LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

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_P\METHODS\8270-BP121919.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	5.581	589	594	609	rVB	73230	114016	10.63%	1.560%
2	6.193	692	698	716	rBV	503620	626723	58.43%	8.576%
3	7.740	954	961	976	rBV	548092	687366	64.08%	9.406%
4	7.916	985	991	1002	rVB	618695	706188	65.84%	9.663%
5	8.275	1046	1052	1060	rBV	126624	151728	14.15%	2.076%
6	8.516	1087	1093	1106	rVB	482671	554988	51.74%	7.594%
7	9.157	1196	1202	1221	rBV	349620	433664	40.43%	5.934%
8	10.310	1392	1398	1409	rBV	135318	172177	16.05%	2.356%
9	12.092	1694	1701	1718	rBV	721358	857682	79.96%	11.736%
10	12.351	1740	1745	1758	rVB2	23284	36233	3.38%	0.496%
11	12.763	1810	1815	1824	rBV	36681	52636	4.91%	0.720%
12	13.175	1878	1885	1897	rBV	174500	212312	19.79%	2.905%
13	14.475	2100	2106	2119	rBV	494769	637030	59.39%	8.717%
14	15.580	2288	2294	2306	rBV	195403	241080	22.48%	3.299%
15	16.480	2443	2447	2457	rBV3	25463	37376	3.48%	0.511%
16	17.268	2571	2581	2590	rBV7	16928	64139	5.98%	0.878%
17	17.474	2612	2616	2622	rVB2	14902	17408	1.62%	0.238%
18	17.874	2678	2684	2688	rBV	965753	1072604	100.00%	14.677%
19	19.174	2898	2905	2906	rBV4	17016	27647	2.58%	0.378%
20	19.233	2910	2915	2932	rVB	205468	261904	24.42%	3.584%
21	19.921	3028	3032	3037	rVB2	9928	11551	1.08%	0.158%
22	20.257	3085	3089	3093	rBV3	20662	26925	2.51%	0.368%
23	20.298	3093	3096	3101	rVB2	12124	14734	1.37%	0.202%
24	20.374	3106	3109	3114	rVB	13843	17604	1.64%	0.241%
25	20.698	3159	3164	3168	rBV2	13341	18985	1.77%	0.260%
26	21.009	3211	3217	3229	rVB	145828	213191	19.88%	2.917%
27	21.139	3234	3239	3249	rVB4	11528	19698	1.84%	0.270%
28	21.639	3319	3324	3334	rVB3	9767	20251	1.89%	0.277%

Sum of corrected areas: 7307840

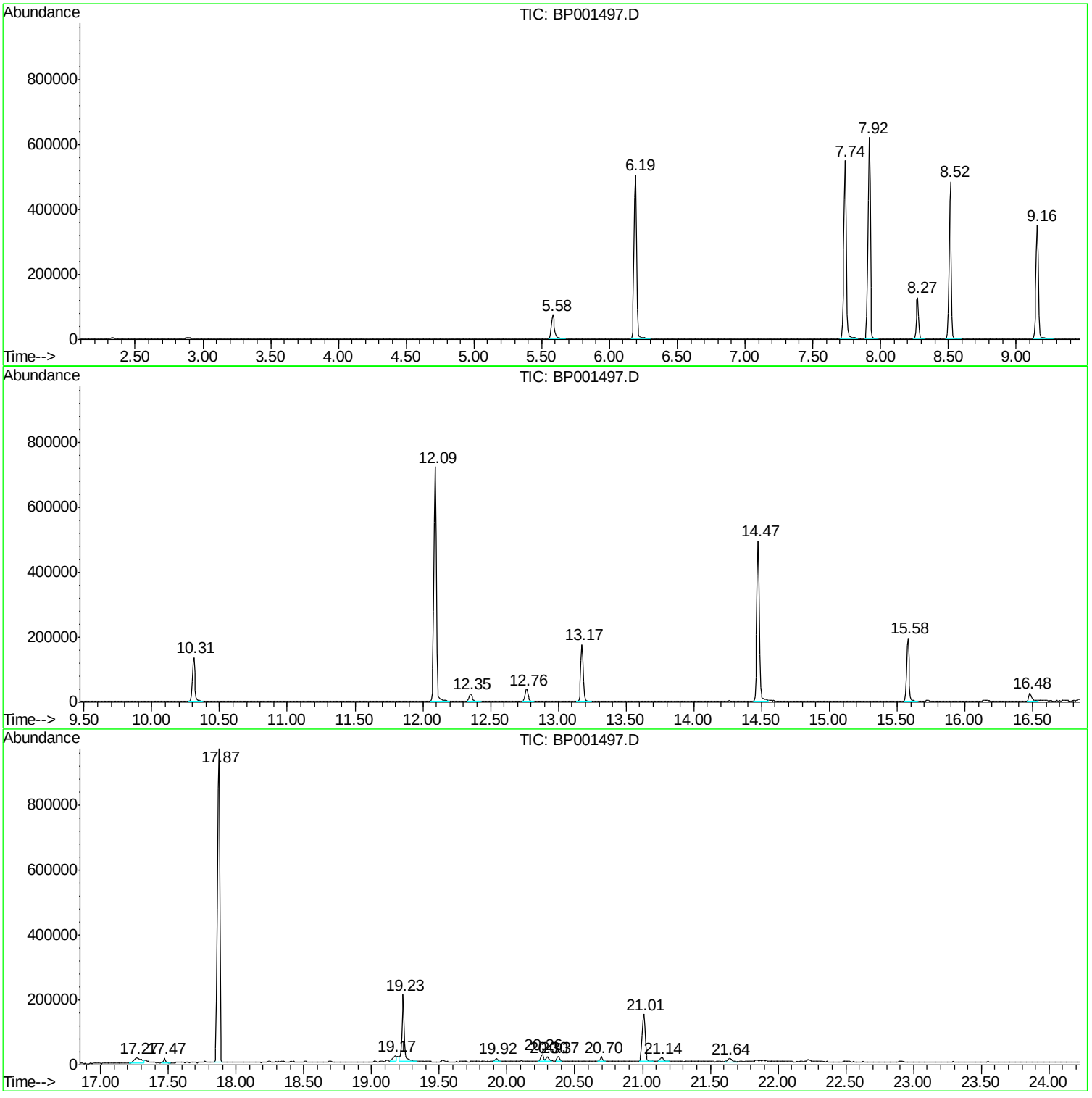
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LIED-BF011-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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 P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

