LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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	5.587	591	595	612	rVB	70599	113471	11.56%	1.633%
2	6.199	694	699	712	rBV	429814	575214	58.60%	8.277%
3	7.746	956	962	980	rBV	465580	628871	64.07%	9.049%
4	7.928	987	993	1006	rVB	571149	658160	67.05%	9.470%
5	8.281	1048	1053	1061	rBV	139439	157269	16.02%	2.263%
6	8.522	1088	1094	1104	rBV	452178	518522	52.82%	7.461%
7	9.163	1197	1203	1215	rBV	308164	404146	41.17%	5.815%
8	10.316	1393	1399	1410	rBV	140844	180321	18.37%	2.595%
9	12.098	1696	1702	1720	rBV	606832	781468	79.61%	11.244%
10	12.769	1809	1816	1827	rBV	23401	38347	3.91%	0.552%
11	13.175	1879	1885	1899	rBV	162203	222924	22.71%	3.208%
12	14.475	2098	2106	2120	rBV	411367	592166	60.33%	8.521%
13	15.575	2288	2293	2306	rBV	187117	243977	24.86%	3.511%
14	16.469	2440	2445	2460	rBV2	34981	53614	5.46%	0.771%
15	17.551	2626	2629	2638	rBV4	7973	12224	1.25%	0.176%
16	17.863	2676	2682	2692	rBV	927051	981587	100.00%	14.124%
17	19.133	2888	2898	2908	rBV7	30332	112683	11.48%	1.621%
18	19.222	2908	2913	2924	rVB	208390	255688	26.05%	3.679%
19	19.851	3010	3020	3024	rBV7	20010	60482	6.16%	0.870%
20	20.269	3088	3091	3096	rVB	16311	18532	1.89%	0.267%
21	20.351	3101	3105	3109	rVB	13967	14639	1.49%	0.211%
22	20.663	3153	3158	3165	rVB	19023	23619	2.41%	0.340%
23	20.986	3207	3213	3225	rVV	153562	218438	22.25%	3.143%
24	21.092	3227	3231	3238	rVB2	16795	24747	2.52%	0.356%
25	21.580	3308	3314	3320	rBV3	14701	26563	2.71%	0.382%
26	21.727	3334	3339	3343	rBV7	6658	14047	1.43%	0.202%
27	22.145	3405	3410	3418	rBV5	9090	18154	1.85%	0.261%

