LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119298.D
Acq On : 9 Mar 2020 22:27
Operator : CG/JU
Sample : L1844-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-19-030520

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	4.916	478	481	496	rVB	107904	158032	4.96%	0.780%
2	5.351	552	555	578	rBV	1379868	1739220	54.56%	8.583%
3	6.375	726	729	757	rBV	1599789	1775960	55.71%	8.764%
4	6.722	785	788	797	rVB	616546	531111	16.66%	2.621%
5	6.881	811	815	829	rBV	1718547	1638787	51.41%	8.087%
6	7.286	881	884	898	rBV	1182645	1193221	37.43%	5.889%
7	8.004	1003	1006	1016	rBV	759454	689249	21.62%	3.401%
8	9.080	1185	1189	1192	rBV	2869532	2535790	79.55%	12.514%
9	9.198	1205	1209	1214	rVB	138147	126854	3.98%	0.626%
10	9.475	1253	1256	1265	rVB	333813	293491	9.21%	1.448%
11	9.757	1300	1304	1312	rBV	965699	876940	27.51%	4.328%
12	10.551	1435	1439	1454	rBV	1570024	1733203	54.37%	8.553%
13	10.669	1454	1459	1466	rVB6	21738	39709	1.25%	0.196%
14	11.239	1553	1556	1564	rBV	1066151	976834	30.64%	4.821%
15	11.774	1644	1647	1654	rVB3	56576	69698	2.19%	0.344%
16	12.821	1821	1825	1828	rBV	3580949	3187772	100.00%	15.732%
17	13.721	1973	1978	1997	rBV4	103536	301051	9.44%	1.486%
18	13.880	2002	2005	2014	rVV	913150	923674	28.98%	4.558%
