LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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	5.387	557	561	580	rBV	938714	1765594	7.41%	2.672%
2	5.522	580	584	615	rVB	184143	928516	3.90%	1.405%
3	6.404	730	734	761	rBV	96644	337804	1.42%	0.511%
4	6.645	771	775	790	rBV	334550	1403583	5.89%	2.124%
5	6.751	790	793	803	rVB	1339345	1329603	5.58%	2.012%
6	6.910	815	820	823	rBV	4161247	4013926	16.84%	6.075%
7	7.316	883	889	893	rBV	2585973	3154507	13.23%	4.775%
8	7.504	909	921	923	rBV	8994436	23837533	100.00%	36.080%
9	8.034	1006	1011	1015	rBV	1474280	1476673	6.19%	2.235%
10	9.110	1188	1194	1197	rBV	6009090	6452172	27.07%	9.766%
11	9.498	1256	1260	1264	rBV	381563	367578	1.54%	0.556%
12	9.786	1300	1309	1312	rBV	1856018	1858338	7.80%	2.813%
13	10.575	1437	1443	1457	rBV	4396808	4554281	19.11%	6.893%
14	11.269	1556	1561	1567	rBV	2184898	1928152	8.09%	2.918%
15	11.804	1647	1652	1664	rBV2	868771	970857	4.07%	1.469%
16	12.586	1781	1785	1798	rBV	505879	653077	2.74%	0.988%
17	12.851	1825	1830	1834	rBV	5743739	6351555	26.65%	9.613%
18	13.745	1978	1982	1998	rBV	489436	727341	3.05%	1.101%
19	13.904	2005	2009	2015	rVB	1875415	1719940	7.22%	2.603%
20	14.986	2189	2193	2197	rBV	242353	255998	1.07%	0.387%
21	15.327	2246	2251	2264	rBV	1142518	1738464	7.29%	2.631%
22	15.751	2317	2323	2329	rBV	163934	243785	1.02%	0.369%

Sum of corrected areas: 66069277

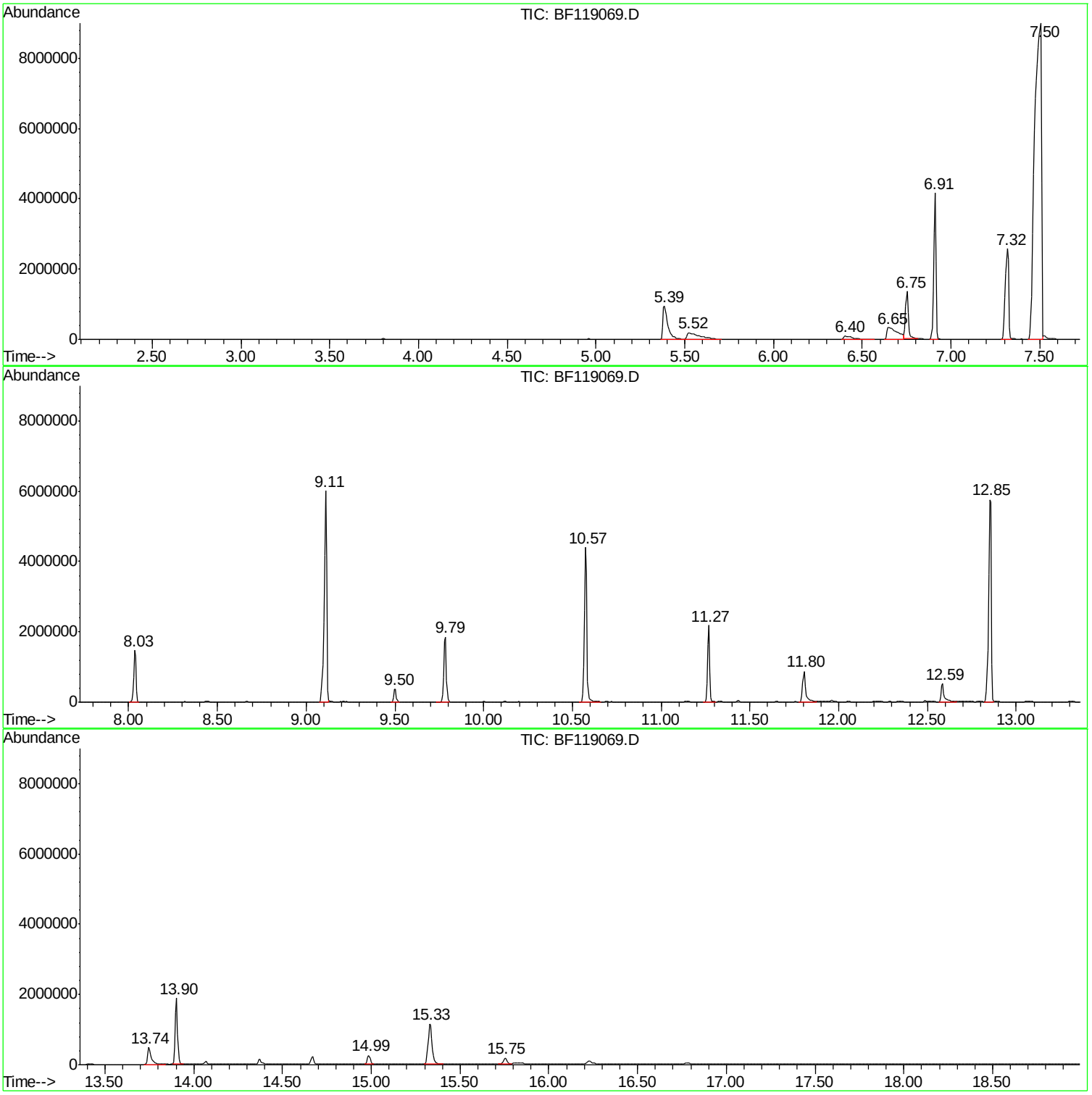
