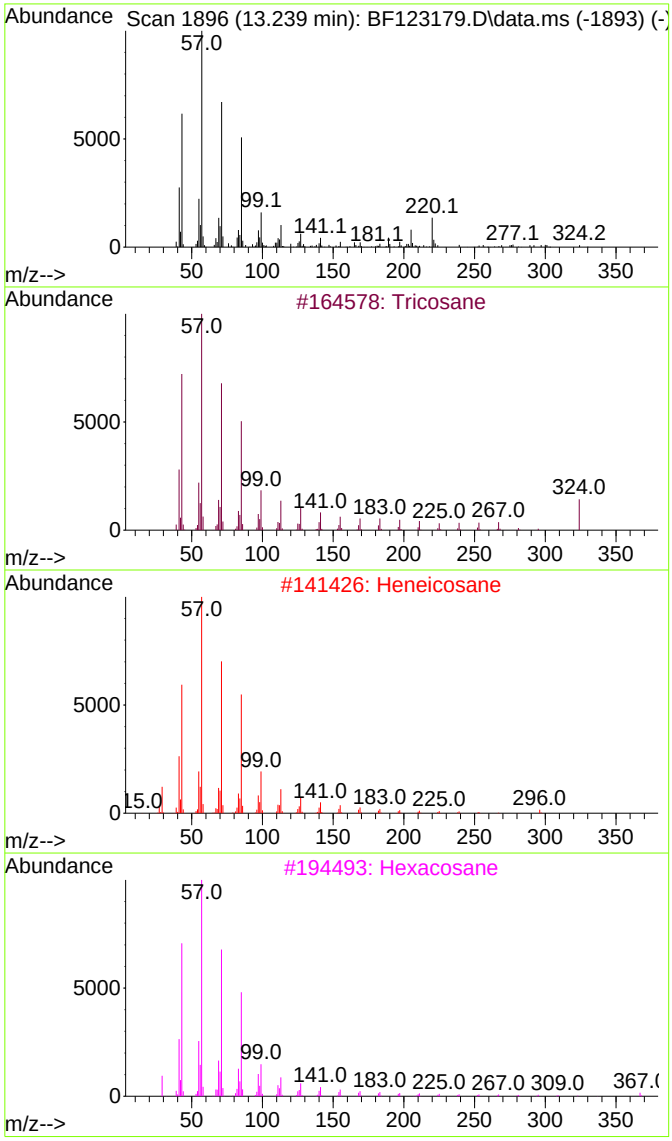
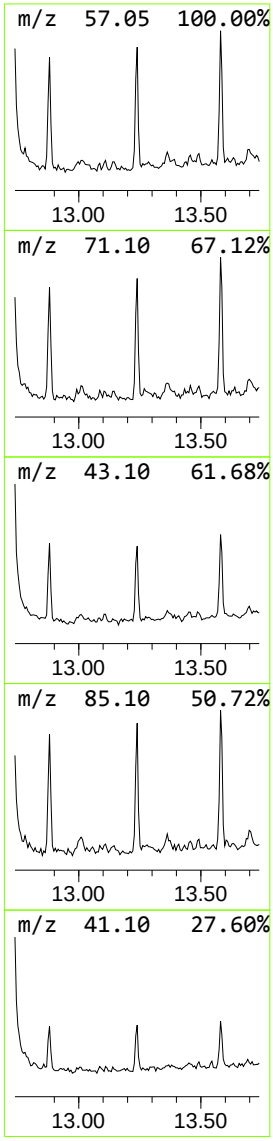
Peak Number 5 Tricosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.18 ng	156755	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Triacontane	422	C30H62	000638-68-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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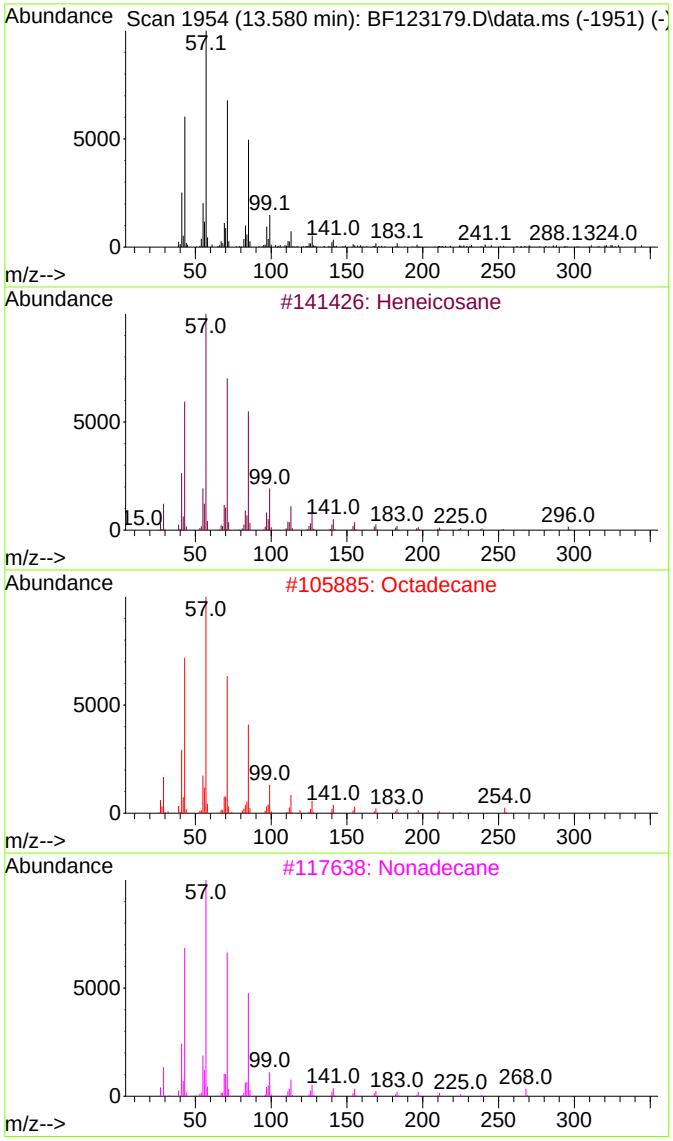
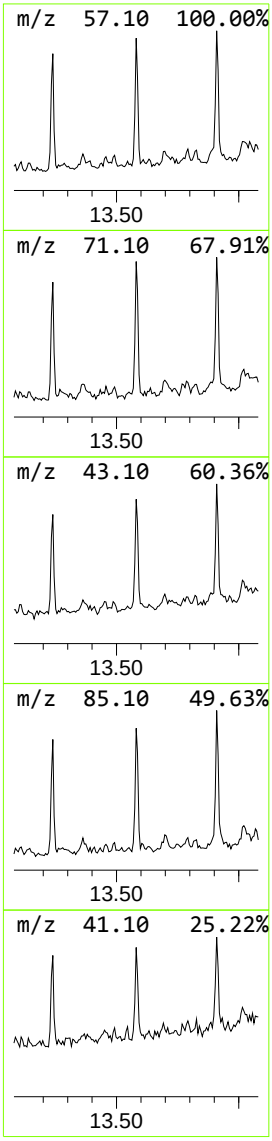
Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	3.49 ng	171729	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octadecane	