19	14.033	2027	2031	2034	rBV2	57106	50698	1.59%	0.250%
20	14.339	2079	2083	2086	rBV	95117	81945	2.57%	0.404%
21	14.633	2129	2133	2137	rBV	126380	125767	3.95%	0.621%
22	14.945	2182	2186	2192	rVB	132083	140915	4.42%	0.695%
23	15.309	2242	2248	2256	rBV	642787	901424	28.28%	4.449%
24	15.704	2309	2315	2320	rBV	70593	106648	3.35%	0.526%
25	16.168	2389	2394	2400	rVB2	39997	65471	2.05%	0.323%

Sum of corrected areas: 20263464

LSC Report - Integrated Chromatogram

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Misc :
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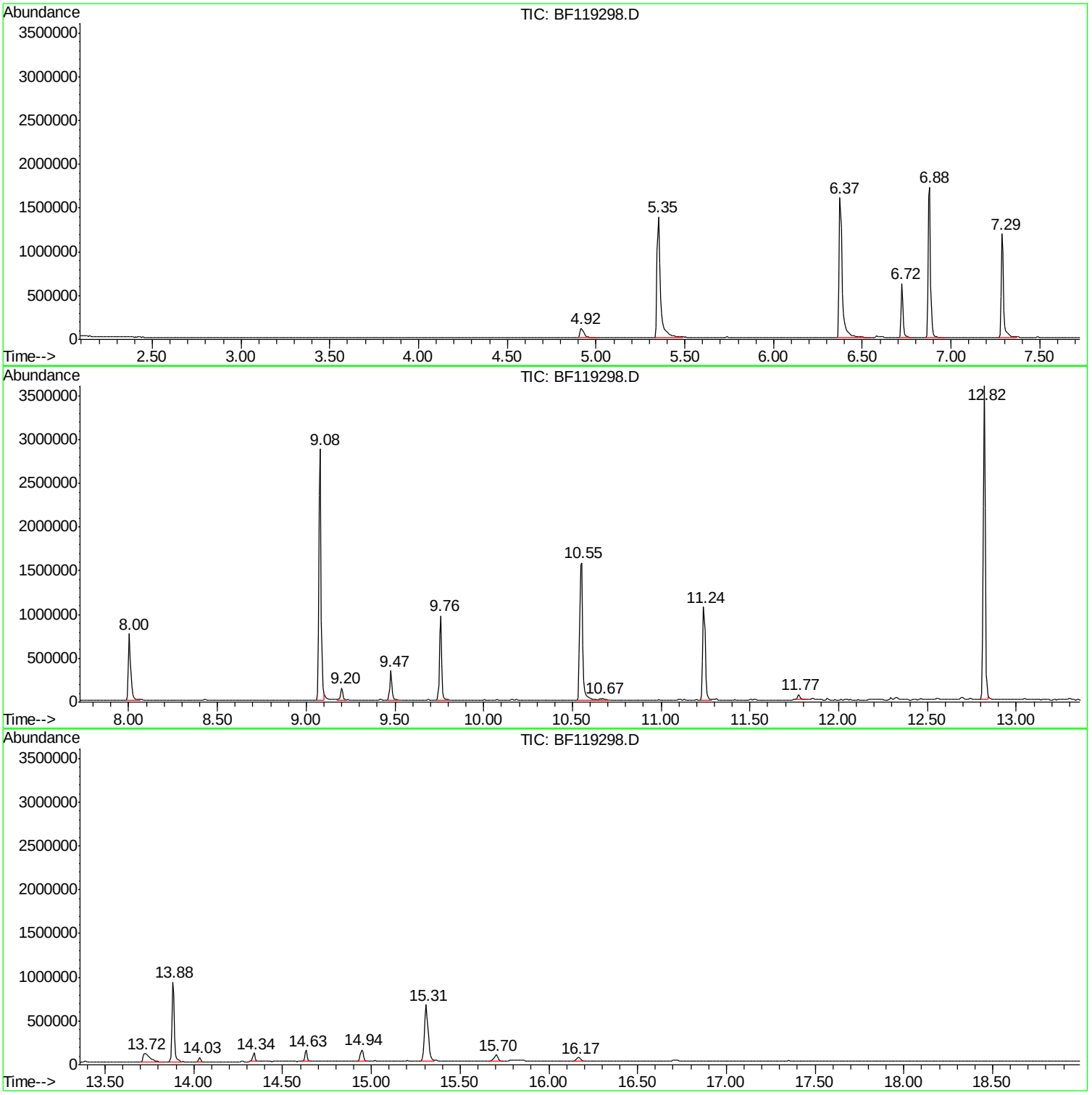