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0178-COMP-SL-B-ELUTRIATE

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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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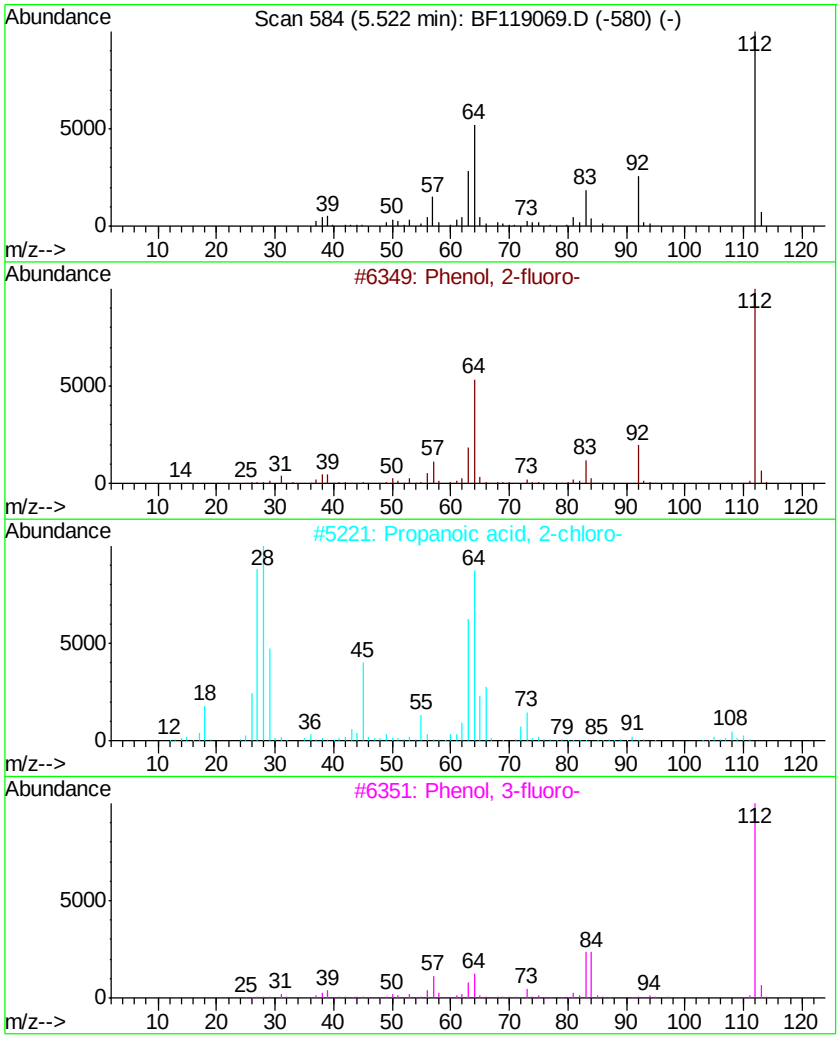
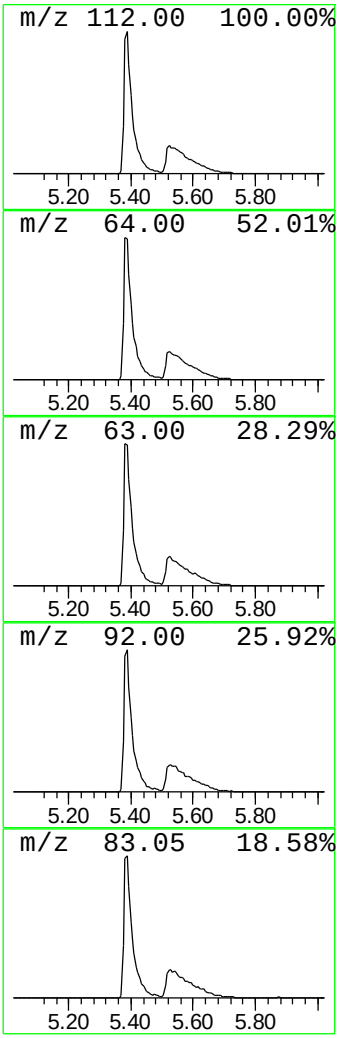
Peak Number 1 Phenol, 2-fluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	13.97 ng	928516	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-fluoro-	112	C6H5FO	000367-12-4	91
2	Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	28
3	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	22