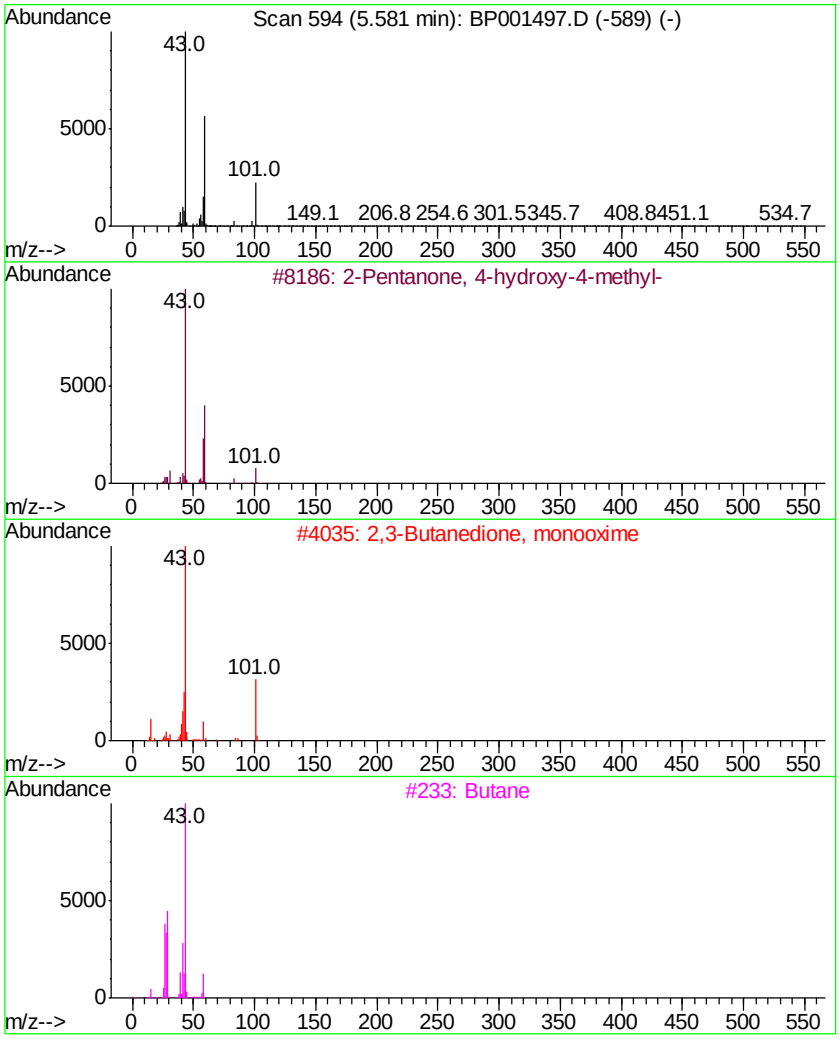
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