Sum of corrected areas: 6949873

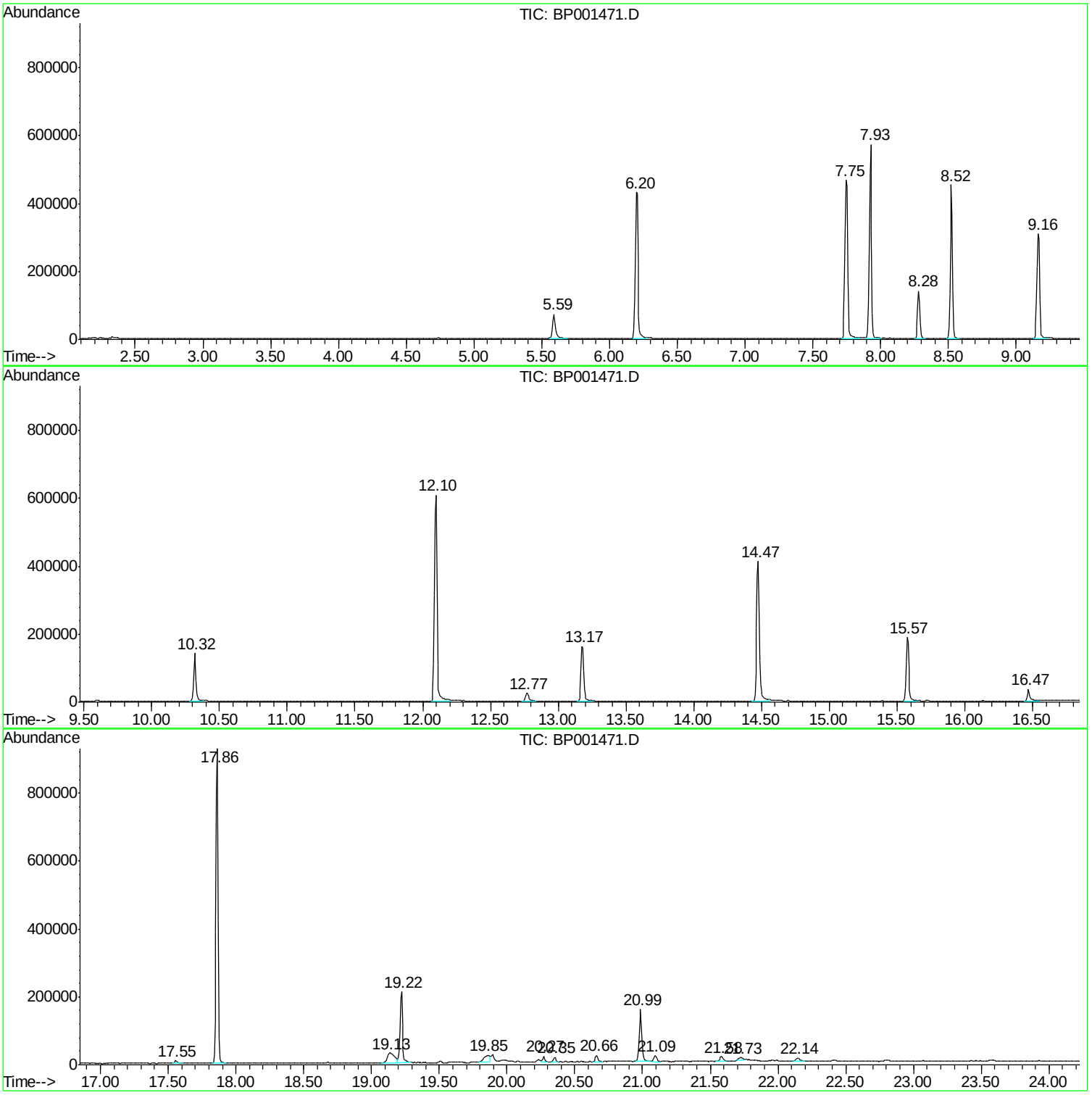
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUNR-BF009-01

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\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