5	1,4-Cyclohexanedione	112	C6H8O2	000637-88-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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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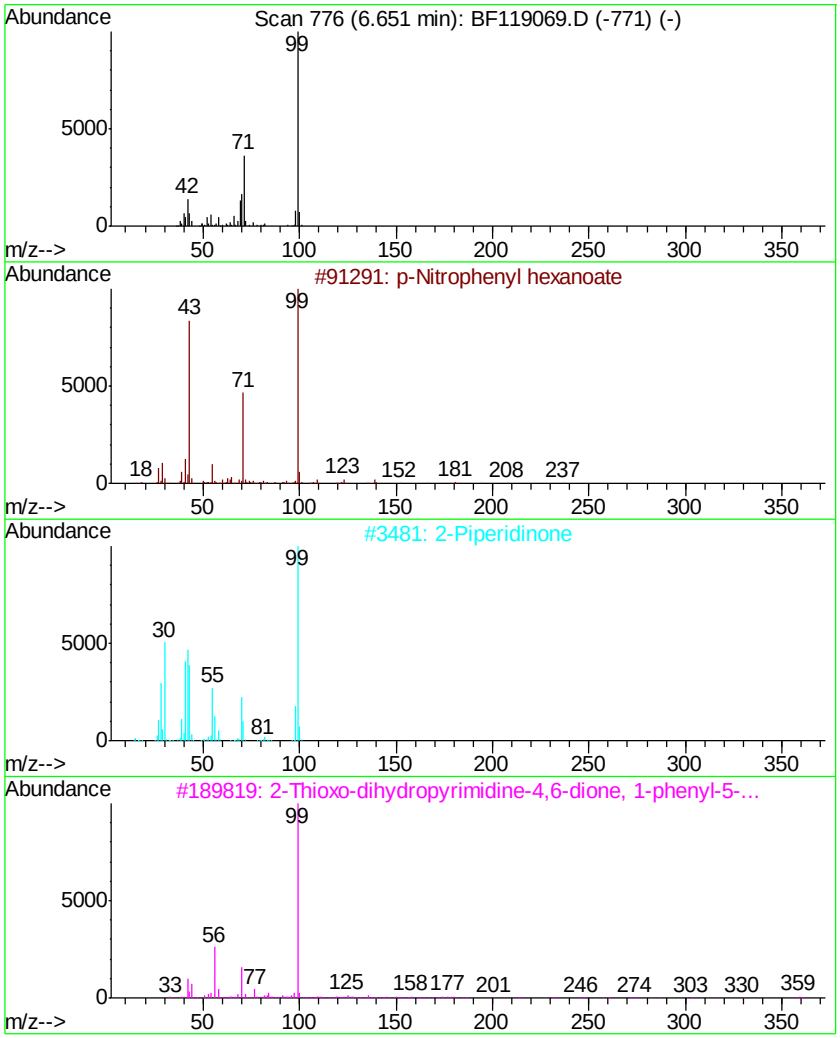
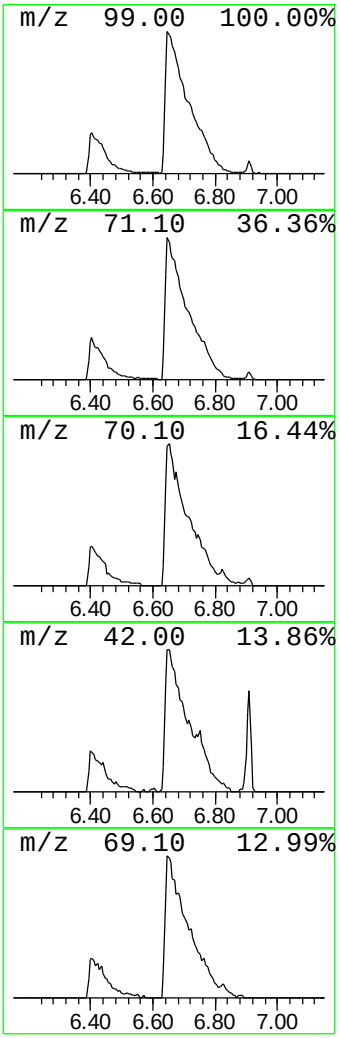
Peak Number 2 p-Nitrophenyl hexanoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	21.11 ng	1403580	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Nitrophenyl hexanoate	237	C12H15NO4	000956-75-2	53
2	2-Piperidinone	99	C5H9NO	000675-20-7	53
3	2-Thioxo-dihydropyrimidine-4,6-d...	359	C17H21N5O2S	1000304-28-6	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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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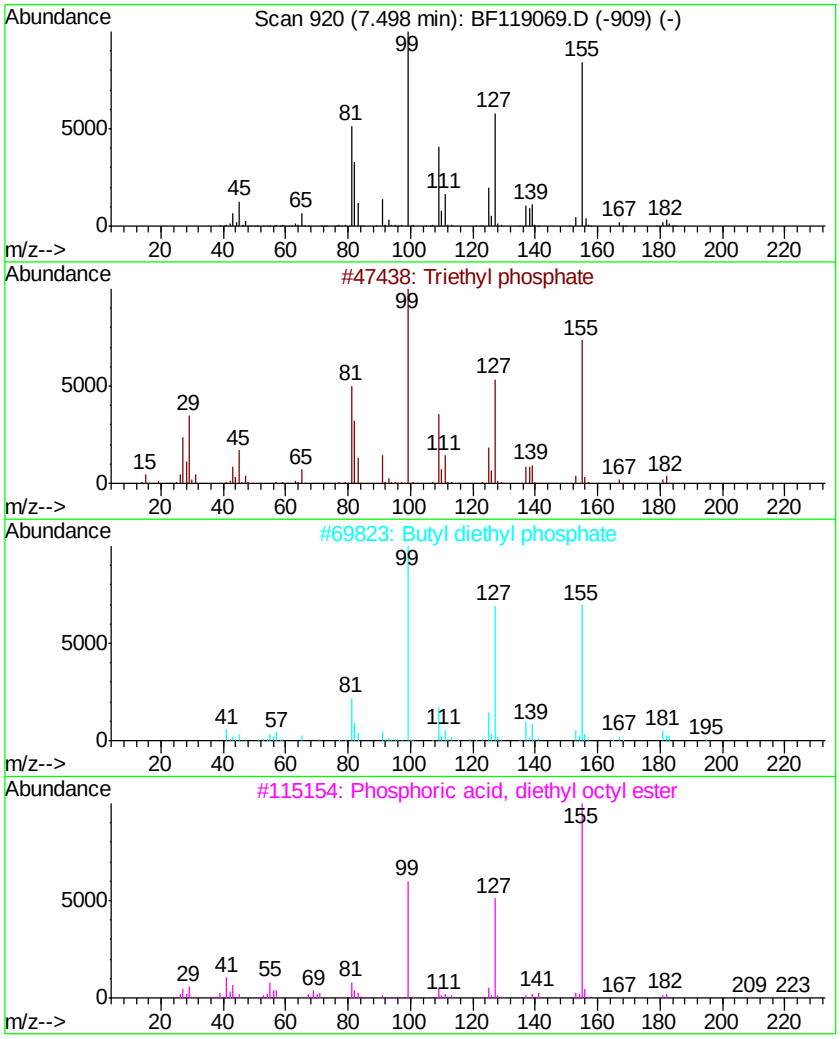