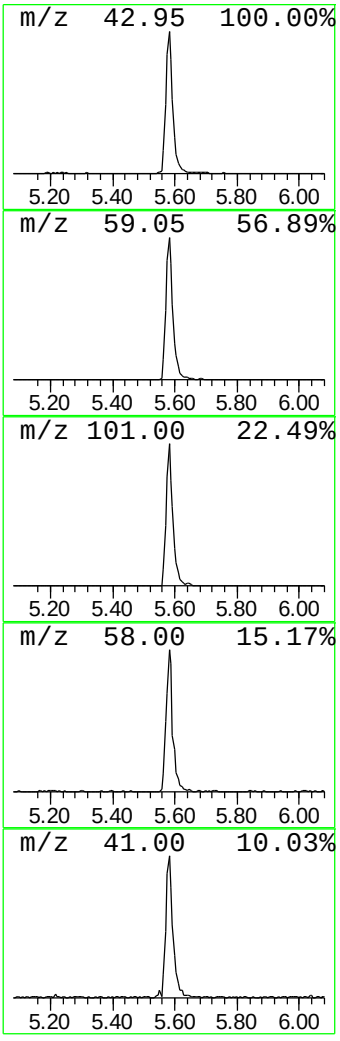
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	15.03 ng	114016	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butane	58	C4H10	000106-97-8	9
4	Allyl acetate	100	C5H8O2	000591-87-7	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

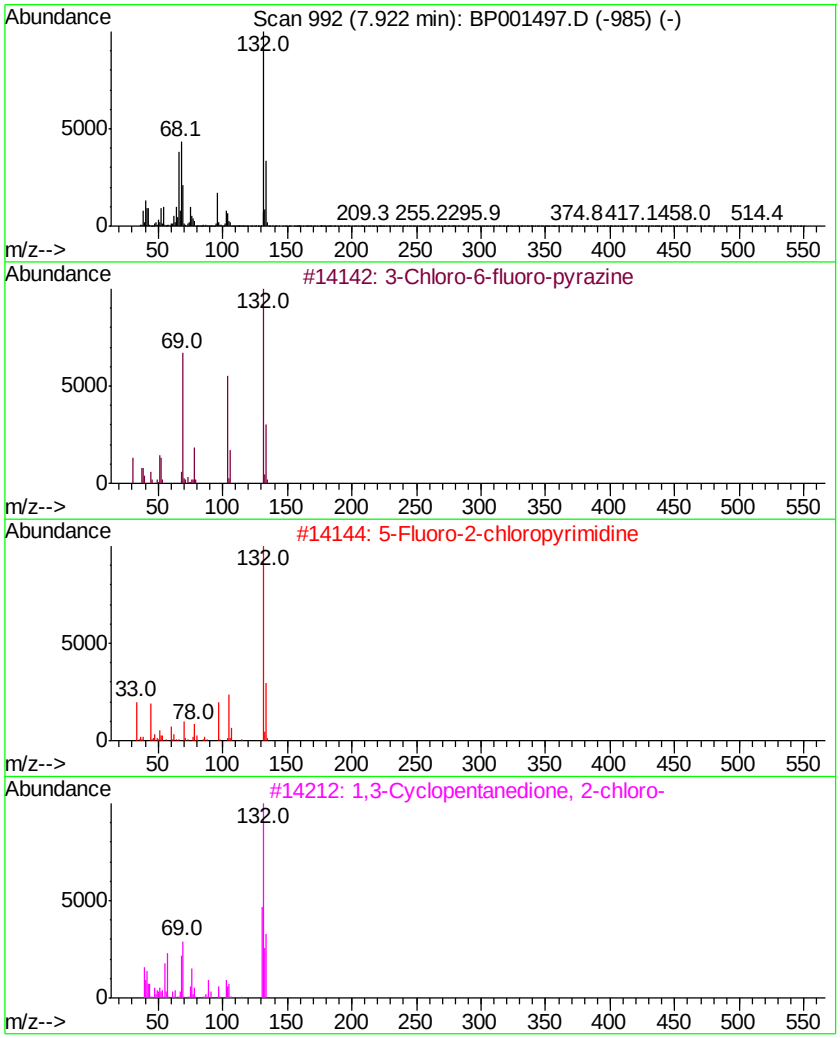
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