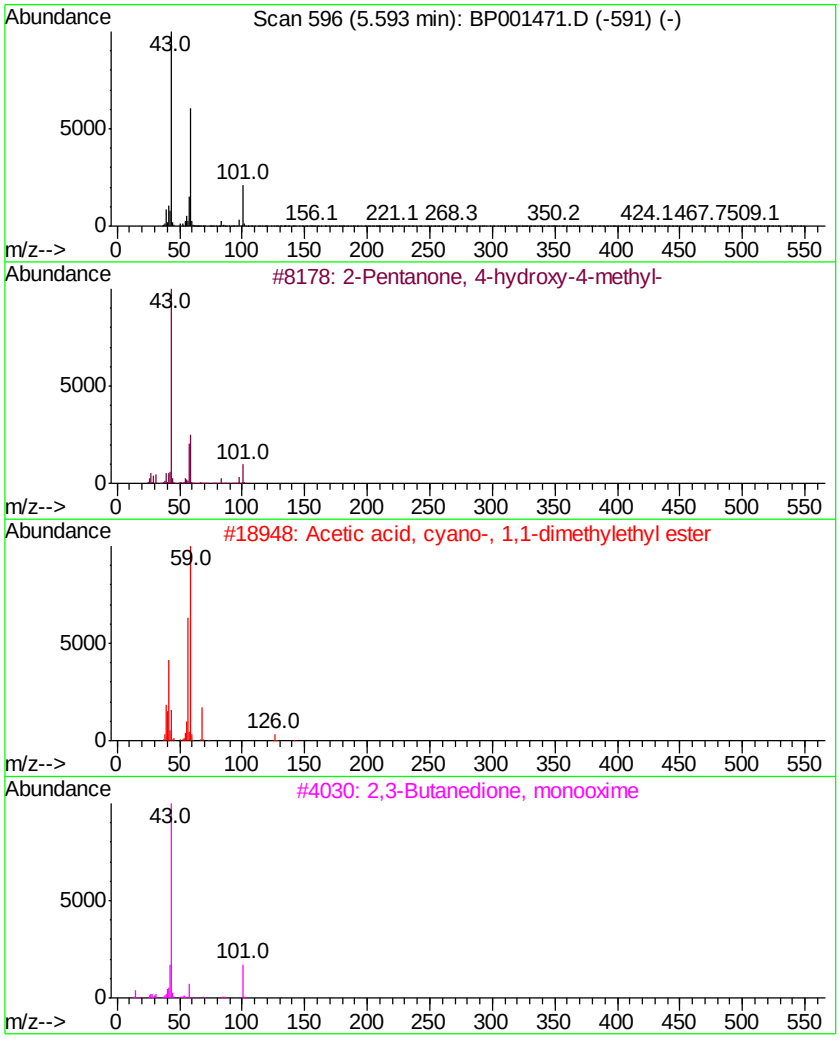
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

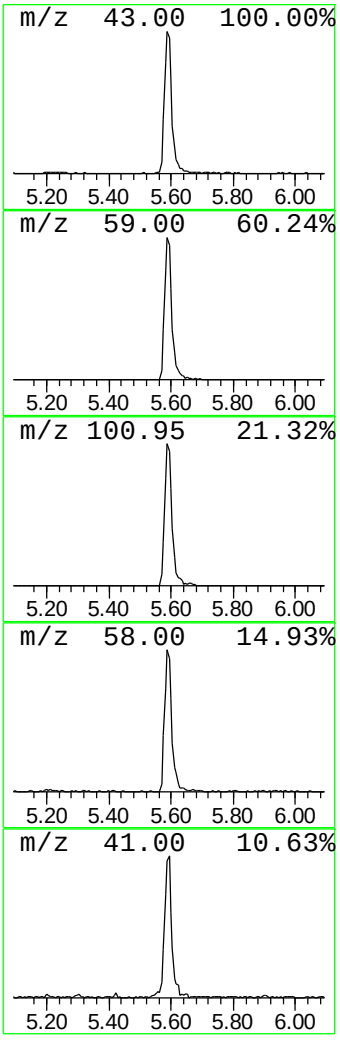
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	14.43 ng	113471	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	TATP	222	C9H18O6	017088-37-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

