LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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	4.740	445	451	461	rBV	20344	34533	2.19%	0.312%
2	5.605	587	598	614	rBV	141886	248865	15.82%	2.246%
3	6.210	695	701	714	rBV	783852	1018046	64.70%	9.187%
4	7.757	957	964	982	rBV	837486	1145651	72.81%	10.339%
5	7.934	987	994	1007	rVB	945648	1150149	73.09%	10.379%
6	8.281	1048	1053	1066	rVB	166599	194957	12.39%	1.759%
7	8.528	1088	1095	1099	rBV	748401	889779	56.55%	8.030%
8	9.169	1197	1204	1208	rBV	561305	711678	45.23%	6.422%
9	10.316	1393	1399	1410	rBV	173421	225741	14.35%	2.037%
10	12.098	1695	1702	1719	rBV	1100091	1366368	86.83%	12.330%
11	12.769	1811	1816	1828	rBV	26190	37286	2.37%	0.336%
12	13.181	1879	1886	1893	rBV	216655	272656	17.33%	2.461%
13	14.481	2100	2107	2127	rBV	742579	1009734	64.17%	9.112%
14	15.580	2288	2294	2303	rBV	238219	293510	18.65%	2.649%
15	16.469	2441	2445	2458	rBV3	37050	53058	3.37%	0.479%
16	17.869	2676	2683	2686	rBV	1393898	1573547	100.00%	14.200%
17	19.151	2896	2901	2909	rBV4	38368	115300	7.33%	1.040%
18	19.221	2909	2913	2924	rVB	239830	285160	18.12%	2.573%
19	19.898	3026	3028	3036	rVB4	24532	32881	2.09%	0.297%
20	19.992	3038	3044	3054	rBV4	9955	33078	2.10%	0.299%
21	20.274	3088	3092	3096	rVB	20748	21827	1.39%	0.197%
22	20.663	3154	3158	3167	rVB	26904	36569	2.32%	0.330%
23	20.986	3207	3213	3222	rVB	172934	242450	15.41%	2.188%
24	21.098	3227	3232	3238	rBV2	23607	36472	2.32%	0.329%
25	21.586	3310	3315	3321	rBV2	20812	33484	2.13%	0.302%
26	22.151	3407	3411	3416	rBV4	11230	18533	1.18%	0.167%

Sum of corrected areas: 11081312

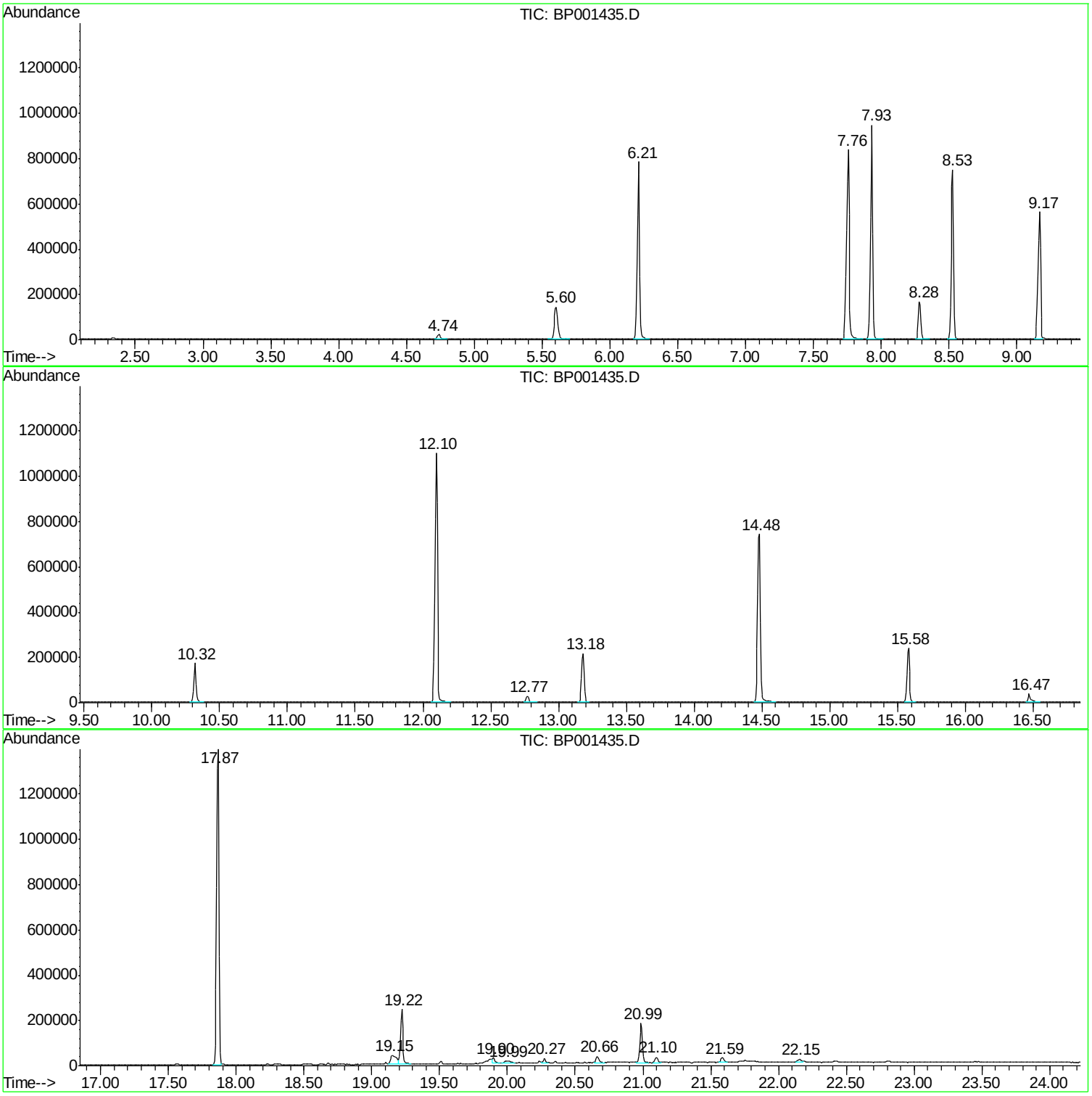
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUNR-BF001-02