Instrument : BNA_F
ClientSampleId : GP-19-030520

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\BF030920\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

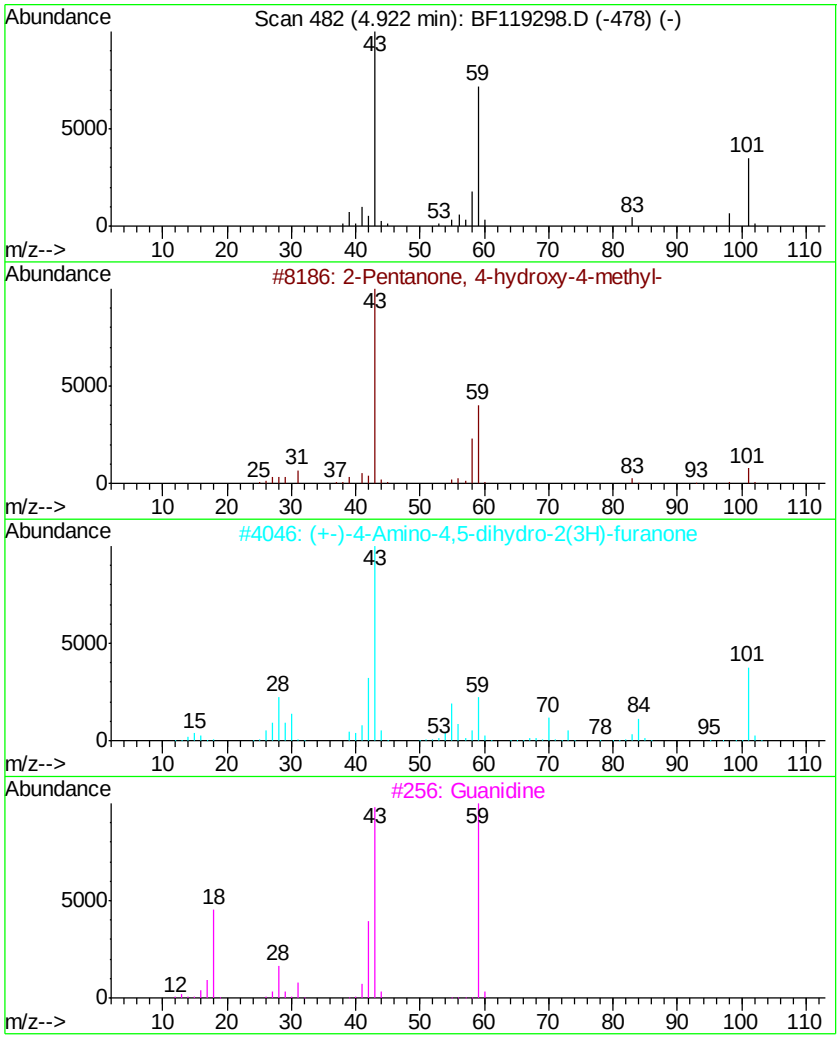
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

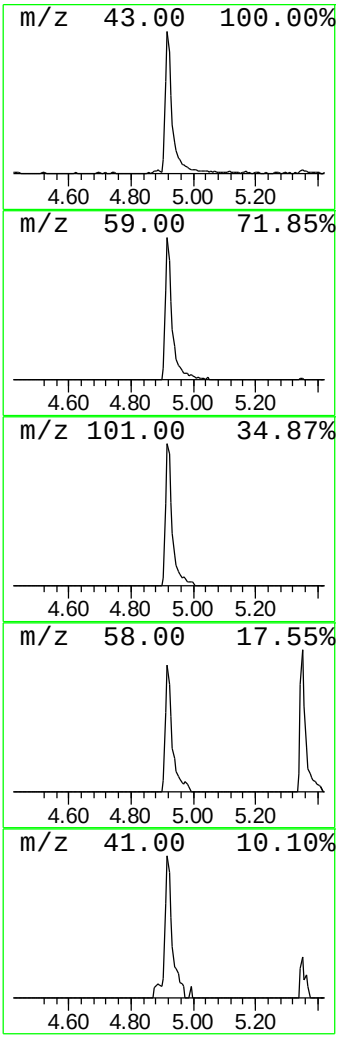
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.95 ng	158032	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : GP-19-030520

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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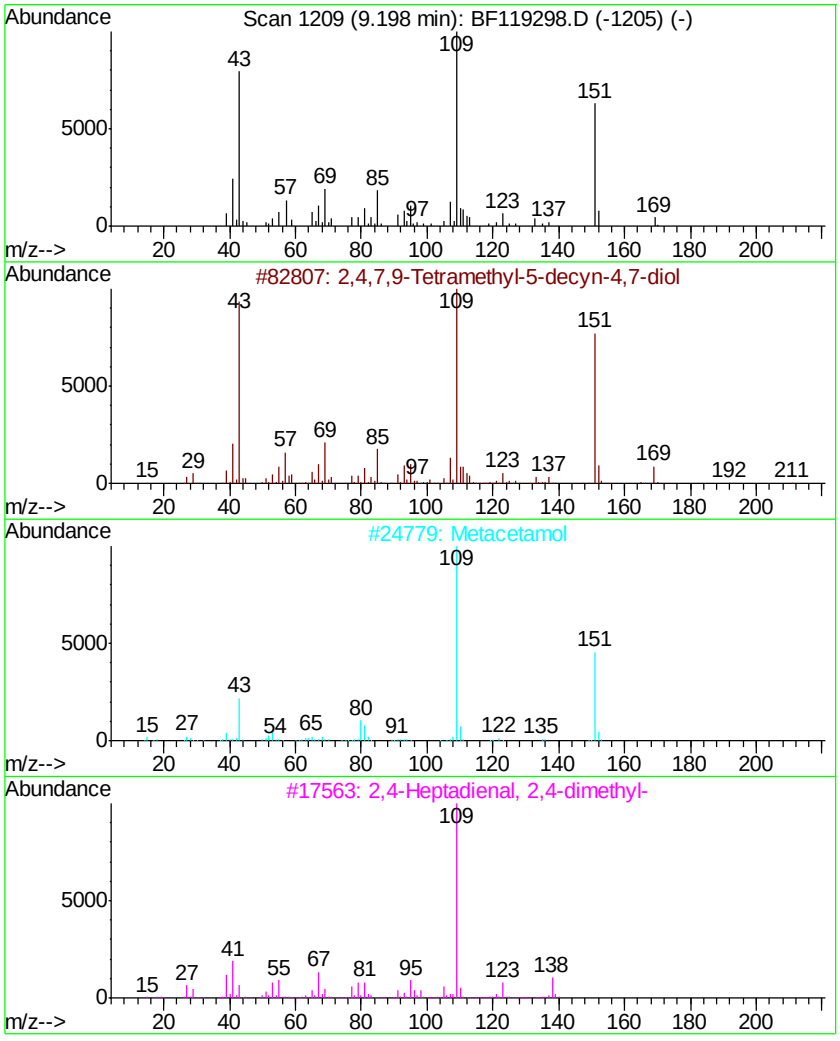