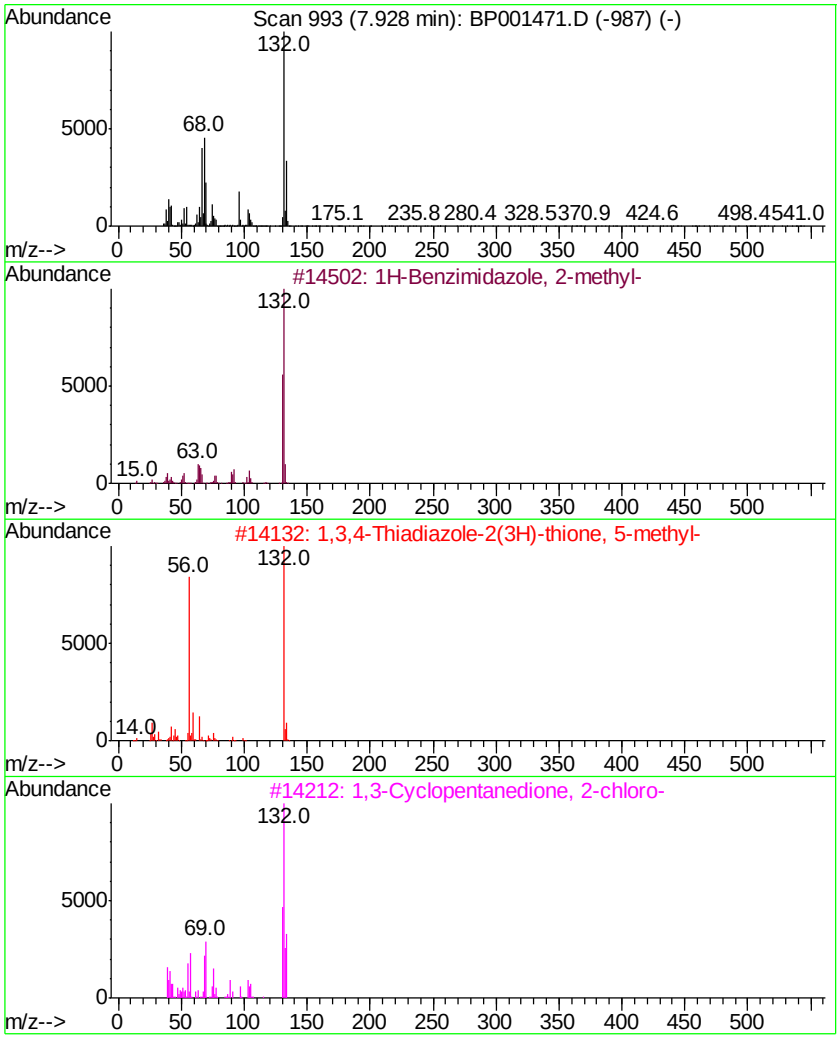
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

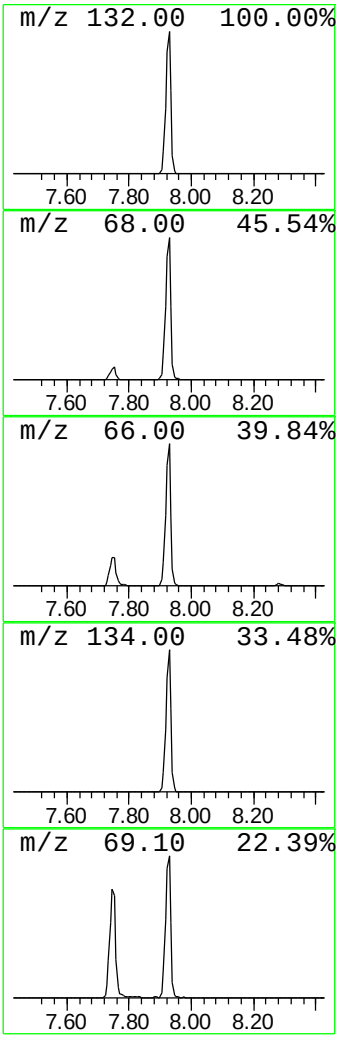
****

Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	83.70 ng	658160	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

