LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119206.D
Acq On : 4 Mar 2020 20:52
Operator : CG/JU
Sample : L1772-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-9

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-BF022020.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	5.381	556	560	582	rBV	2561106	2618596	84.43%	11.215%
2	6.404	730	734	751	rBV	2549709	2545790	82.08%	10.903%
3	6.581	761	764	772	rBV	28538	34022	1.10%	0.146%
4	6.739	788	791	800	rVB	826501	730292	23.55%	3.128%
5	6.898	814	818	822	rBV	2659991	2325859	74.99%	9.961%
6	7.304	883	887	898	rBV	1625392	1610551	51.93%	6.898%
7	8.022	1005	1009	1029	rBV	1011869	897554	28.94%	3.844%
8	9.098	1187	1192	1195	rBV	3517476	3101517	100.00%	13.283%
9	9.492	1255	1259	1267	rBV	422854	383378	12.36%	1.642%
10	9.639	1281	1284	1288	rVB	45452	41351	1.33%	0.177%
11	9.775	1303	1307	1312	rBV	1077742	902216	29.09%	3.864%
12	10.569	1438	1442	1453	rBV	1734397	1618928	52.20%	6.934%
13	11.263	1556	1560	1563	rBV	833582	792444	25.55%	3.394%
14	11.339	1566	1573	1576	rVB	44416	54511	1.76%	0.233%
15	11.792	1646	1650	1656	rBV	164406	192322	6.20%	0.824%
16	11.874	1661	1664	1672	rVB	42516	55214	1.78%	0.236%
17	12.474	1763	1766	1770	rBV	185096	175427	5.66%	0.751%
18	12.574	1779	1783	1788	rBV	66937	93157	3.00%	0.399%
19	12.704	1799	1805	1811	rBV	184694	198769	6.41%	0.851%