254	C18H38	000593-45-3	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Octacosane	394	C28H58	000630-02-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-020921

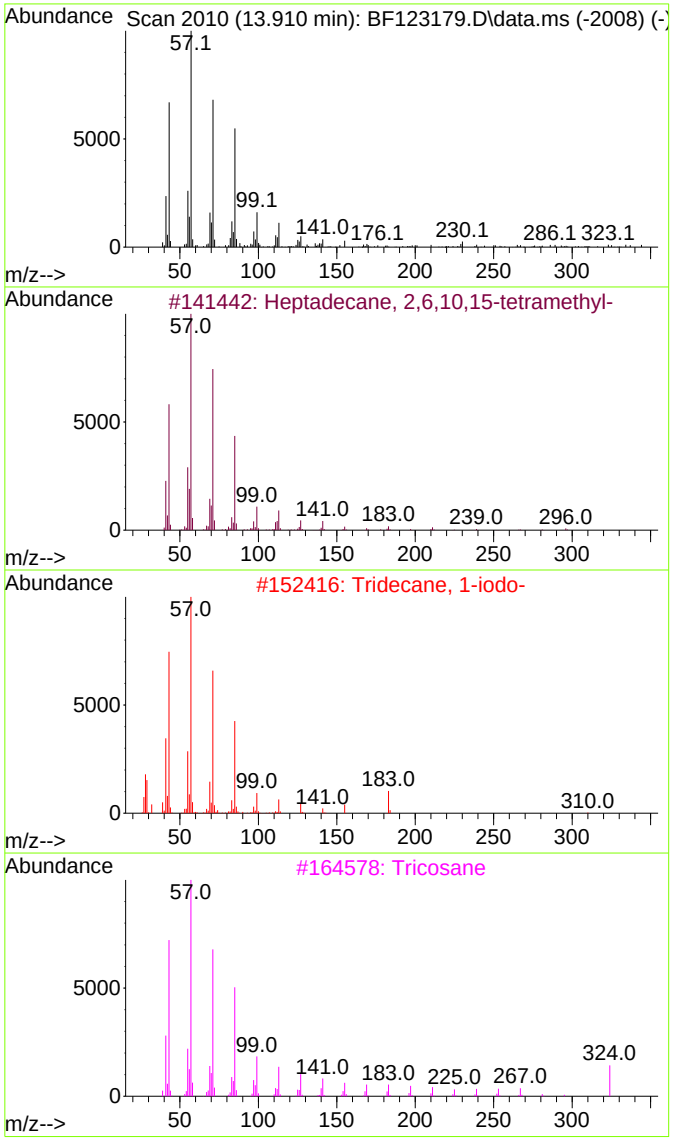
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

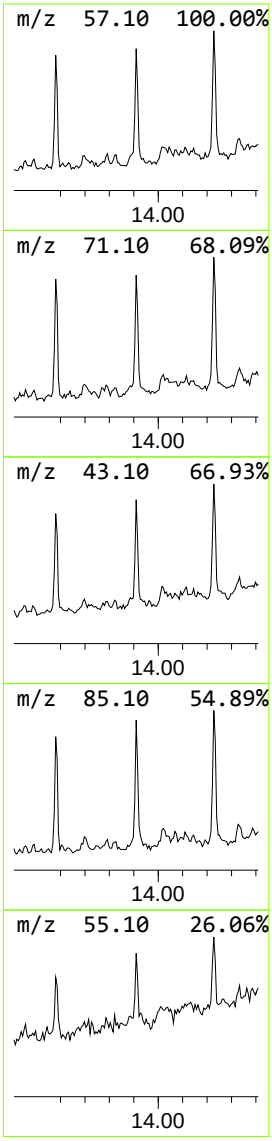
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.95 ng	194616	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Tricosane	324	C23H48	000638-67-5	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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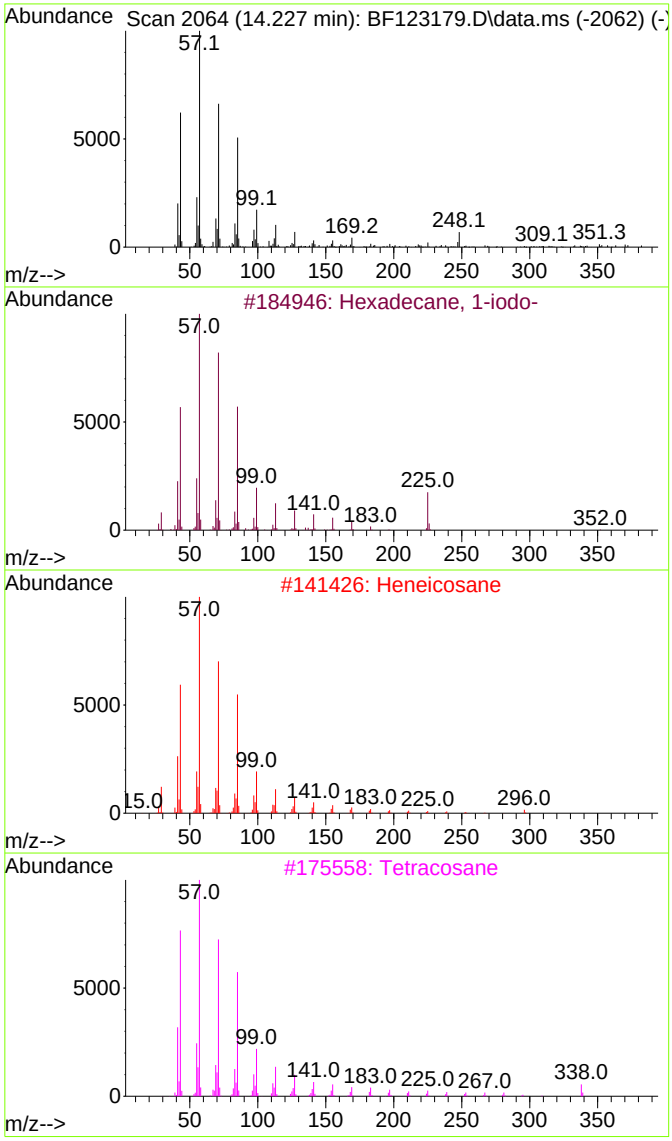