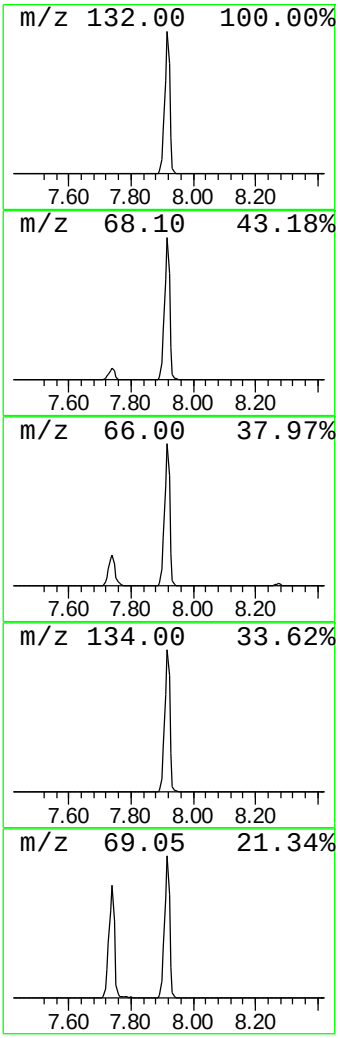
****

Peak Number 2 unknown7.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	93.09 ng	706188	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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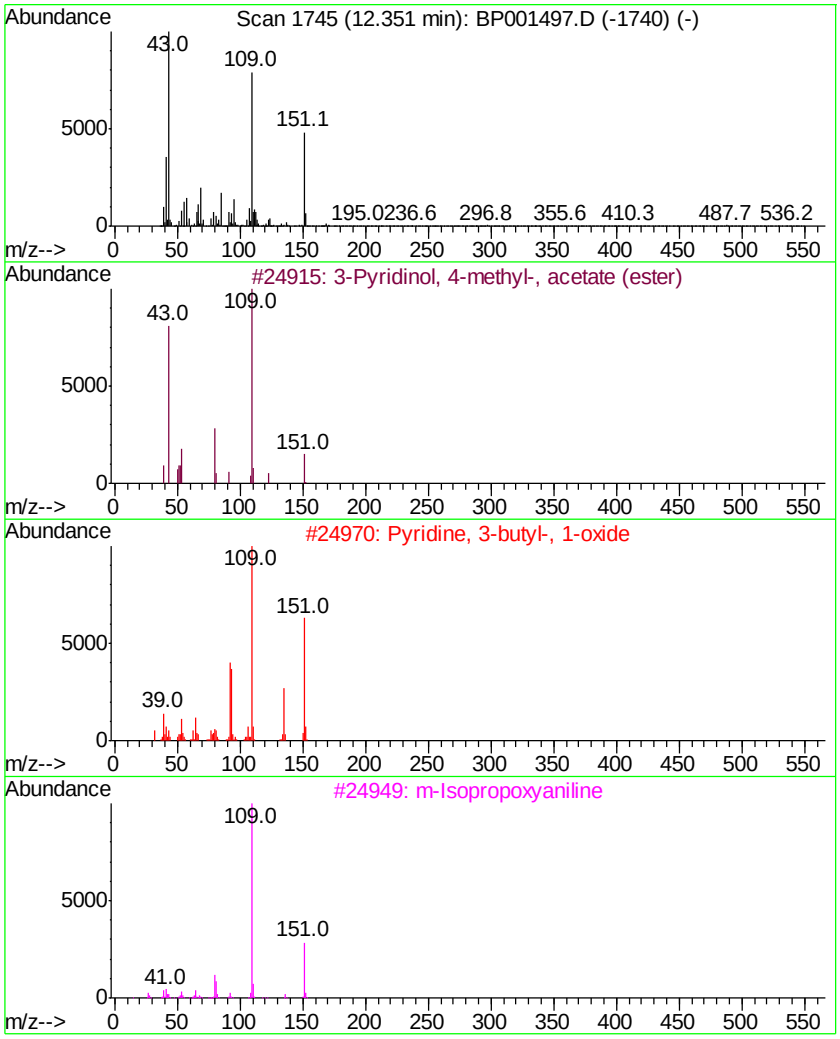
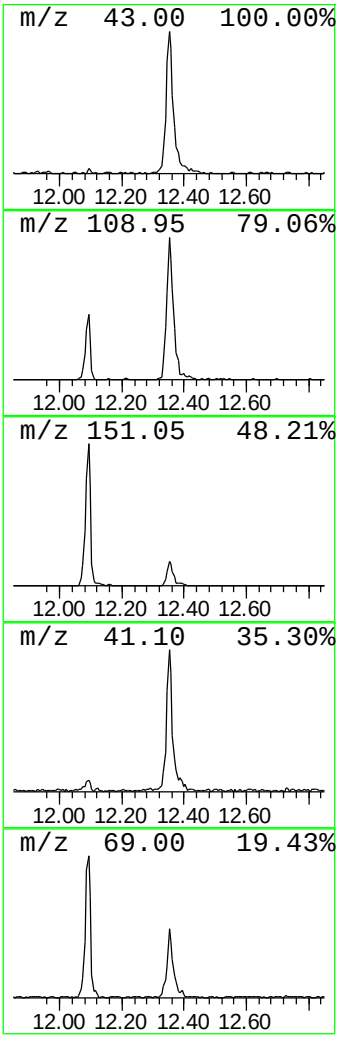
Peak Number 4 3-Pyridinol, 4-methyl-, ace... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	3.41 ng	36233	Acenaphthene-d10	13.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
2	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	58
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	58
4	Benzenamine, 4-propoxy-	151	C9H13NO	004469-80-1	53
5	Metacetamol	151	C8H9NO2	000621-42-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