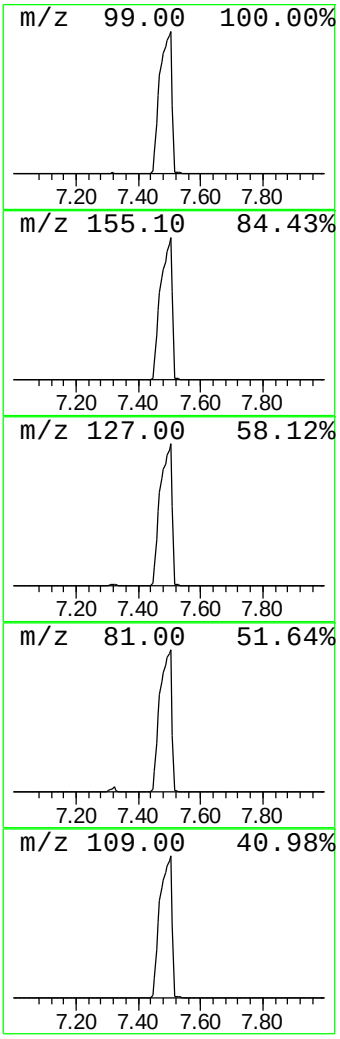
Peak Number 4 Triethyl phosphate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	322.86 ng	23837500	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	97
2	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	64
3	Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	42
4	Diethyl isopropylidenemalonate	200	C10H16O4	006802-75-1	36
5	Phosphoric acid, diethyl pentyl ...	224	C9H21O4P	020195-08-8	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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

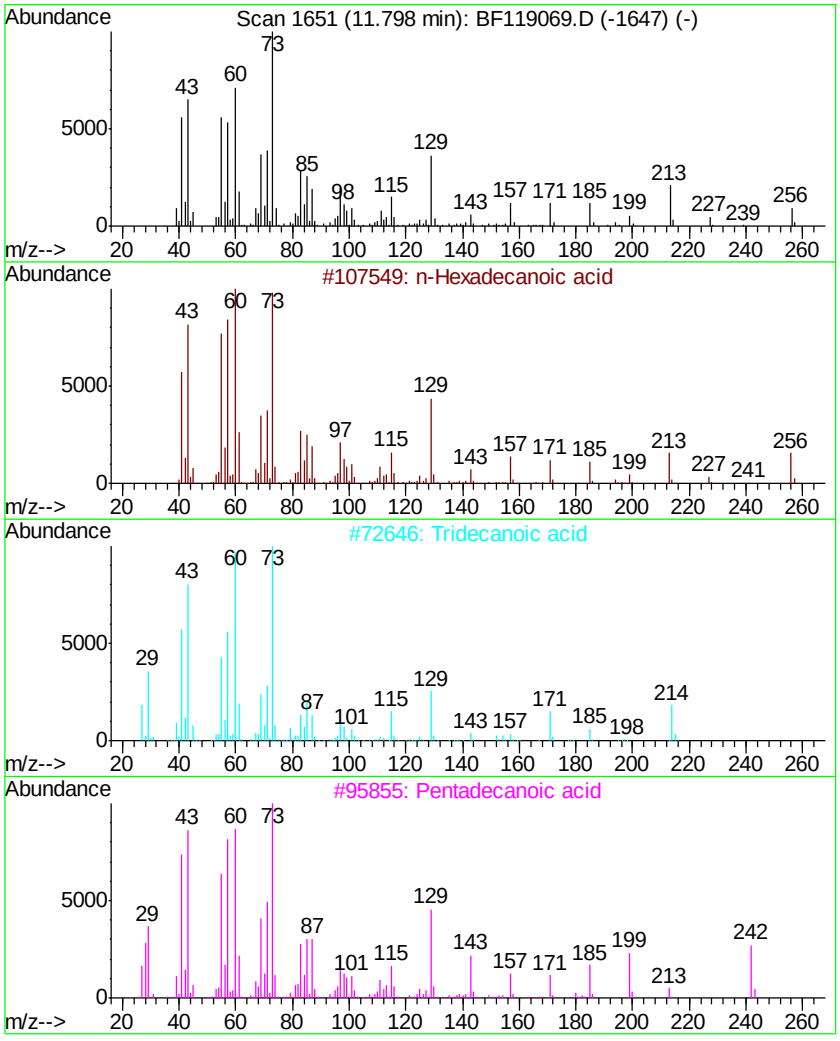
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

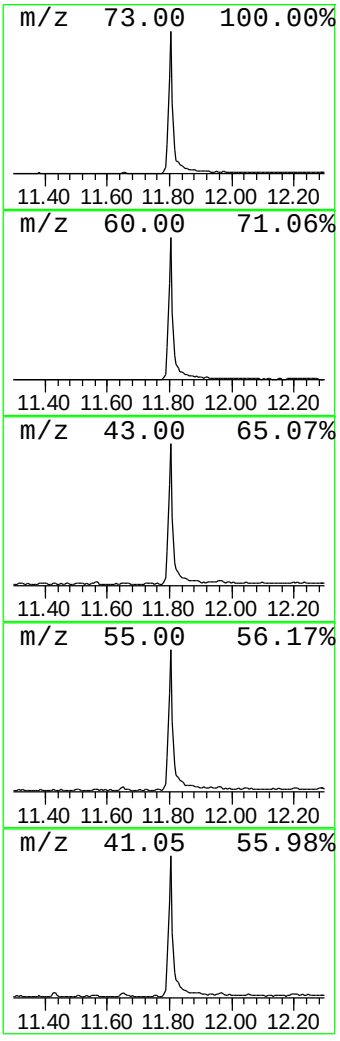