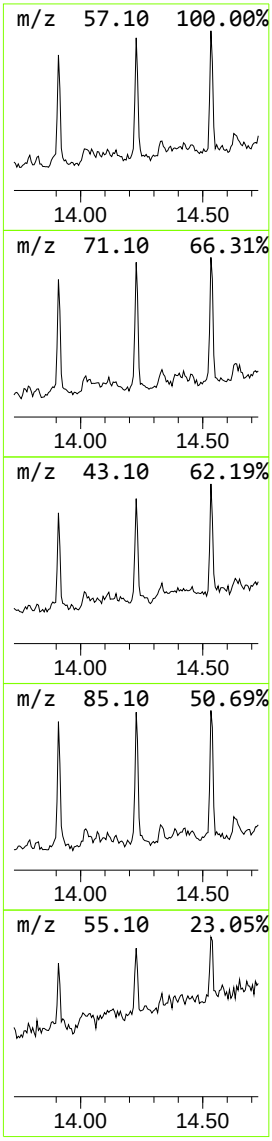
Peak Number 8 Hexadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.227	3.61 ng	177611	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Docosane	310	C22H46	000629-97-0	86





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Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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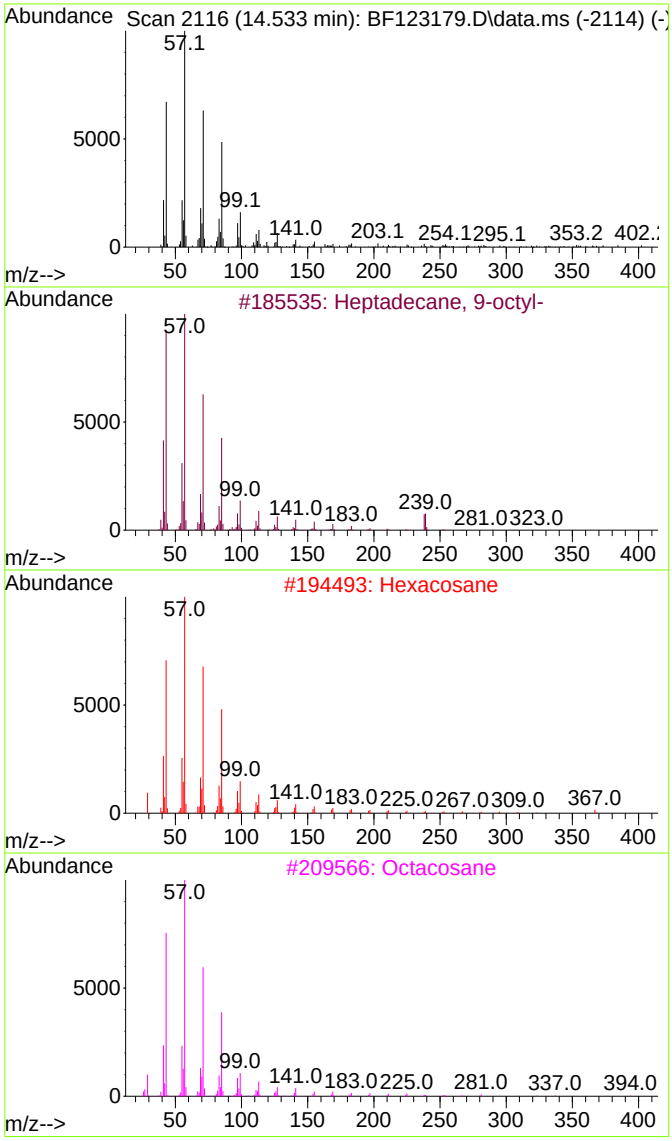
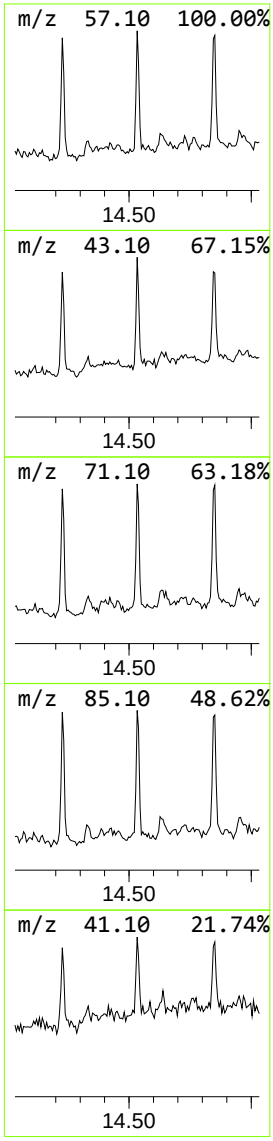
Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	3.87 ng	190443	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	87