20	12.839	1824	1828	1832	rBV	2794540	2703726	87.17%	11.580%
21	13.139	1876	1879	1882	rBV	34533	38071	1.23%	0.163%
22	13.739	1977	1981	1990	rBV3	229323	360975	11.64%	1.546%
23	13.868	2000	2003	2005	rBV	297706	274425	8.85%	1.175%
24	13.898	2005	2008	2012	rVB	719103	728613	23.49%	3.121%
25	14.368	2084	2088	2093	rBV5	82187	187303	6.04%	0.802%
26	15.333	2248	2252	2262	rVB	496798	684052	22.06%	2.930%

Sum of corrected areas: 23349063

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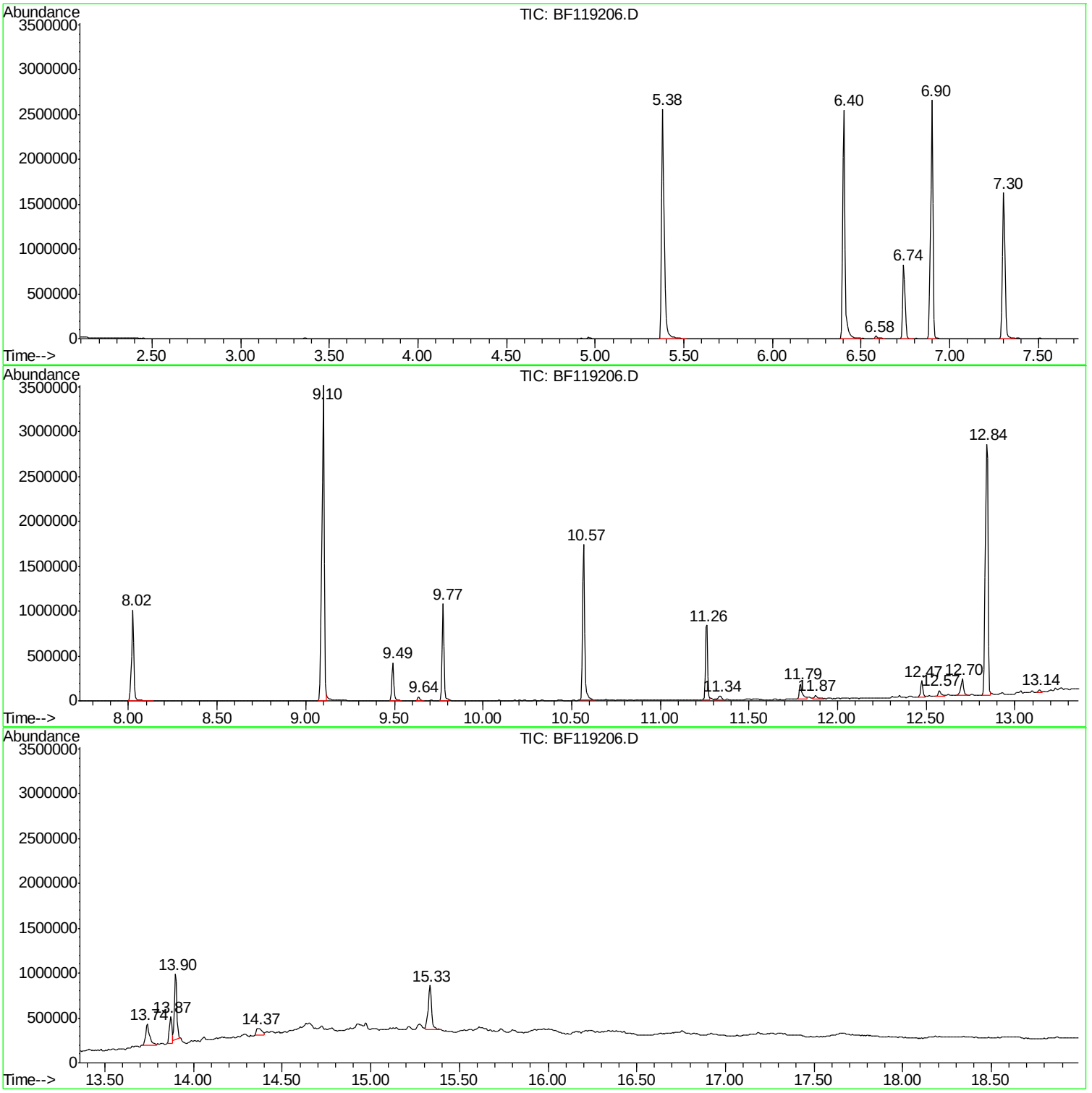
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119206.D
Acq On : 4 Mar 2020 20:52
Operator : CG/JU