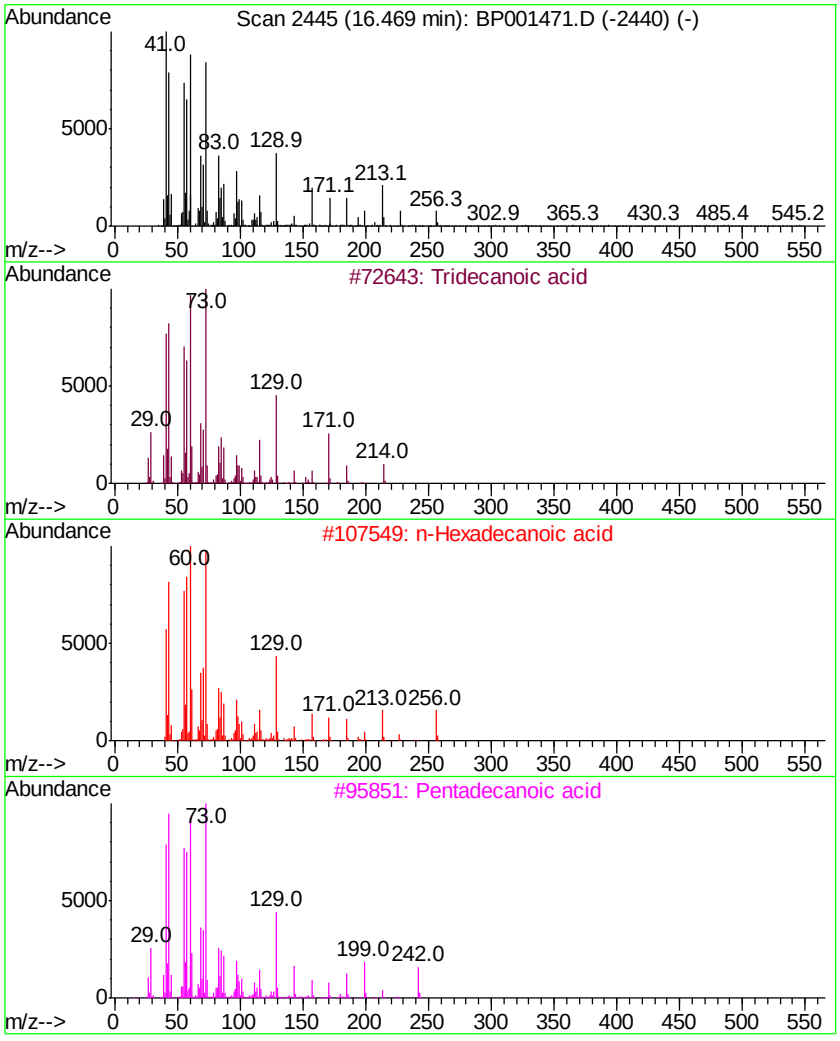
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

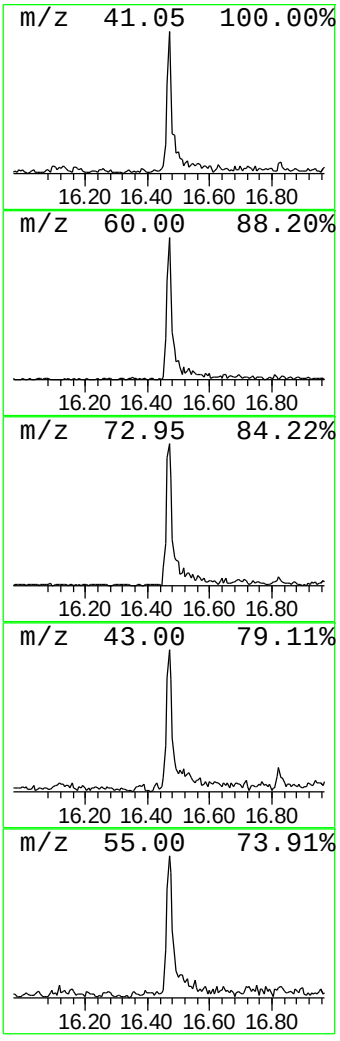
****

Peak Number 4 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.40 ng	53614	Phenanthrene-d10	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