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Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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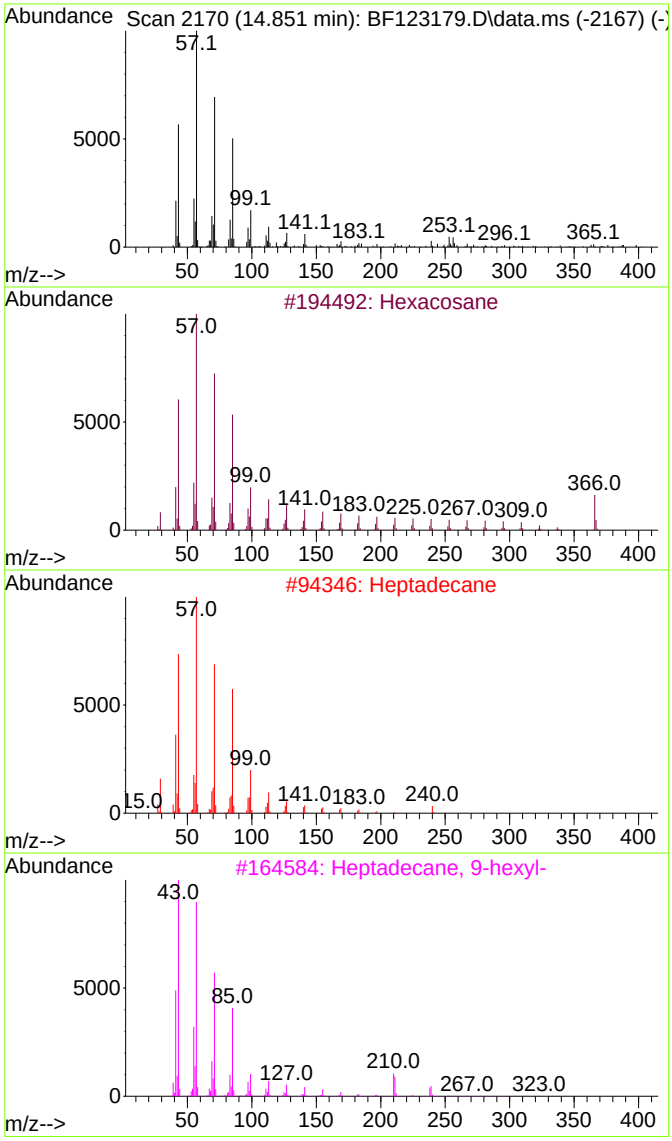
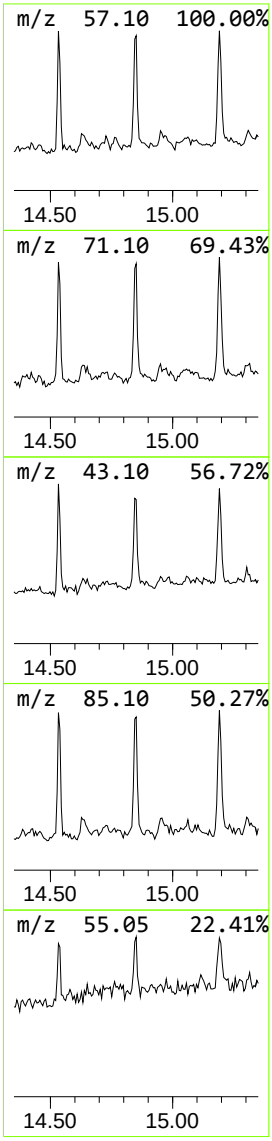
Peak Number 10 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	3.63 ng	167548	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4	Heneicosane	296	C21H44	000629-94-7	93
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