Sample : L1772-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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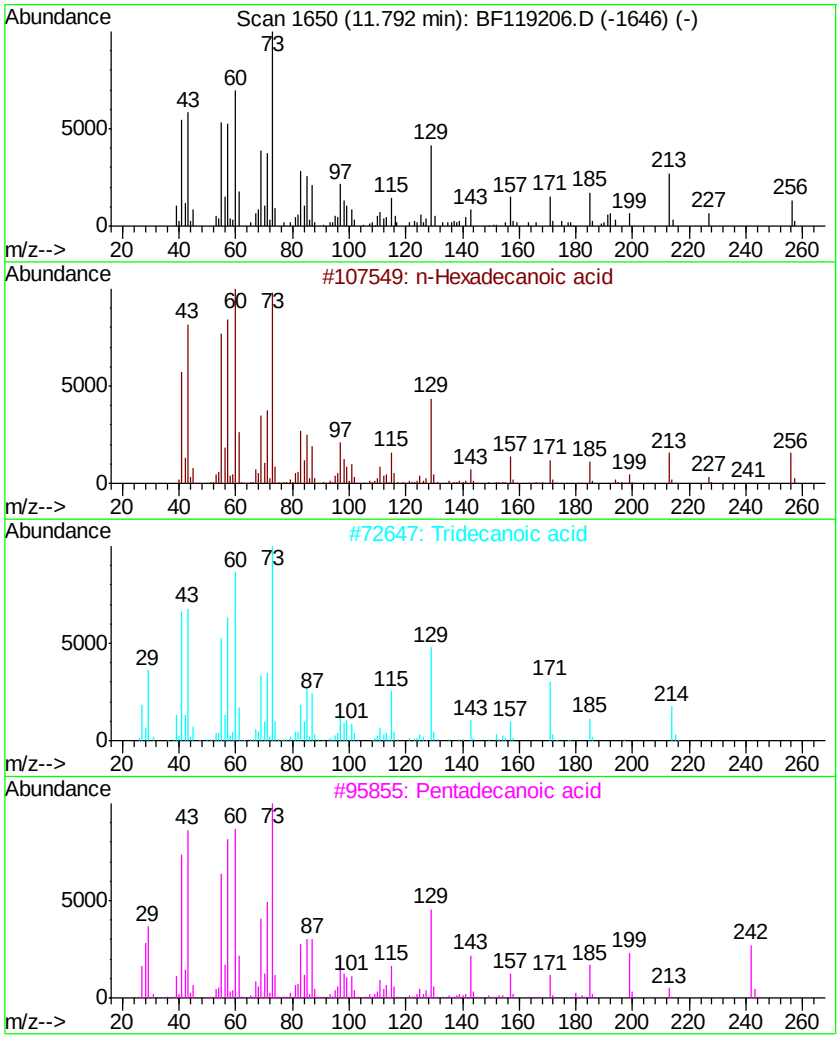
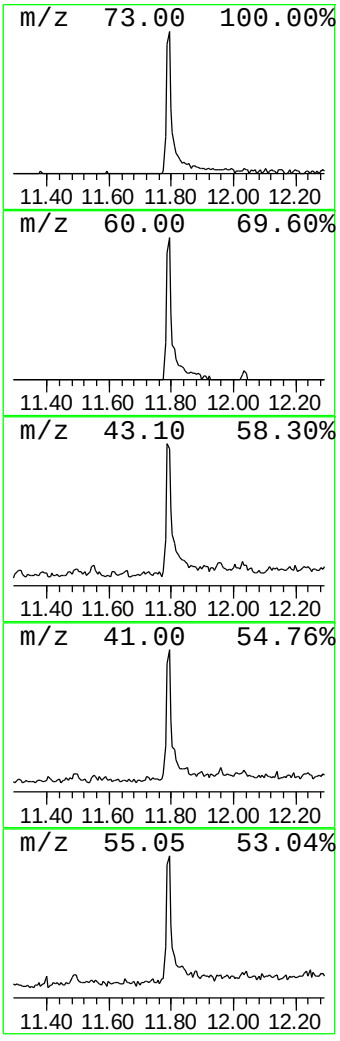
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.85 ng	192322	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Instrument : BNA_F
ClientSampleId : EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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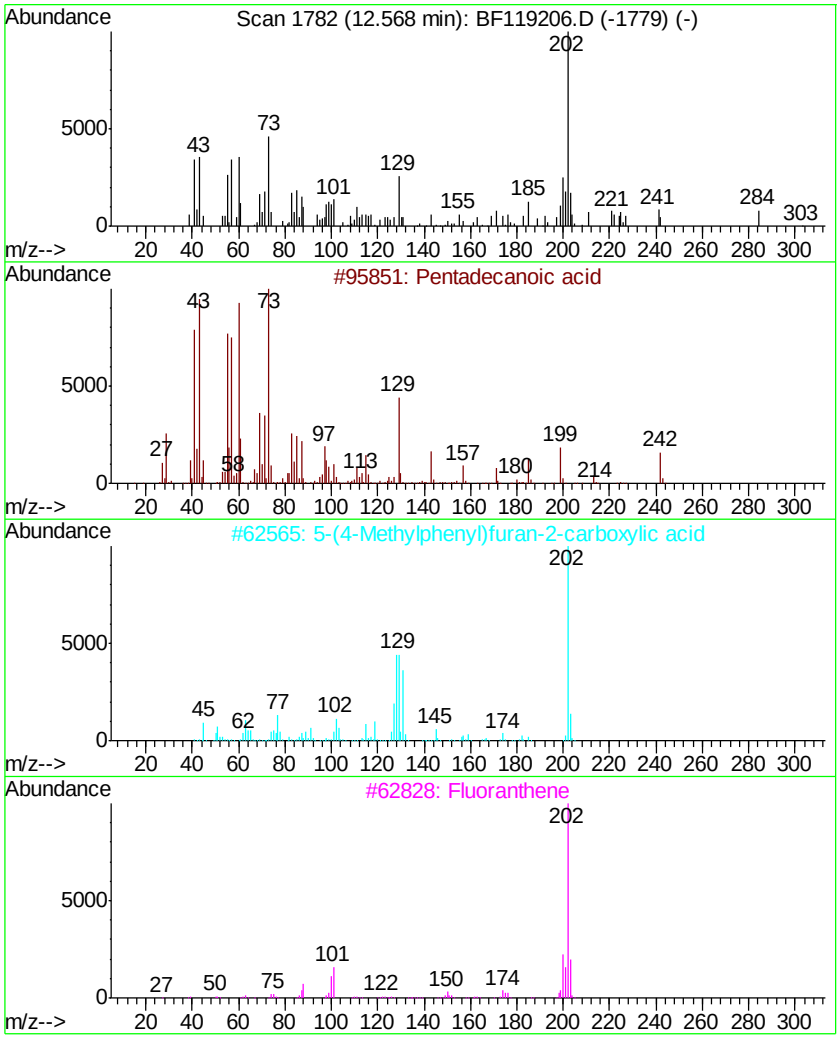
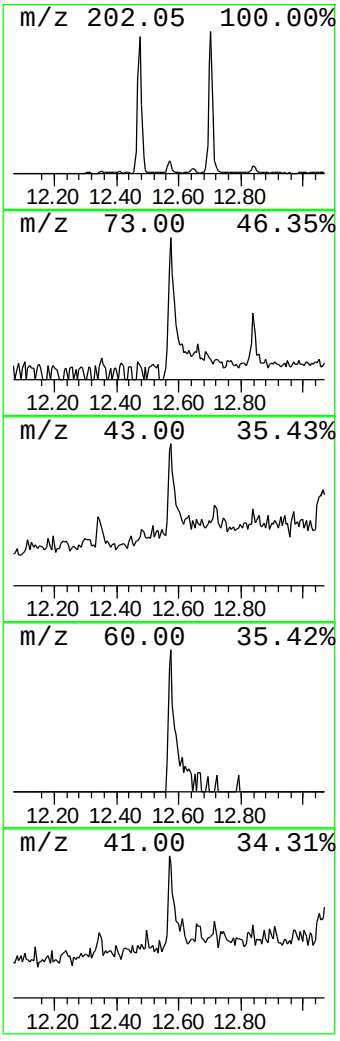
Peak Number 3 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.35 ng	93157	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	51
2	5-(4-Methylphenyl)furan-2-carbox...	202	C12H10O3	1000305-27-5	38