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\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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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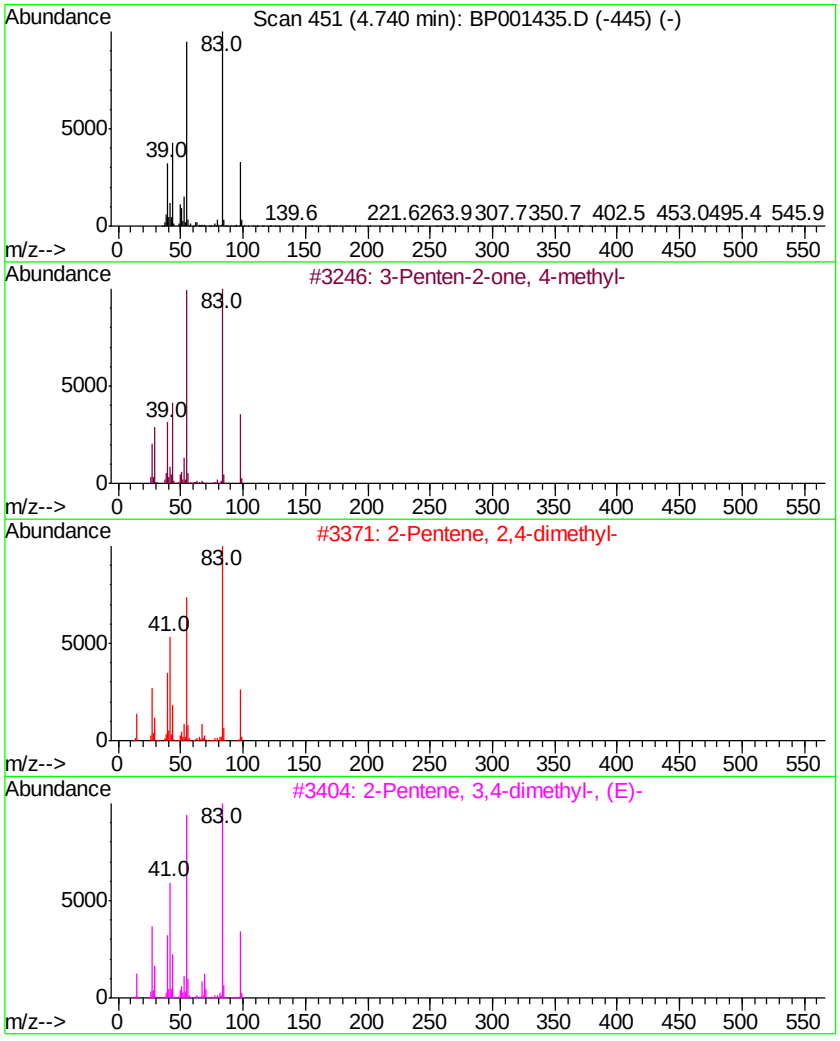
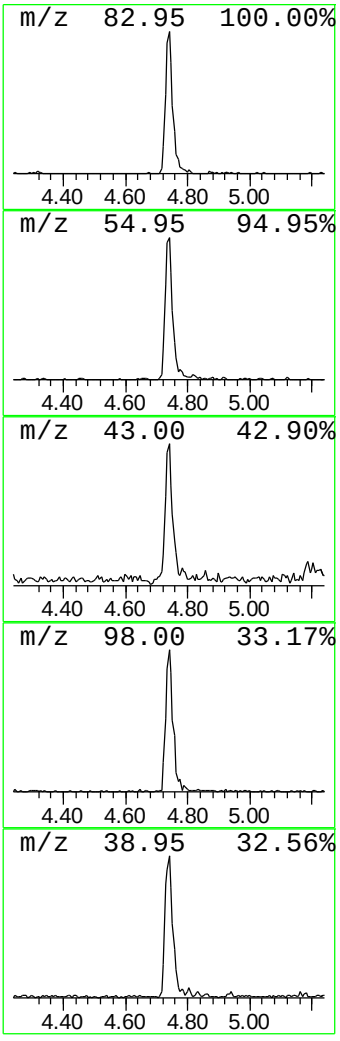
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	3.54 ng	34533	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	72
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72