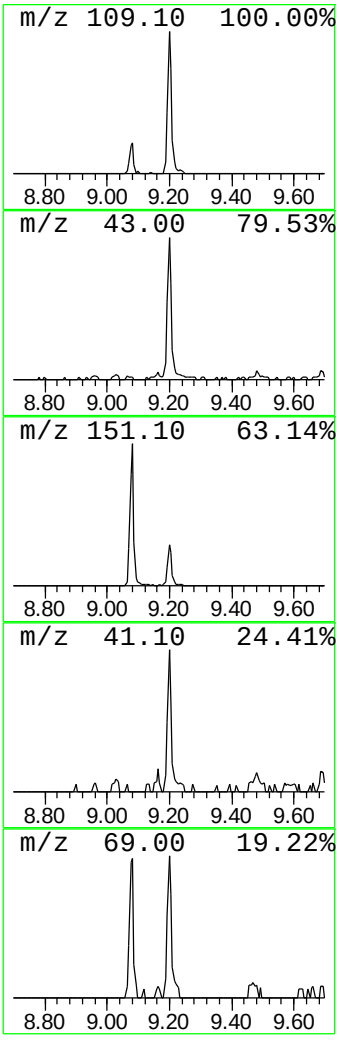
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.89 ng	126854	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	47
4	Acetaminophen	151	C8H9NO2	000103-90-2	45
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	45





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Operator : CG/JU
Sample : L1844-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-19-030520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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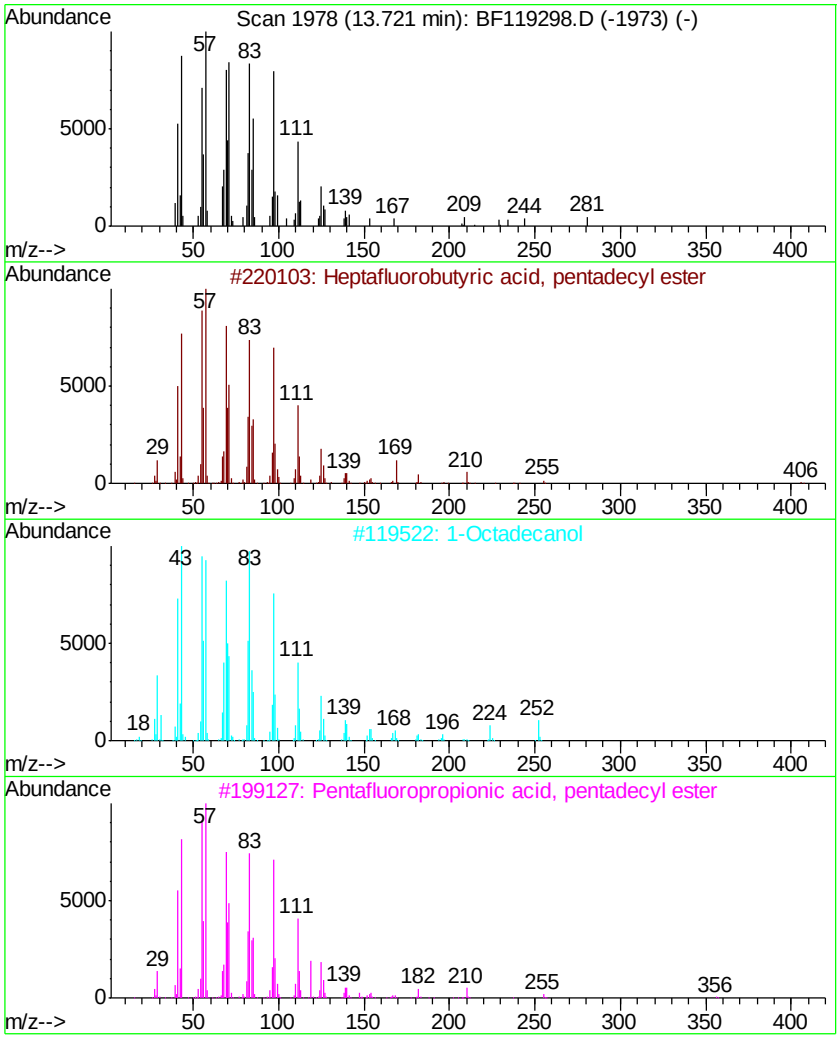
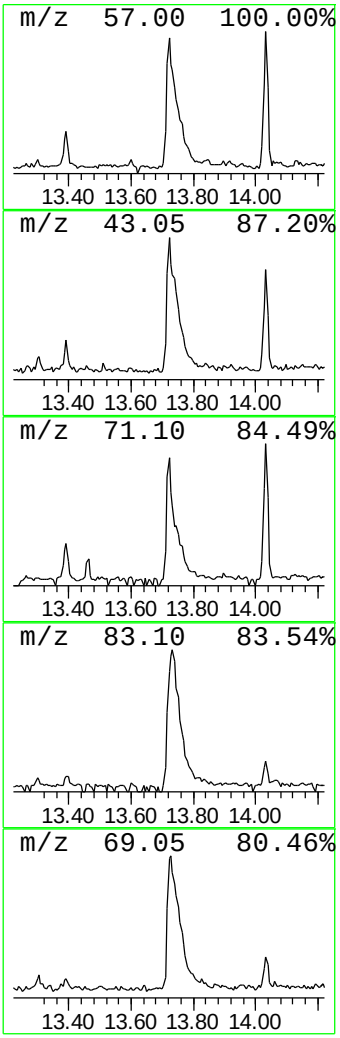