3	Fluoranthene	202	C16H10	000206-44-0	38
4	Octadecanoic acid	284	C18H36O2	000057-11-4	35
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	30





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Operator : CG/JU
Sample : L1772-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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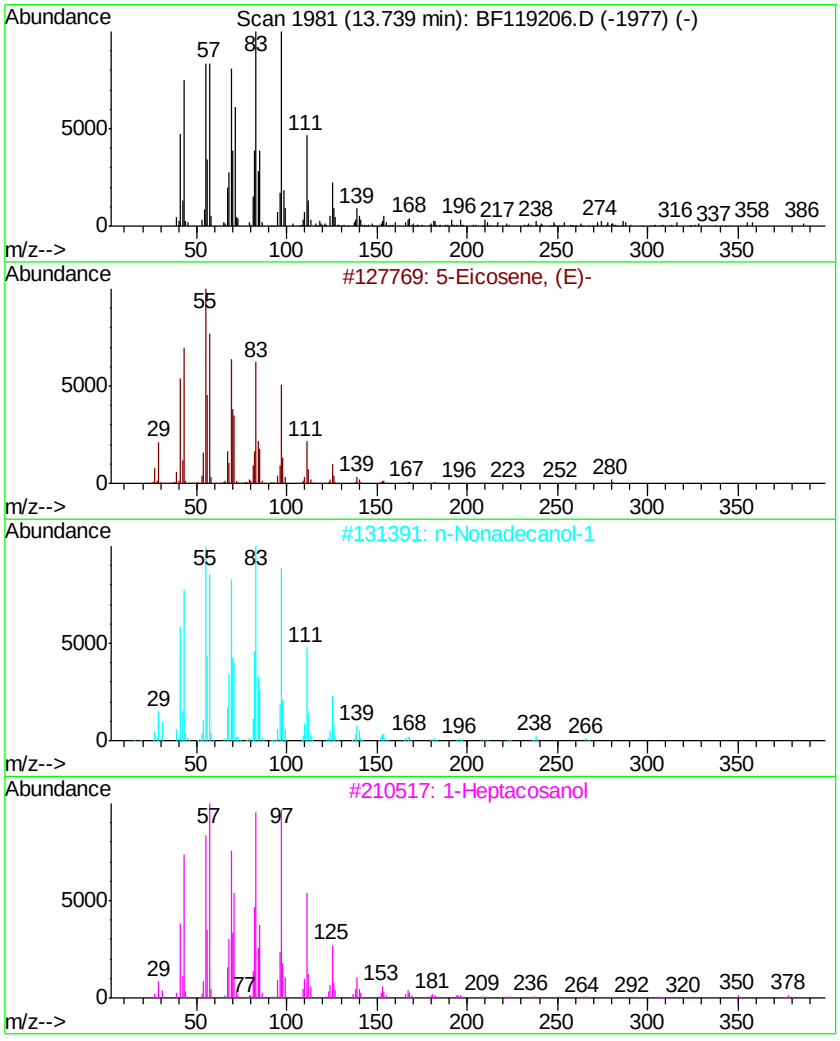
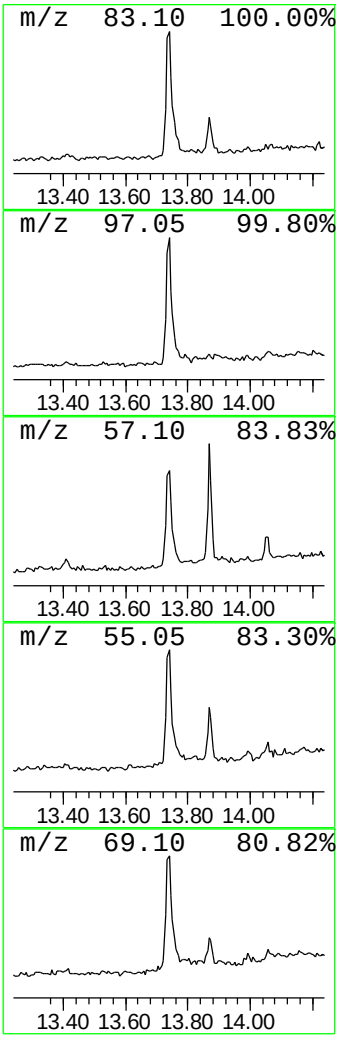
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	9.91 ng	360975	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Instrument : BNA_F
ClientSampleId : EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Integration Parameters: LSCINT.P