Library Search Compound Report

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Data File : BP001435.D
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Operator : JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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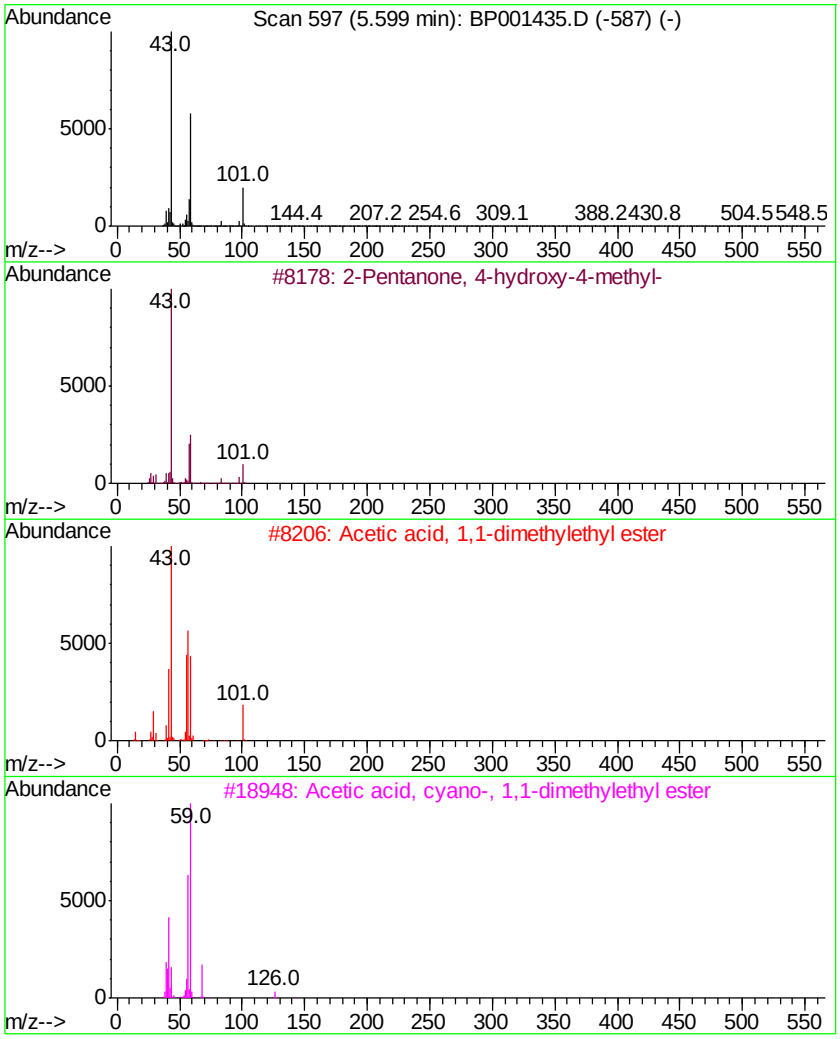
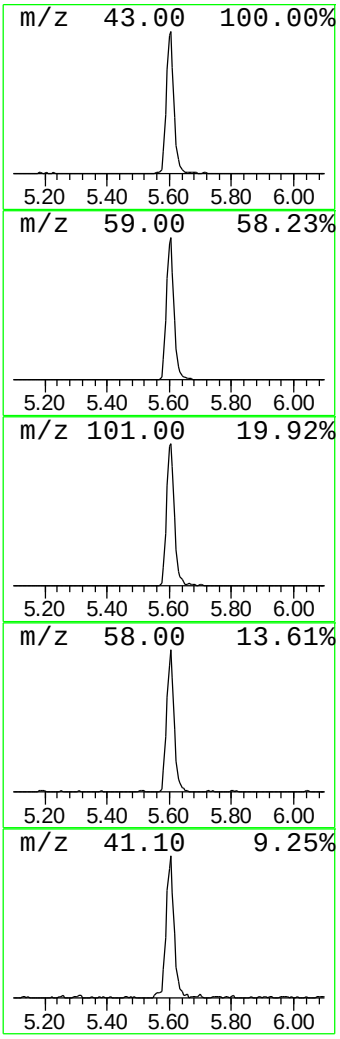
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	25.53 ng	248865	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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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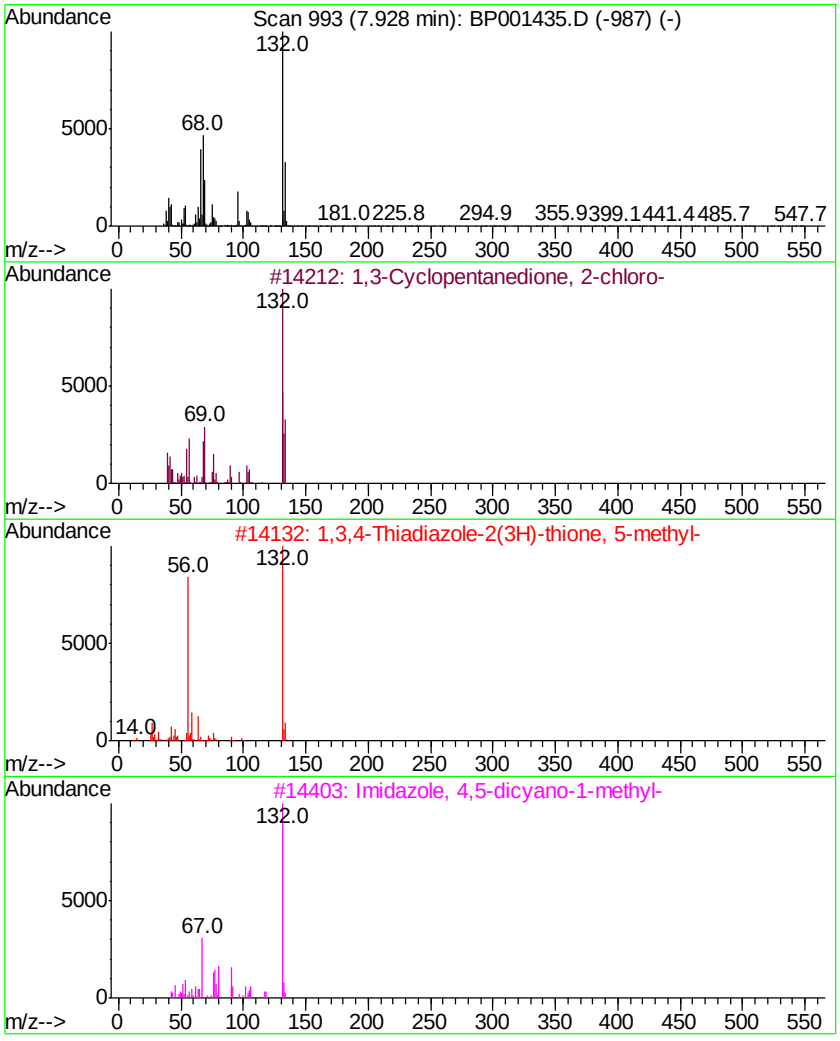
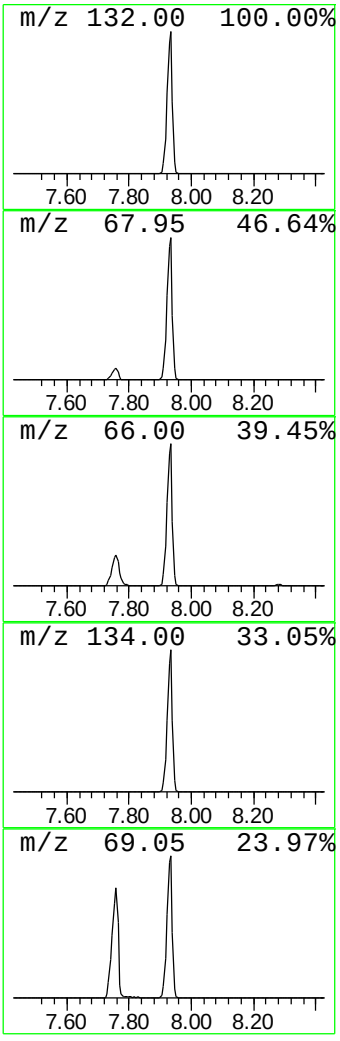
Peak Number 3 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	117.99 ng	1150150	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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