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Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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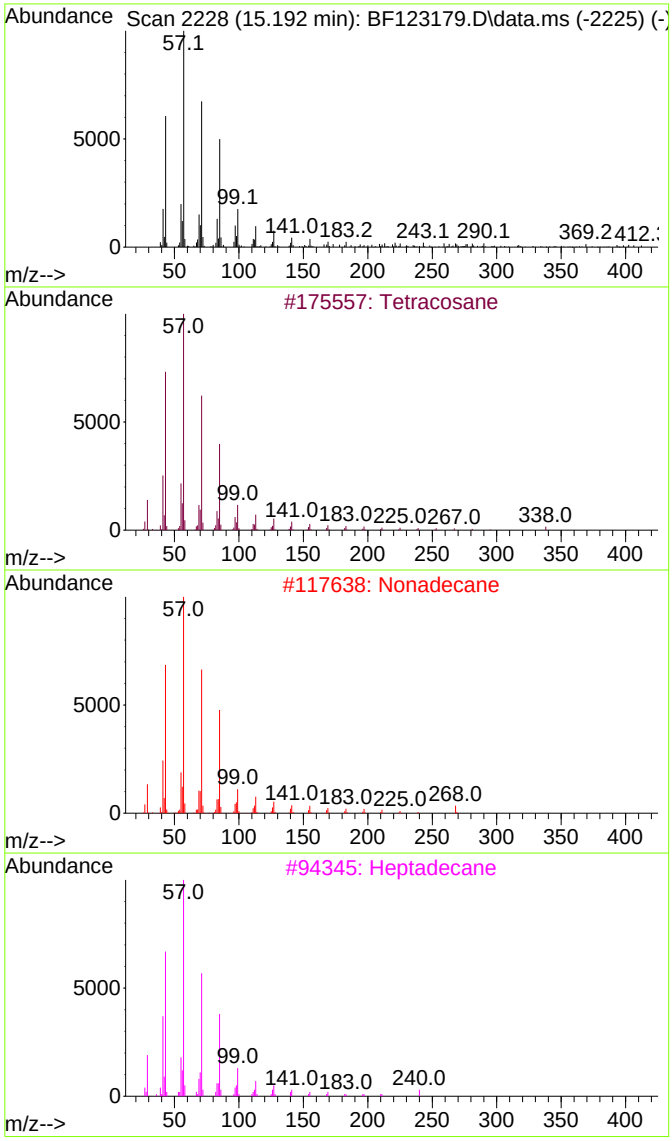
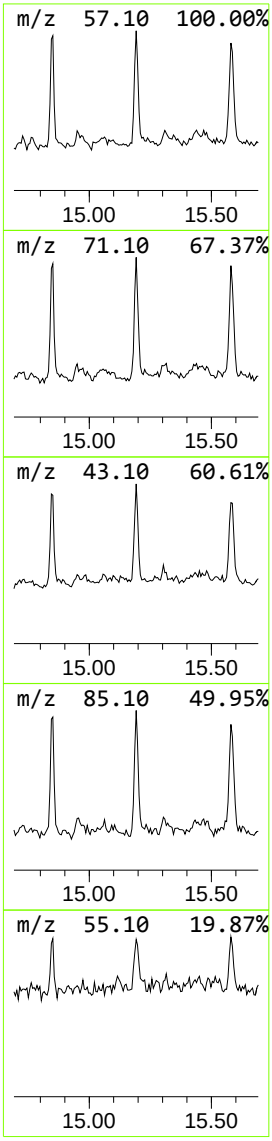
Peak Number 11 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	6.26 ng	289042	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123179.D
Acq On : 10 Feb 2021 20:00
Operator : JU/CG
Sample : M1338-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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
n-Hexadecanoic ...	11.945	11.1	ng	674481	4	11.416	1214500	20.0
Heptadecane	12.504	3.6	ng	216733	4	11.416	1214500	20.0
Octadecanoic acid	12.733	17.5	ng	1062640	4	11.416	1214500	20.0
Eicosane	12.880	3.3	ng	160921	5	14.063	984955	20.0
Tricosane	13.239	3.2	ng	156755	5	14.063	984955	20.0
Heneicosane	13.580	3.5	ng	171729	5	14.063	984955	20.0
Heptadecane, 2,...	13.910	4.0	ng	194616	5	14.063	984955	20.0
Hexadecane, 1-i...	14.227	3.6	ng	177611	5	14.063	984955	20.0
Heptadecane, 9-...	14.533	3.9	ng	190443	5	14.063	984955	20.0
Hexacosane	14.851	3.6	ng	167548	6	15.551	923903	20.0
Tetracosane	15.192	6.3	ng	289042	6	15.551	923903	20.0