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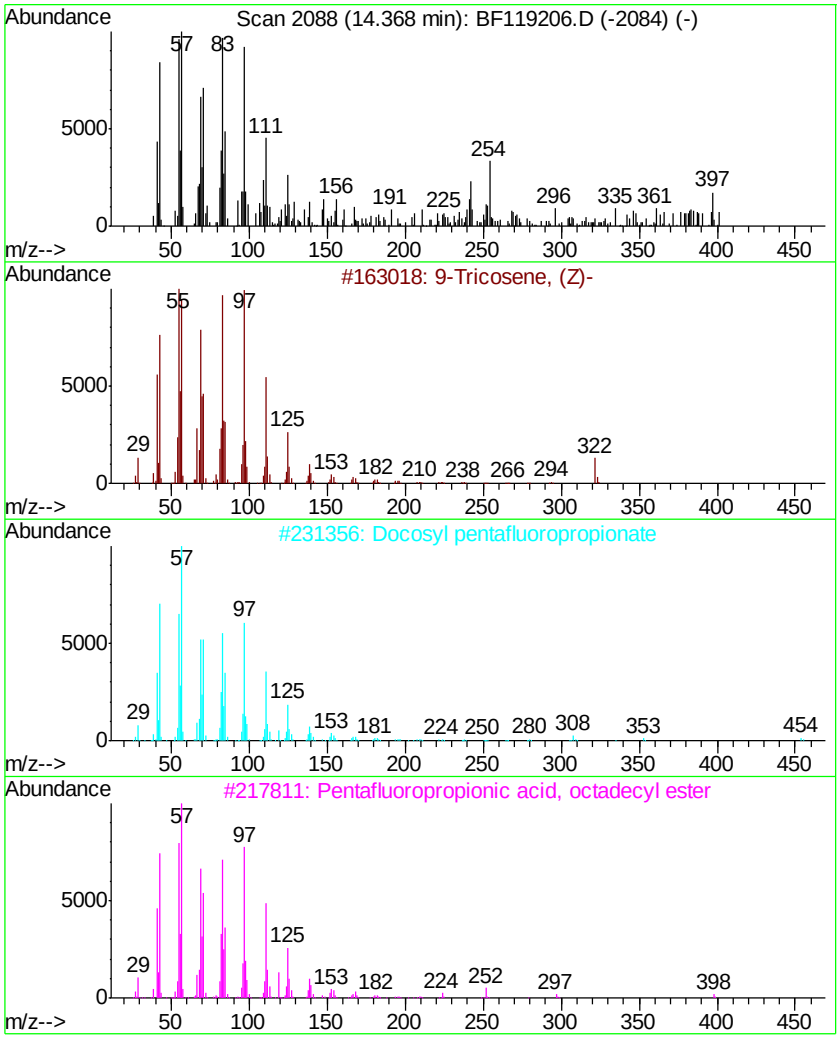
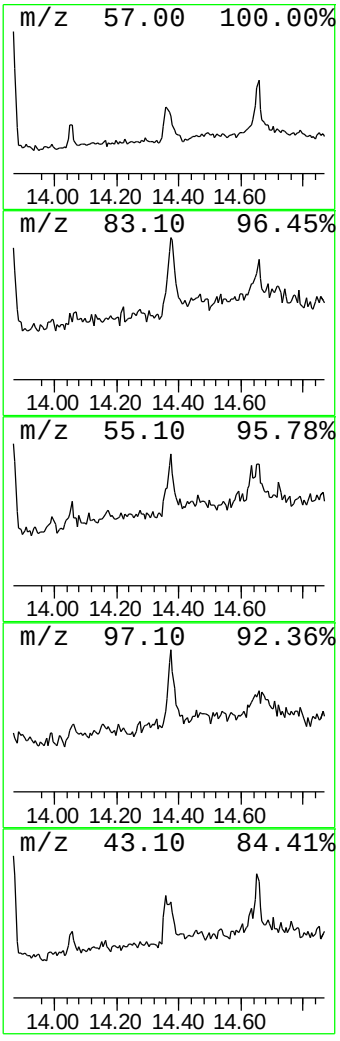
Peak Number 5 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.14 ng	187303	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	89
5	Behenic alcohol	326	C22H46O	000661-19-8	89





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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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 acid	11.79	4.8	ng	192322	4	11.26	792444	20.0
Pentadecanoic acid	12.57	2.4	ng	93157	4	11.26	792444	20.0
5-Eicosene, (E)-	13.74	9.9	ng	360975	5	13.90	728613	20.0
9-Tricosene, (Z)-	14.37	5.1	ng	187303	5	13.90	728613	20.0