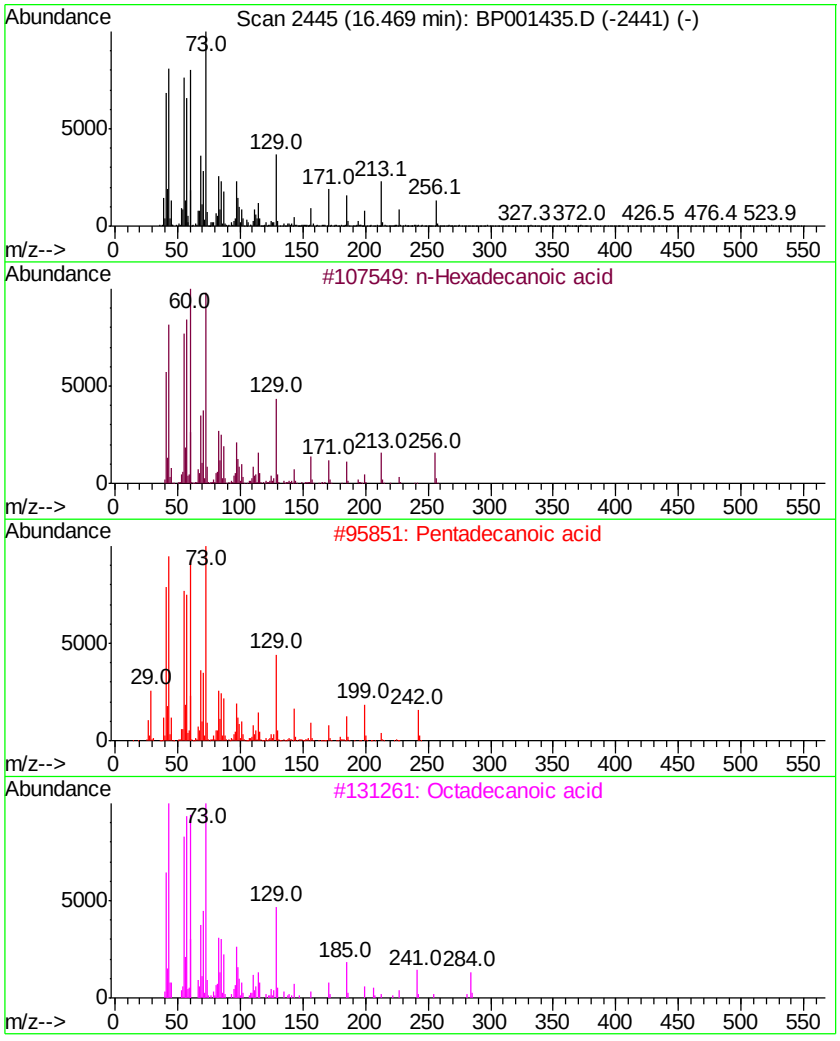
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

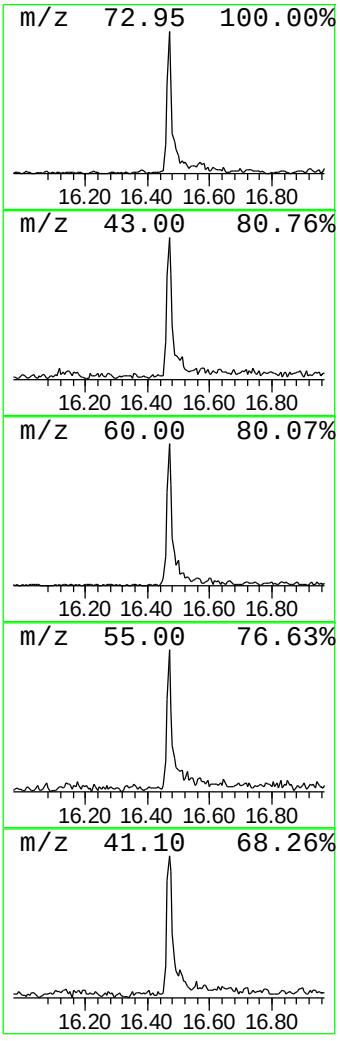
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.62 ng	53058	Phenanthrene-d10	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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

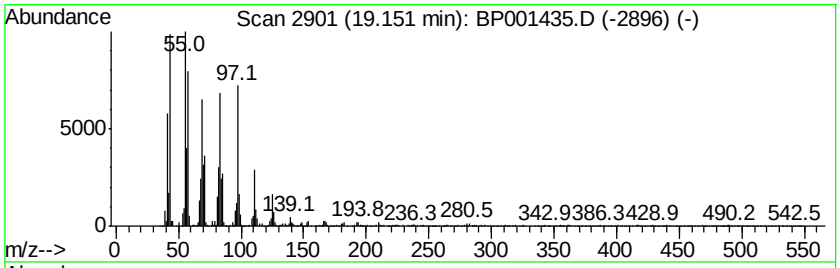
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

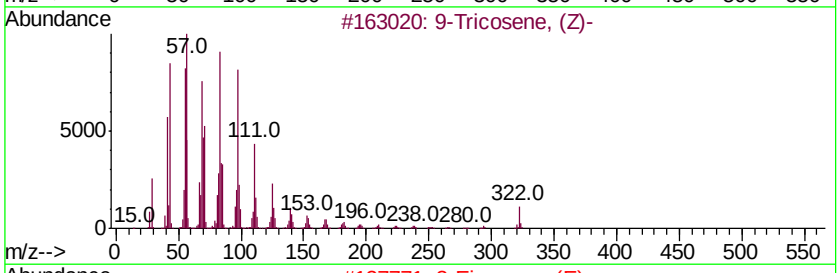
****

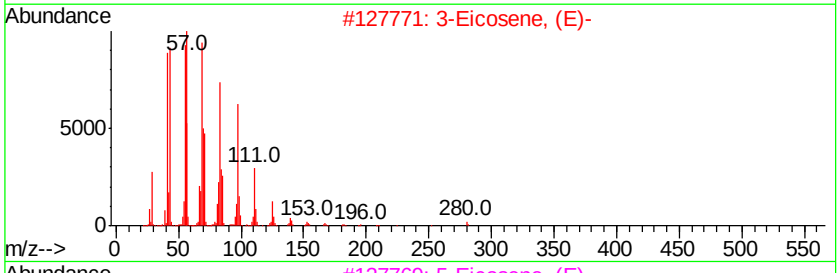
Peak Number 6 9-Tricosene, (Z)- Concentration Rank 4