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.52 ng	301051	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	1-Octadecanol	270	C18H38O	000112-92-5	93
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : GP-19-030520

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
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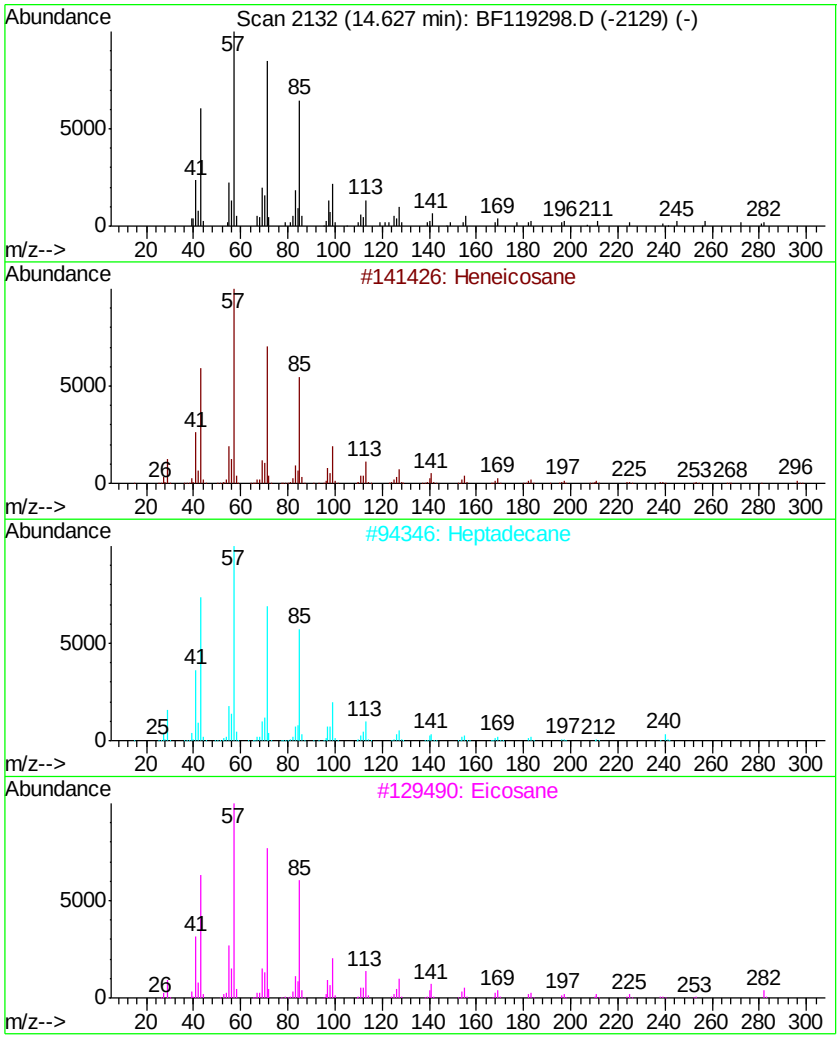
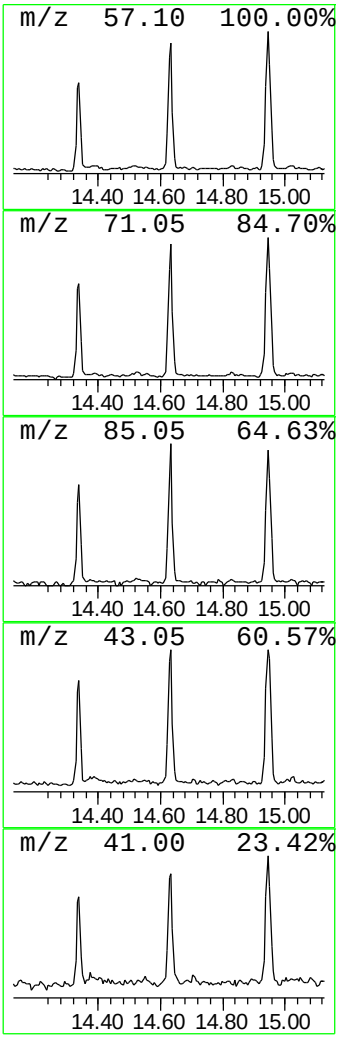
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.79 ng	125767	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

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Operator : CG/JU