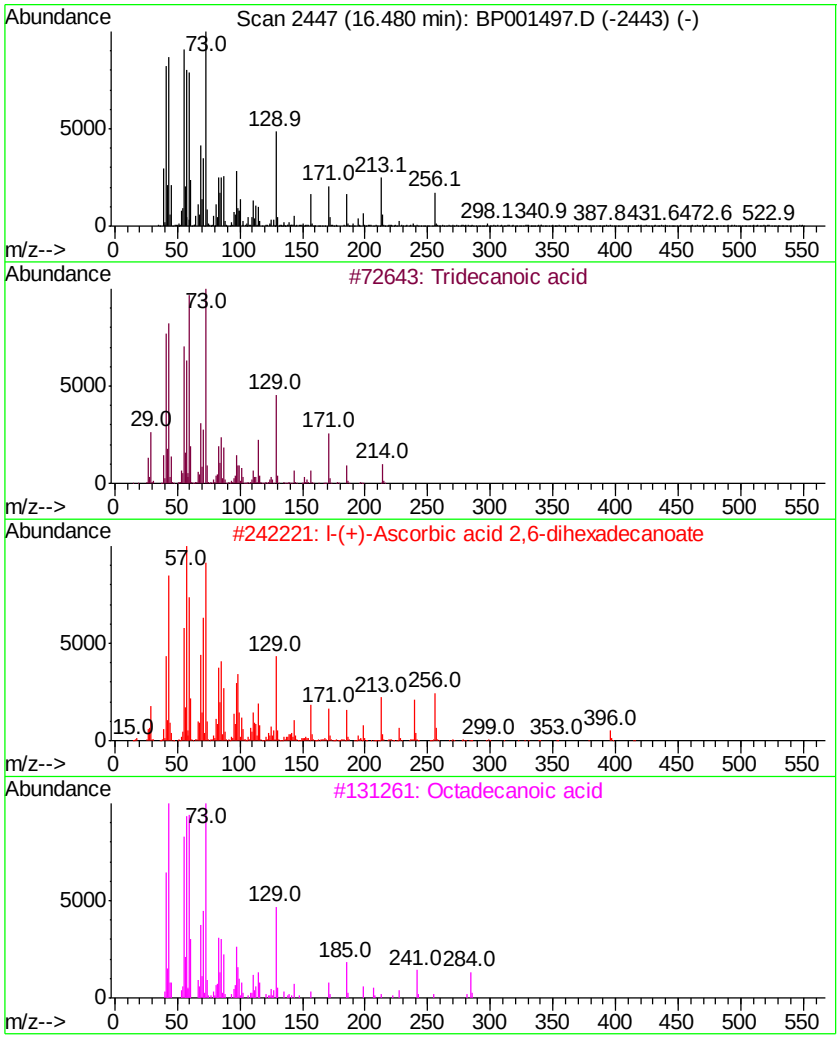
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

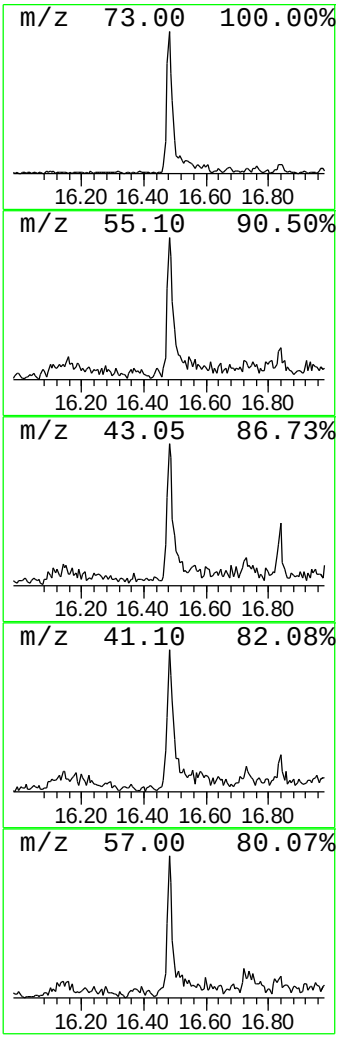
****

Peak Number 6 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	3.10 ng	37376	Phenanthrene-d10	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