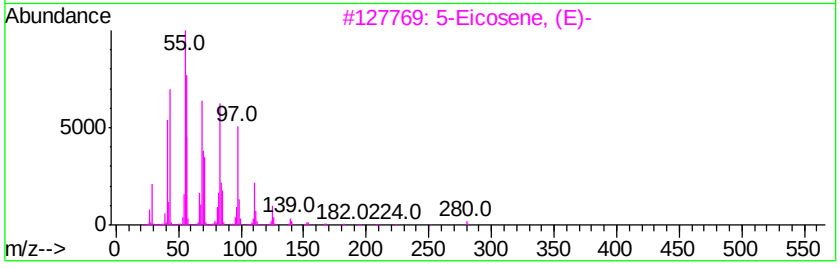
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	8.09 ng	115300	Chrysene-d12	19.22

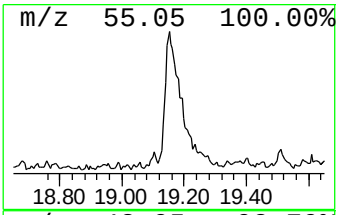
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
4	1-Eicosene	280	C20H40	003452-07-1	95
5	1-Docosene	308	C22H44	001599-67-3	94

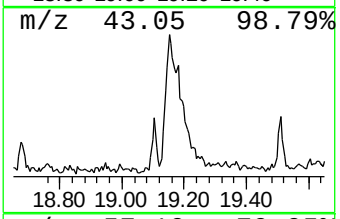


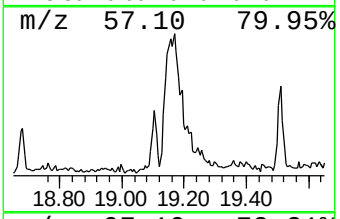


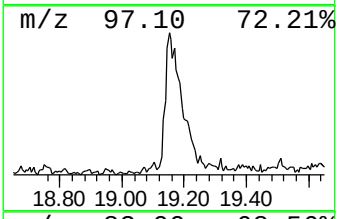


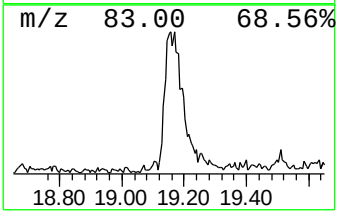












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Data File : BP001435.D
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Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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

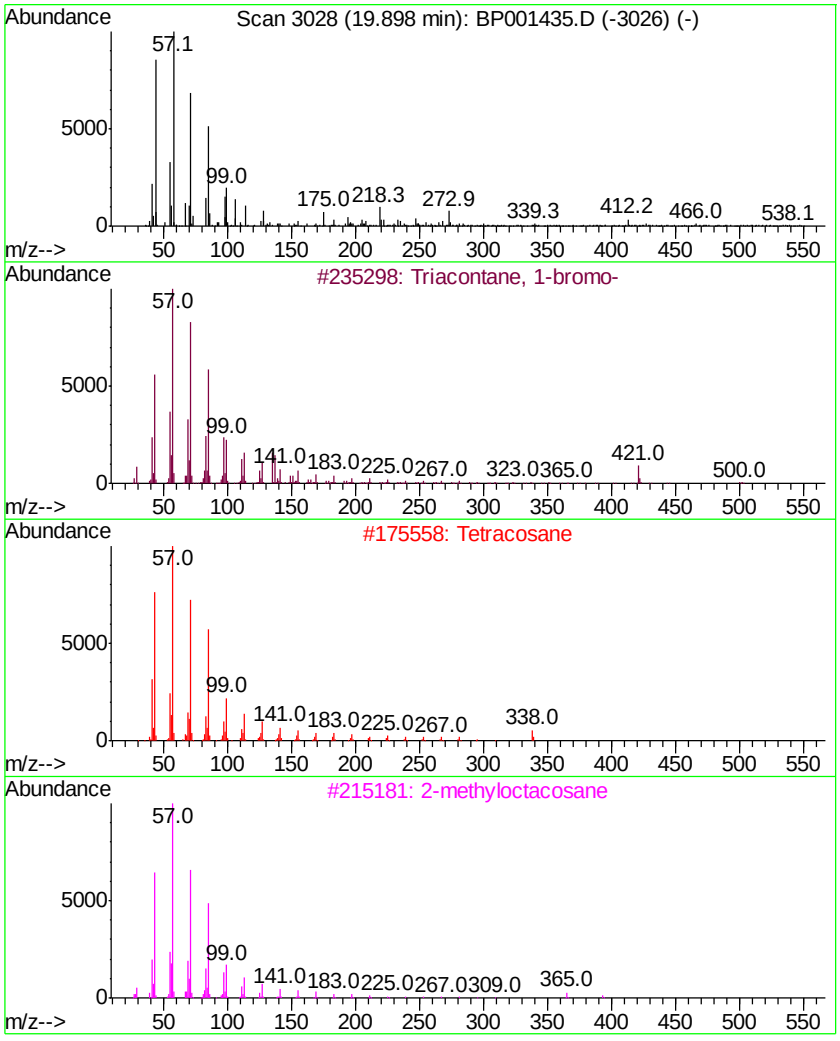
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

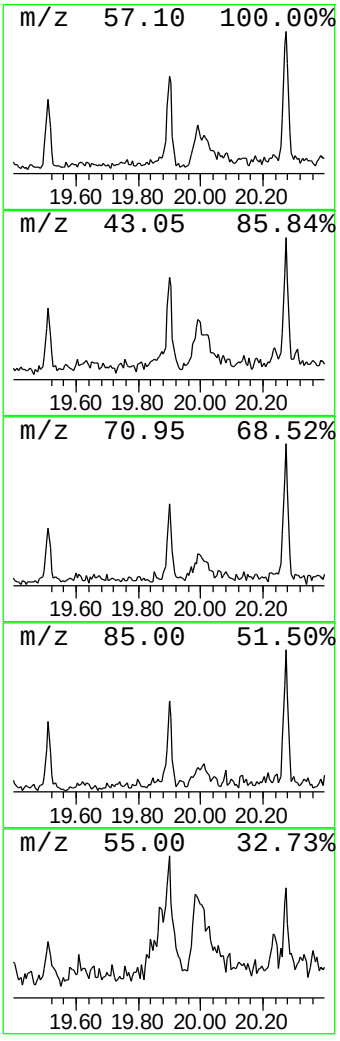
****

Peak Number 7 Triacontane, 1-bromo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.31 ng	32881	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	80
4	Pentacosane	352	C25H52	000629-99-2	80
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