Sample : L1844-06
Misc :
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Instrument : BNA_F
ClientSampleId : GP-19-030520

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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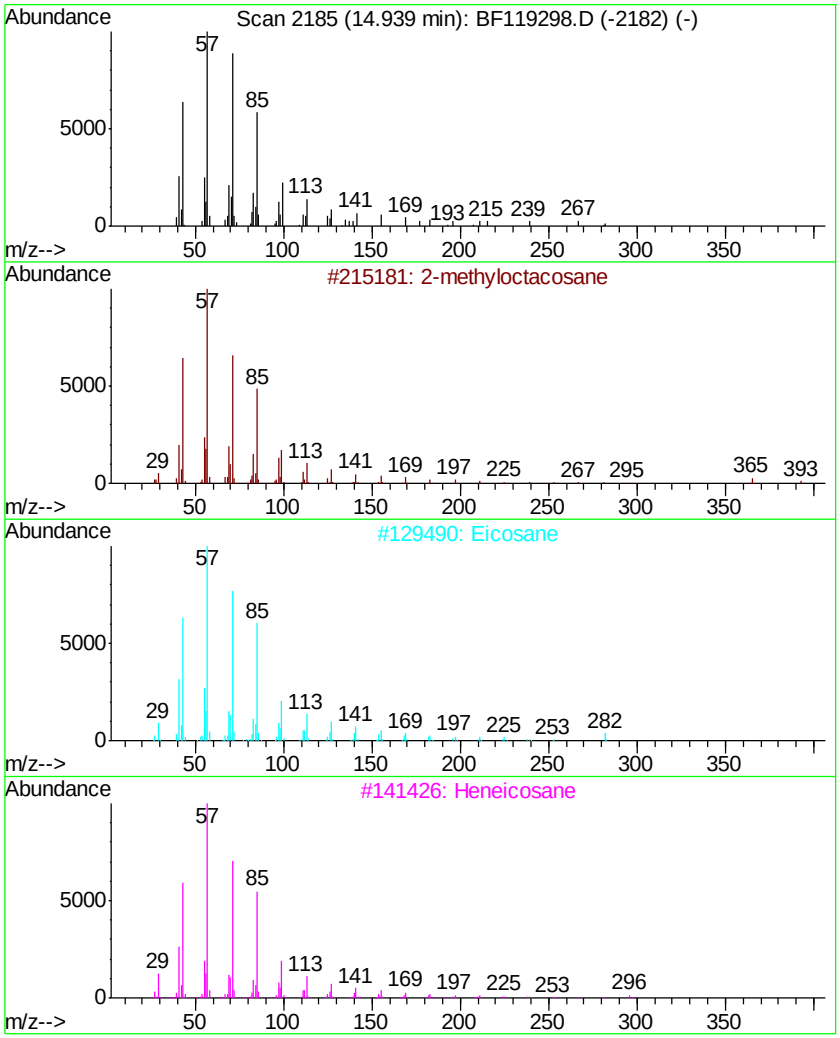
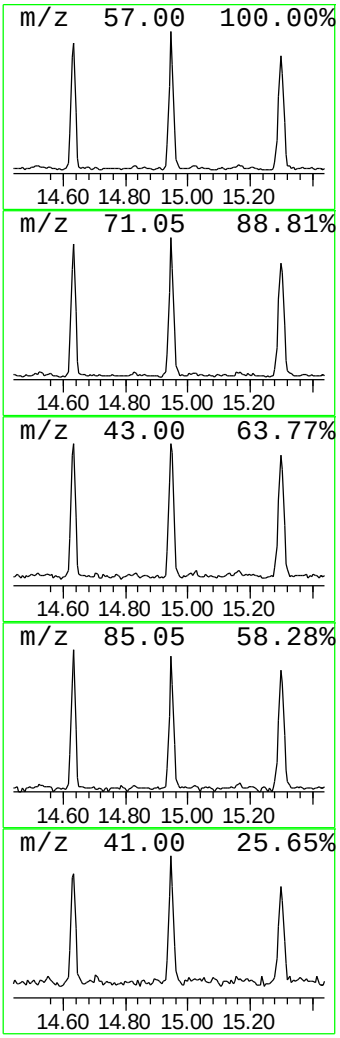
Peak Number 6 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	3.13 ng	140915	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Triacontane	422	C30H62	000638-68-6	91





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Instrument : BNA_F
ClientSampleId : GP-19-030520