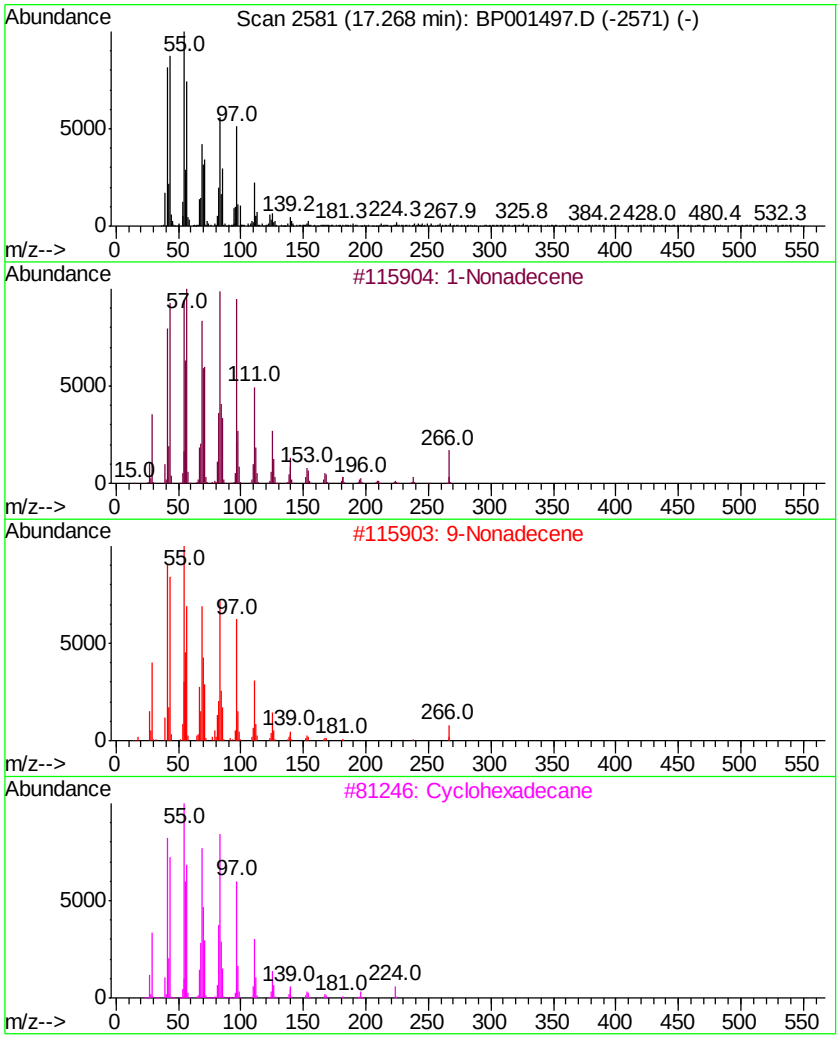
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

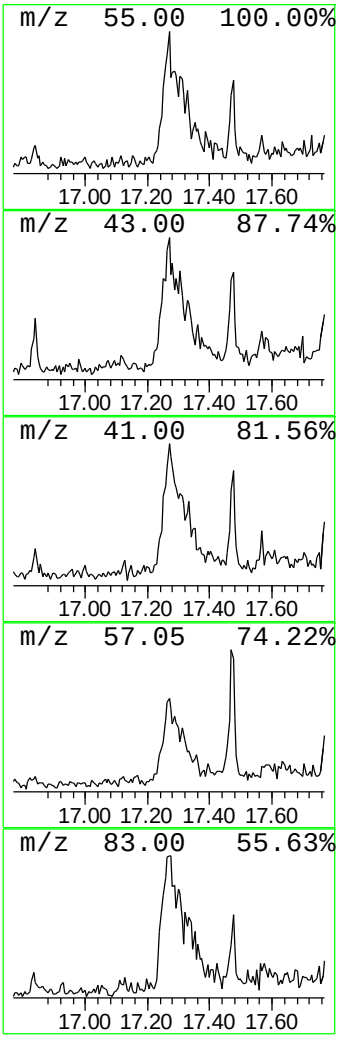
****

Peak Number 7 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	5.32 ng	64139	Phenanthrene-d10	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	9-Nonadecene	266	C19H38	031035-07-1	90
3	Cyclohexadecane	224	C16H32	000295-65-8	90
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83





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Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