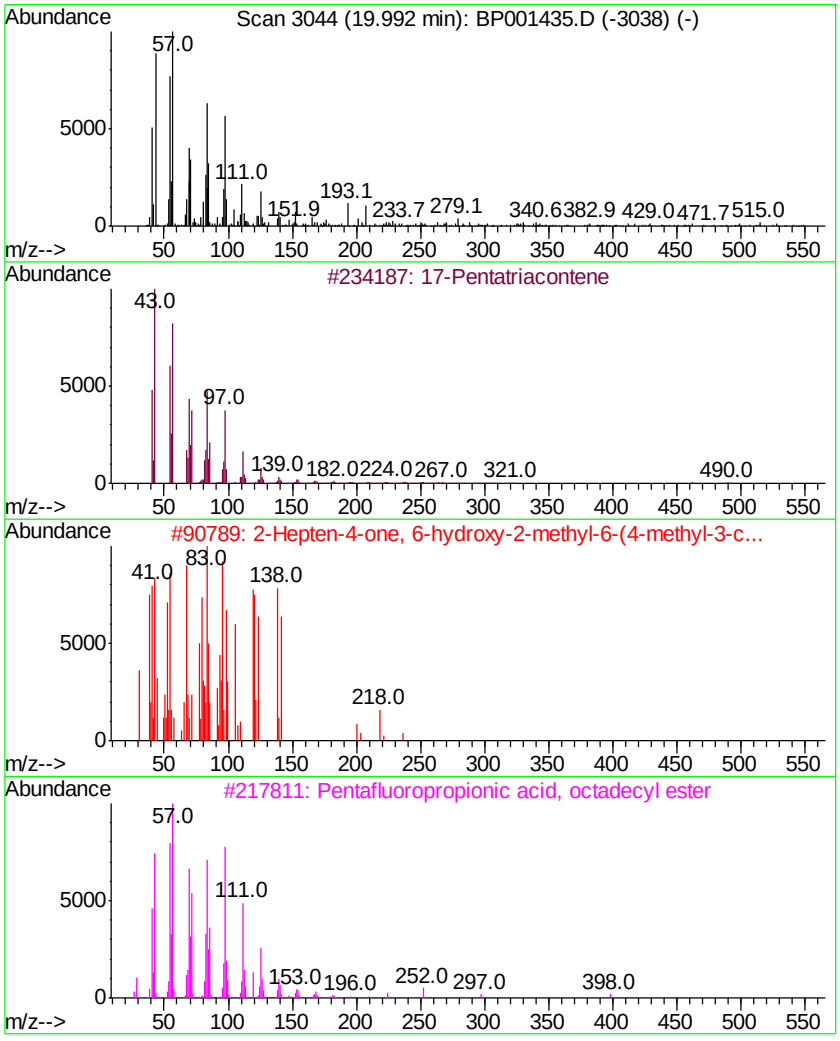
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

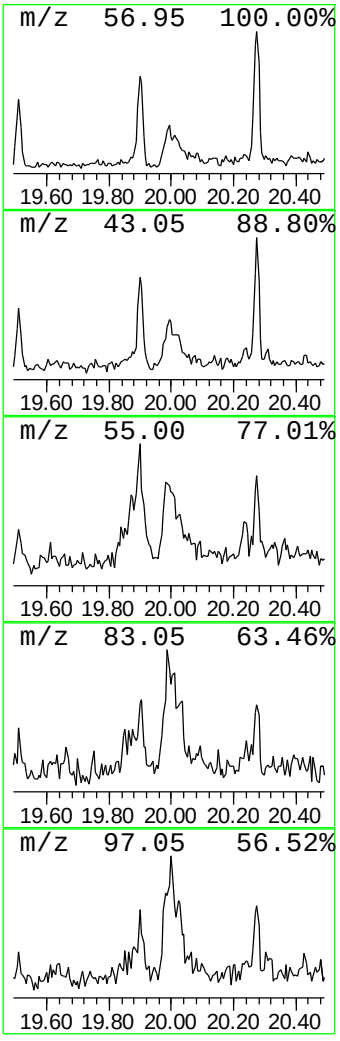
****

Peak Number 8 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.32 ng	33078	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	93
2	2-Hepten-4-one, 6-hydroxy-2-meth...	236	C15H24O2	038043-98-0	86
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	86
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	86
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86





Library Search Compound Report

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Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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