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	10.07 ng	970857	Phenanthrene-d10	11.27

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	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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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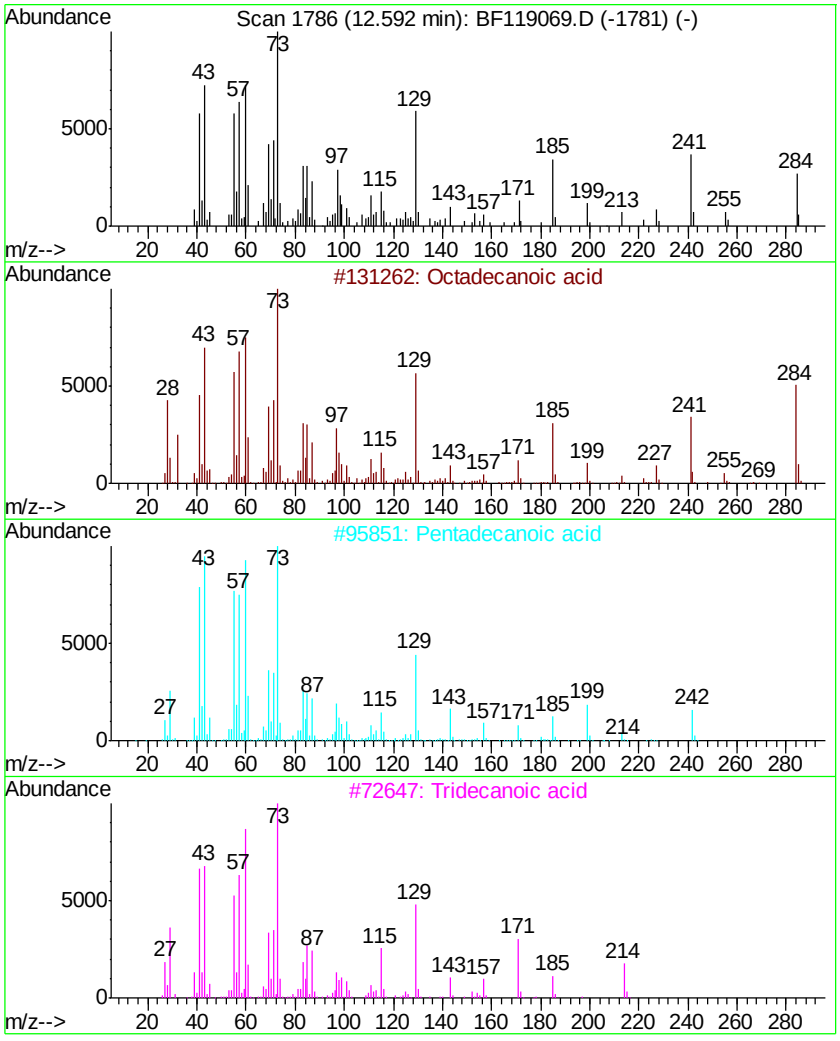
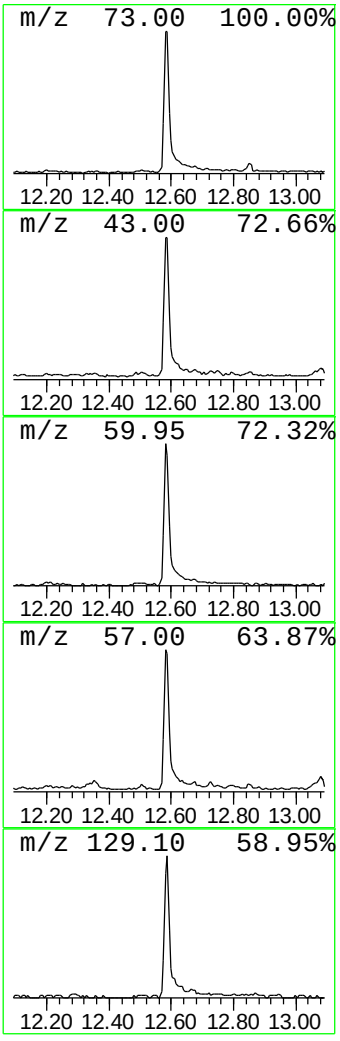
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	7.59 ng	653077	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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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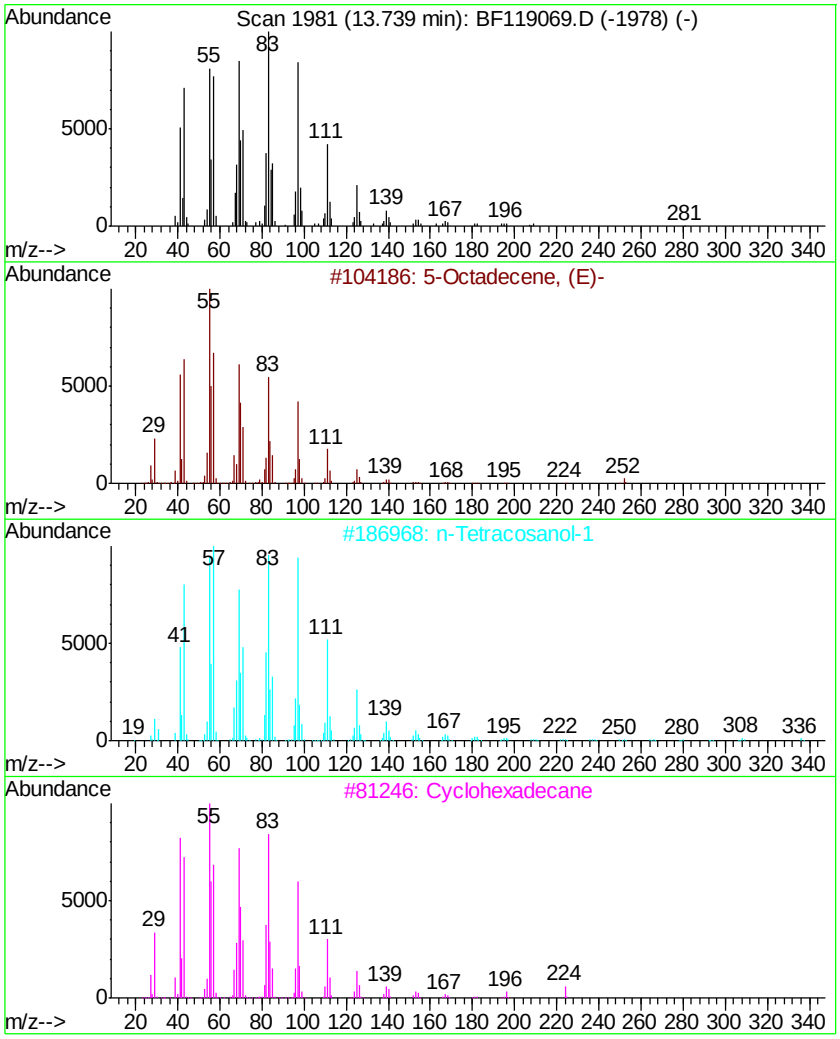
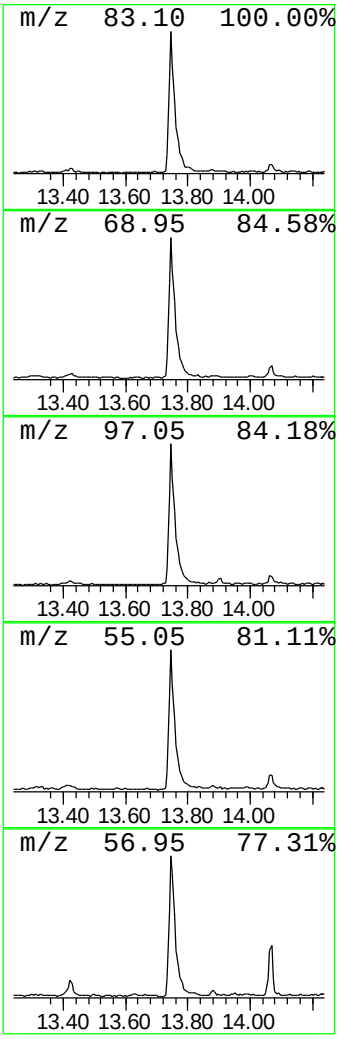