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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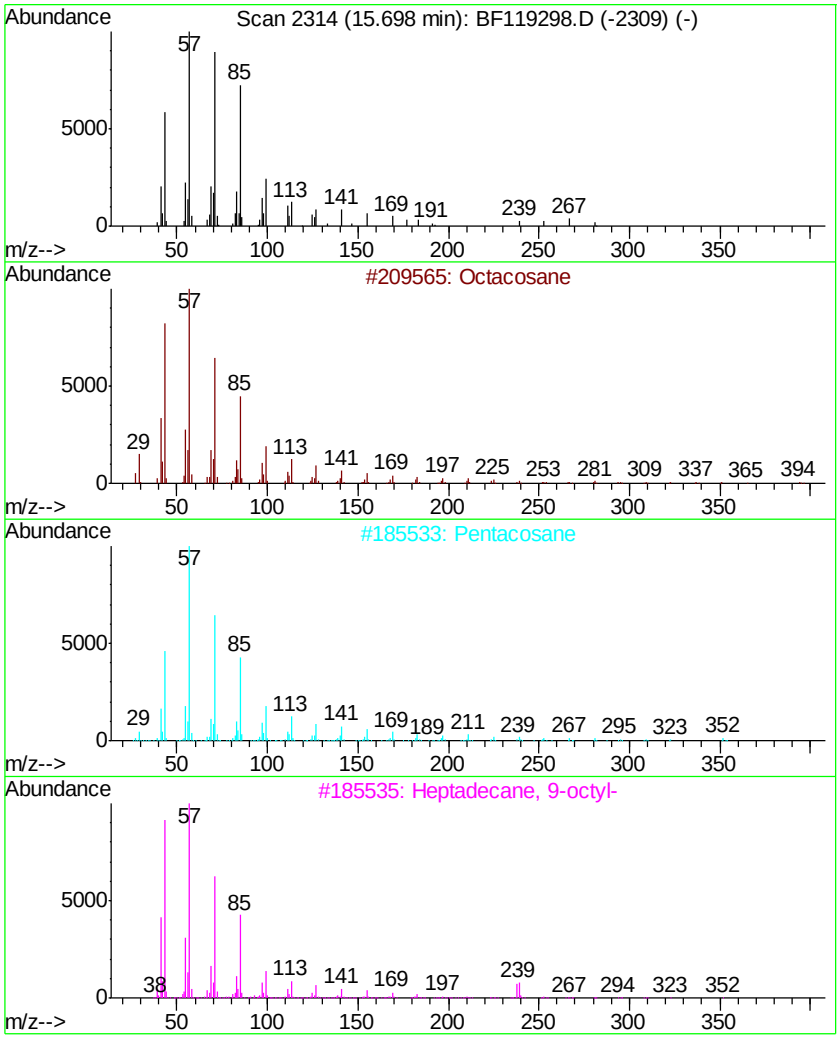
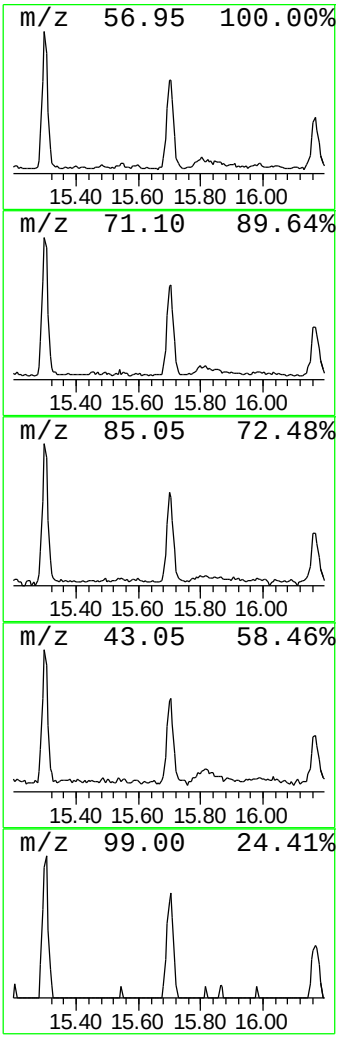
Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.37 ng	106648	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	4.92	6.0	ng	158032	1	6.72	531111	20.0
2,4,7,9-Tetrameth...	9.20	2.9	ng	126854	3	9.76	876940	20.0
Heptafluorobutyri...	13.72	6.5	ng	301051	5	13.88	923674	20.0
Heneicosane	14.63	2.8	ng	125767	6	15.31	901424	20.0
2-methyloctacosane	14.94	3.1	ng	140915	6	15.31	901424	20.0
Octacosane	15.70	2.4	ng	106648	6	15.31	901424	20.0