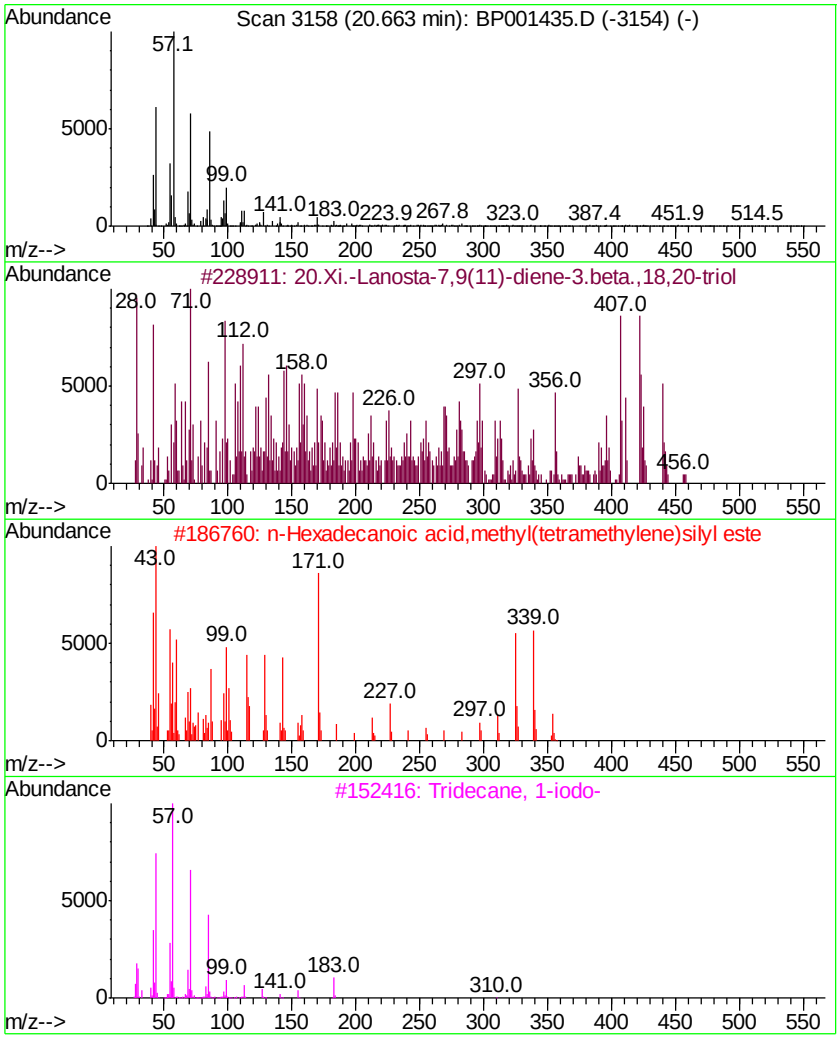
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

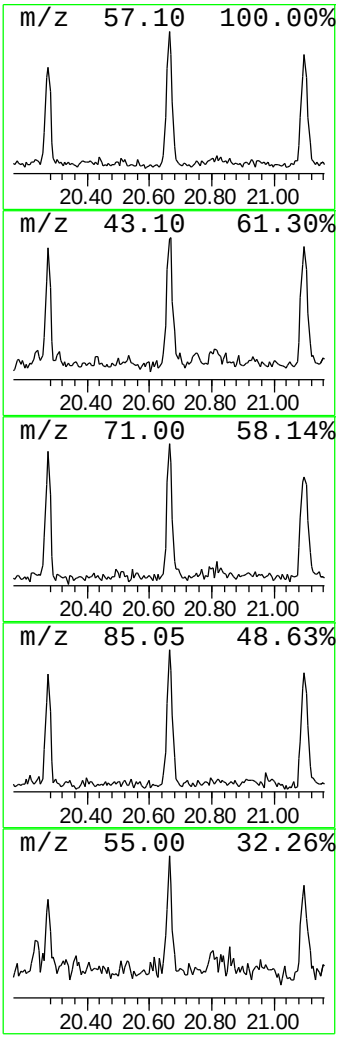
****

Peak Number 9 20.Xi.-Lanosta-7,9(11)-dien... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	3.02 ng	36569	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	91
2	n-Hexadecanoic acid,methyl(tetra...	354	C21H42O2Si	1000217-04-1	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
4	Tetracosane	338	C24H50	000646-31-1	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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

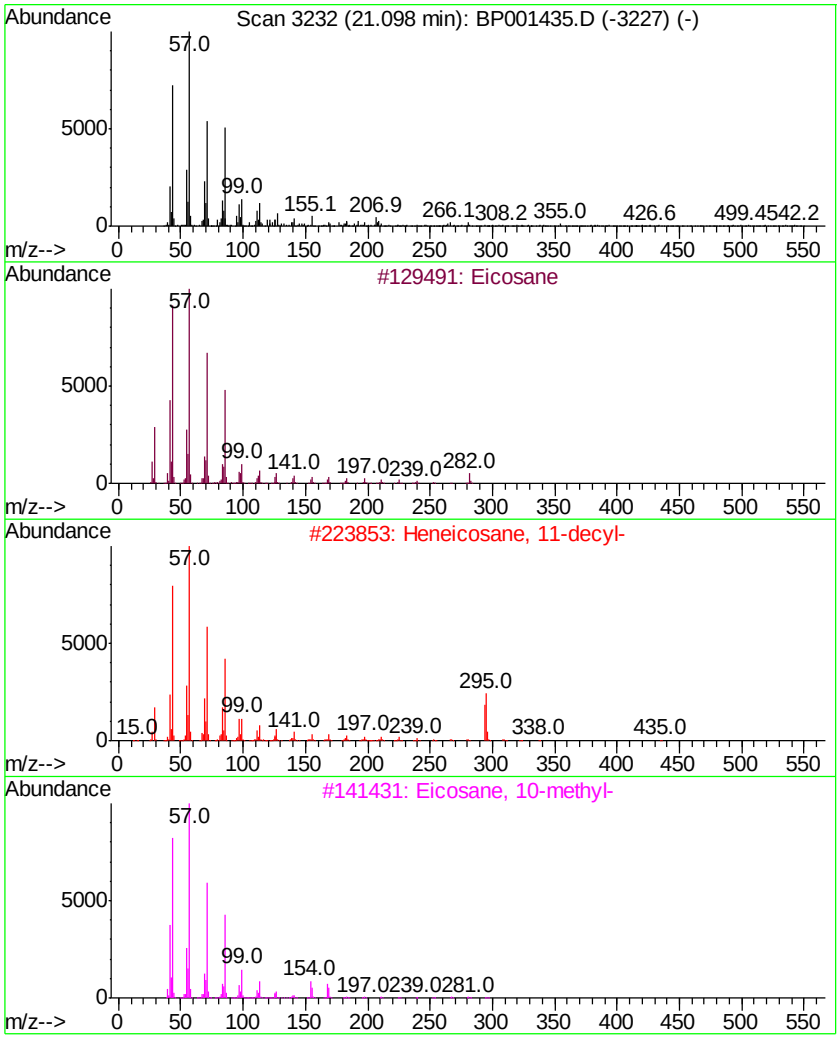
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