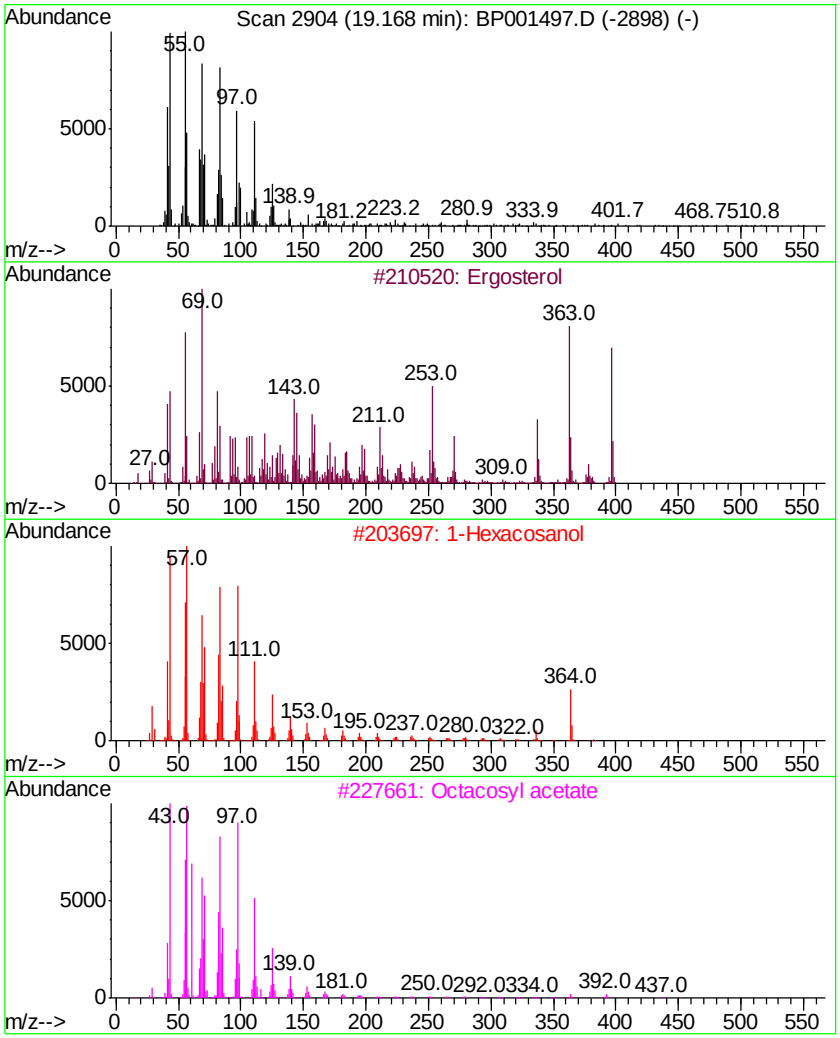
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

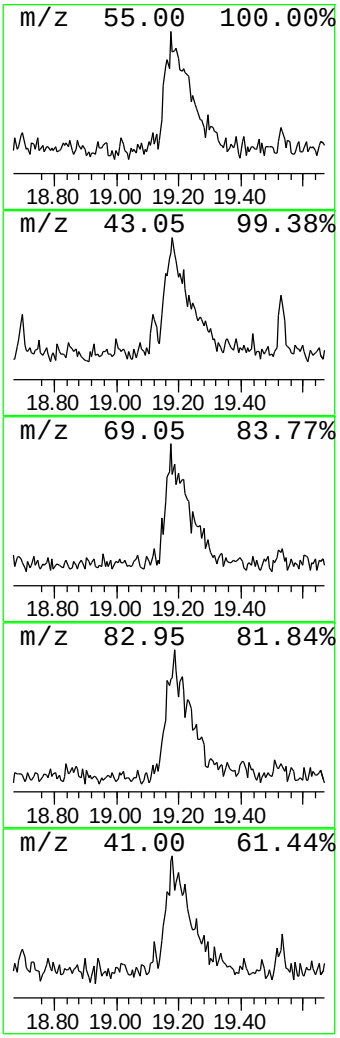
****

Peak Number 8 Ergosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.11 ng	27647	Chrysene-d12	19.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergosterol	396	C28H44O	000057-87-4	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	80
3	Octacosyl acetate	452	C30H60O2	018206-97-8	78
4	2-Methyl-2-docosene	322	C23H46	1000131-16-9	78
5	Z-12-Pentacosene	350	C25H50	1000131-09-4	78