Peak Number 7 5-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	8.46 ng	727341	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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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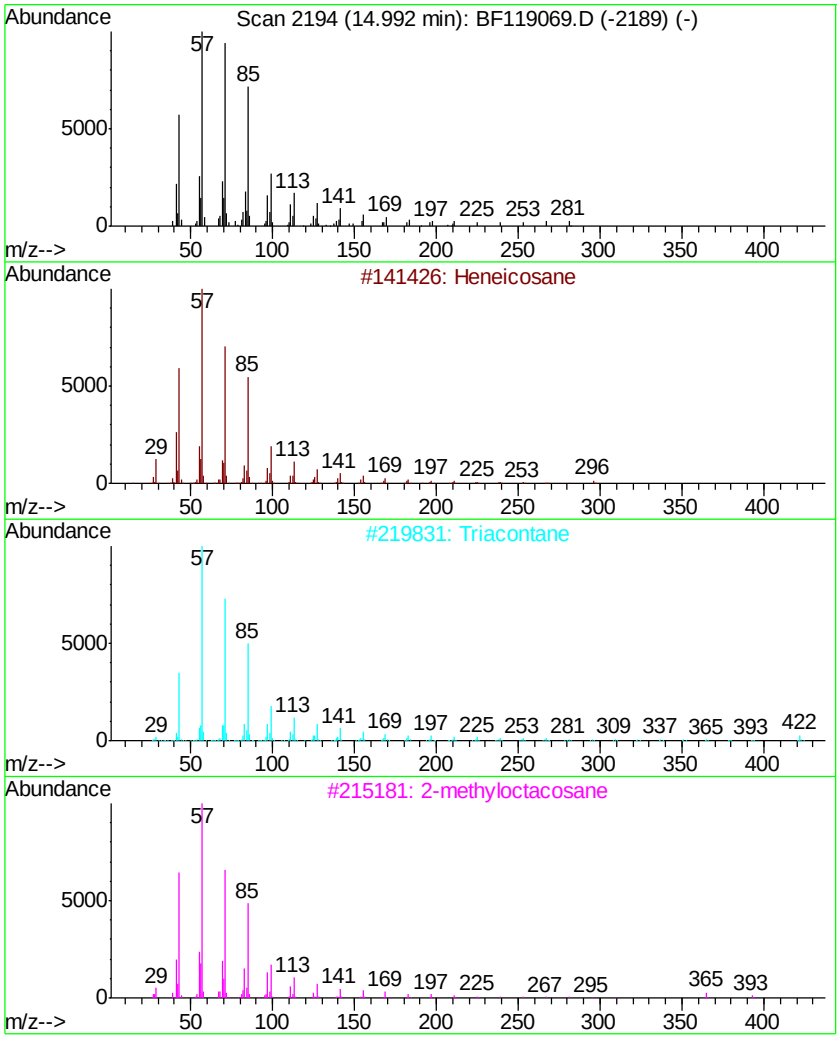
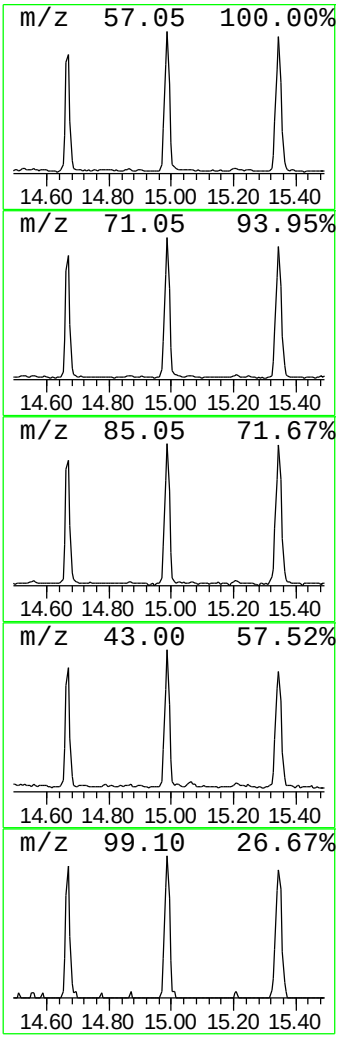
Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.95 ng	255998	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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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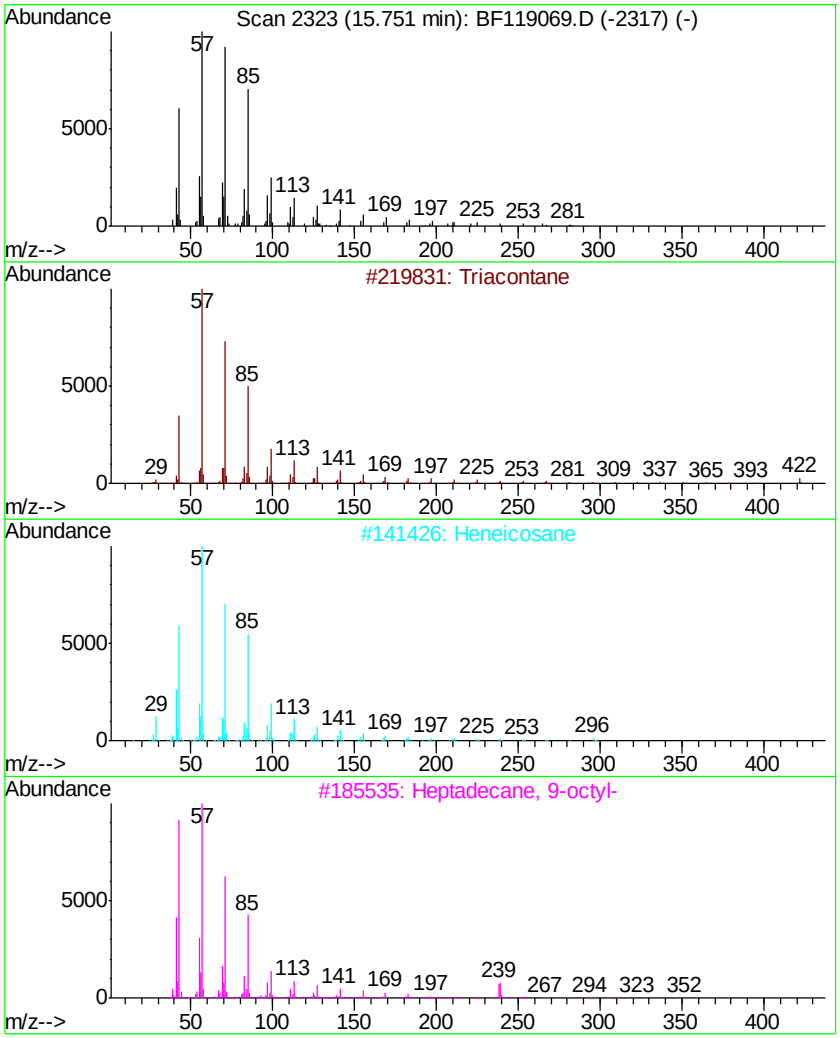
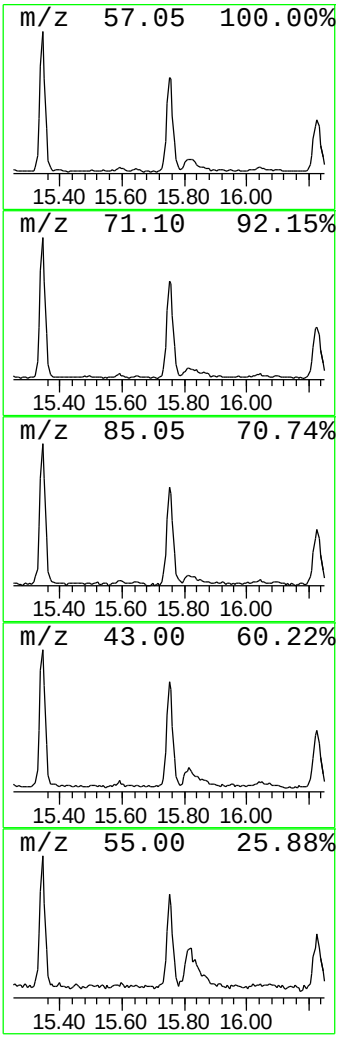
Peak Number 9 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.80 ng	243785	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022520\
Data File : BF119069.D
Acq On : 25 Feb 2020 17:19
Operator : CG/JU
Sample : L1602-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0178-COMP-SL-B-ELUTRIATE

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-fluoro-	5.52	14.0	ng	928516	1	6.75	1329600	20.0
p-Nitrophenyl hex...	6.65	21.1	ng	1403580	1	6.75	1329600	20.0
Triethyl phosphate	7.50	322.9	ng	23837500	2	8.03	1476670	20.0
n-Hexadecanoic acid	11.80	10.1	ng	970857	4	11.27	1928150	20.0
Octadecanoic acid	12.59	7.6	ng	653077	5	13.90	1719940	20.0
5-Octadecene, (E)-	13.74	8.5	ng	727341	5	13.90	1719940	20.0
Heneicosane	14.99	3.0	ng	255998	6	15.33	1738460	20.0
Triacontane	15.75	2.8	ng	243785	6	15.33	1738460	20.0