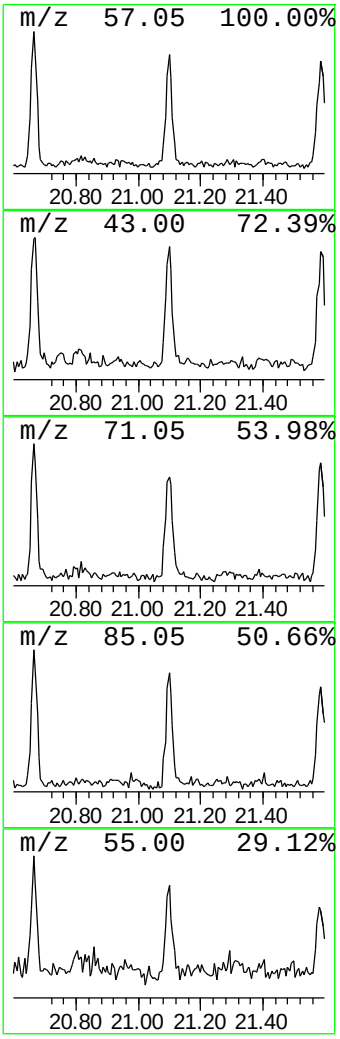
****

Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.01 ng	36472	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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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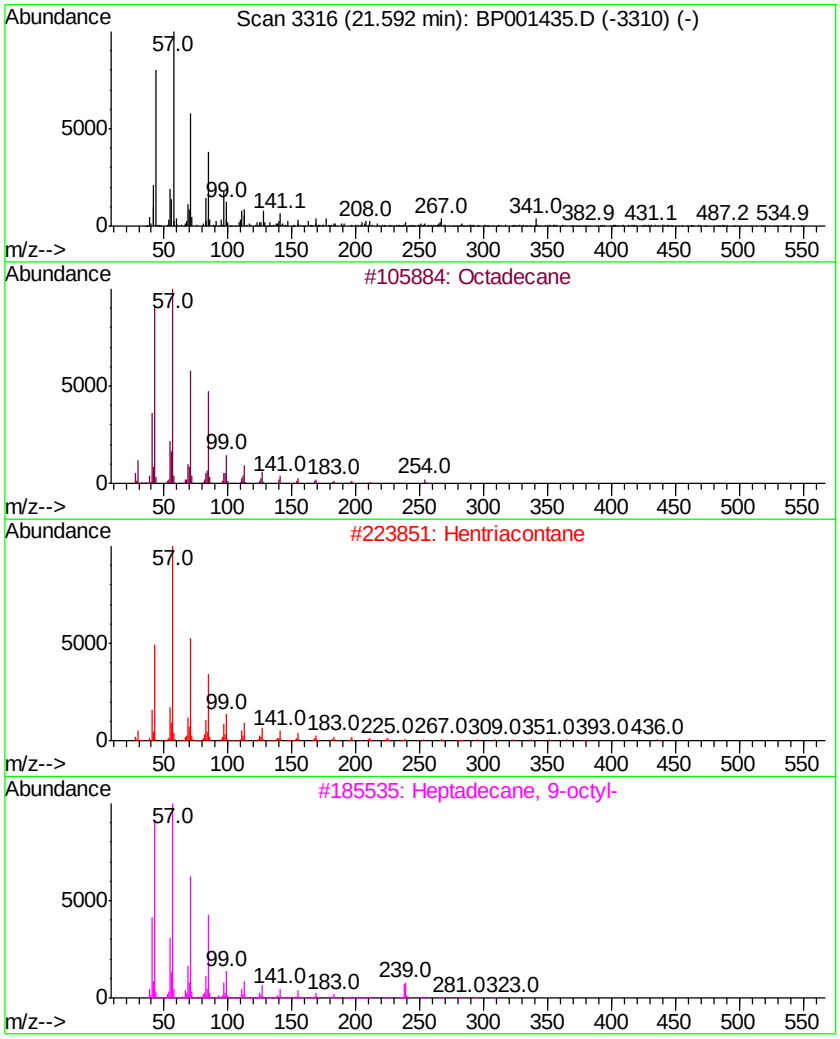
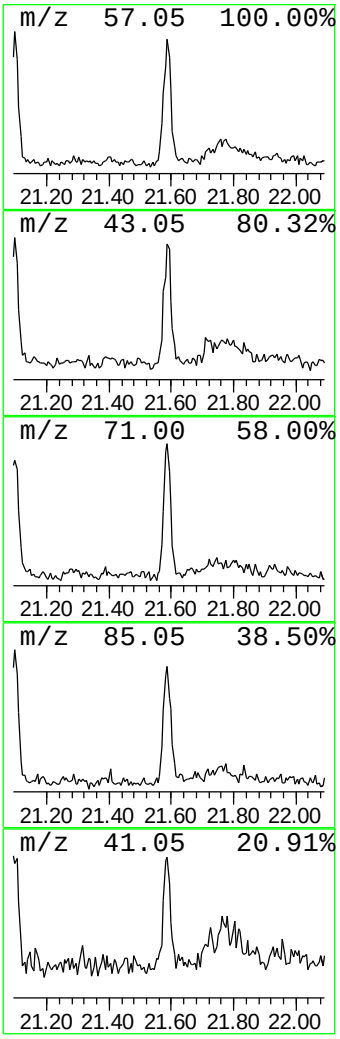
Peak Number 11 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.76 ng	33484	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Hentriacontane	437	C31H64	000630-04-6	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122619\
Data File : BP001435.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6438-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF001-02

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
3-Penten-2-one, 4...	4.74	3.5	ng	34533	1	8.28	194957	20.0
2-Pentanone, 4-hy...	5.60	25.5	ng	248865	1	8.28	194957	20.0
unknown7.93	7.93	118.0	ng	1150150	1	8.28	194957	20.0
n-Hexadecanoic acid	16.47	3.6	ng	53058	4	15.58	293510	20.0
9-Tricosene, (Z)-	19.15	8.1	ng	115300	5	19.22	285160	20.0
Triacontane, 1-br...	19.90	2.3	ng	32881	5	19.22	285160	20.0
17-Pentatriacontene	19.99	2.3	ng	33078	5	19.22	285160	20.0
20.Xi.-Lanosta-7,...	20.66	3.0	ng	36569	6	20.99	242450	20.0
Eicosane	21.10	3.0	ng	36472	6	20.99	242450	20.0
Octadecane	21.59	2.8	ng	33484	6	20.99	242450	20.0