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

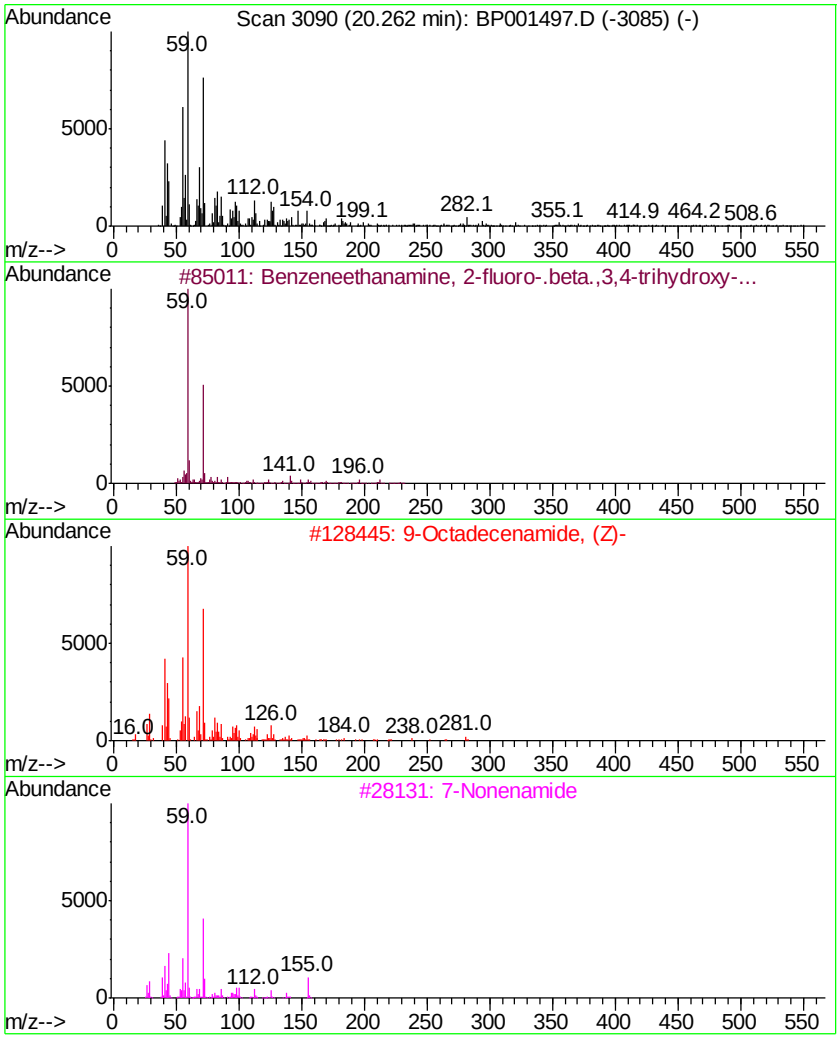
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

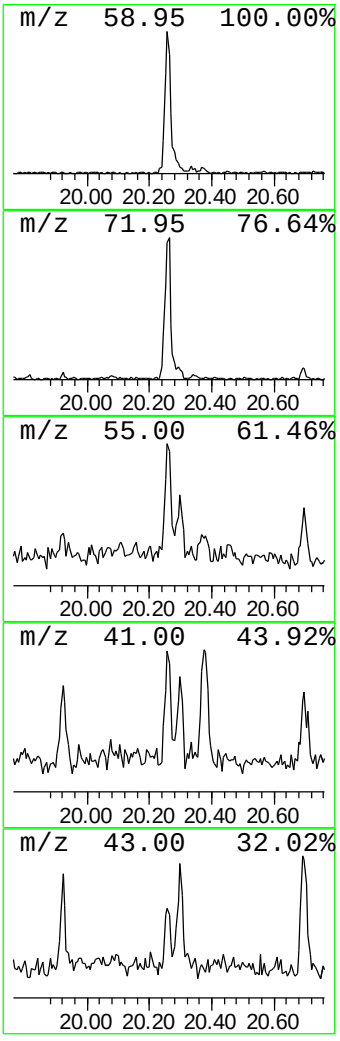
****

Peak Number 9 Benzeneethanamine, 2-fluoro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.53 ng	26925	Perylene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	80
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
3	7-Nonenamide	155	C9H17NO	090949-53-4	72
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
2-Pentanone, 4-hy...	5.58	15.0	ng	114016	1	8.27	151728	20.0
unknown7.92	7.92	93.1	ng	706188	1	8.27	151728	20.0
3-Pyridinol, 4-me...	12.35	3.4	ng	36233	3	13.17	212312	20.0
Tridecanoic acid	16.48	3.1	ng	37376	4	15.58	241080	20.0
1-Nonadecene	17.27	5.3	ng	64139	4	15.58	241080	20.0
Ergosterol	19.17	2.1	ng	27647	5	19.23	261904	20.0
Benzeneethanamine...	20.26	2.5	ng	26925	6	21.01	213191	20.0