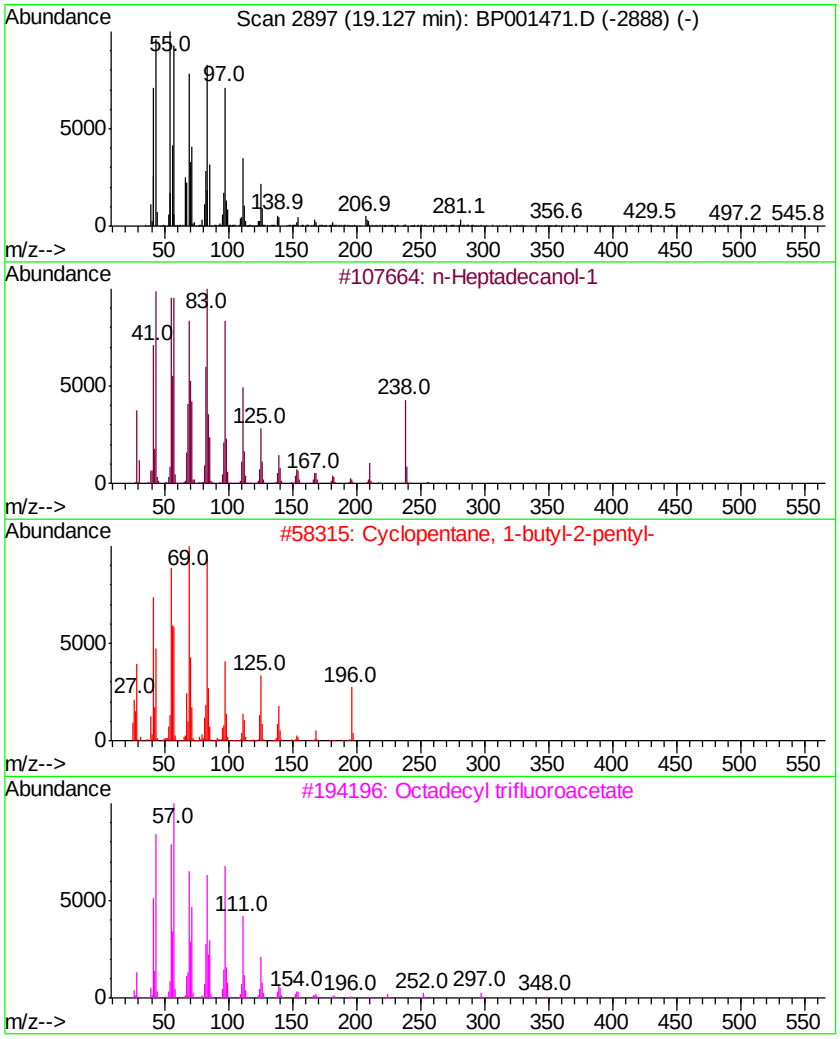
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

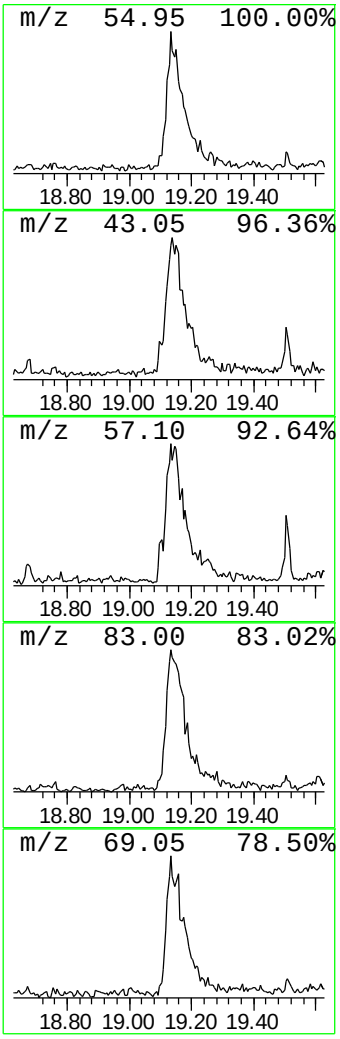
****

Peak Number 5 n-Heptadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	8.81 ng	112683	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	92
2	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	87
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
4	Heptadecafluorononanoic acid, he...	702	C26H35F17O2	1000356-03-3	87
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

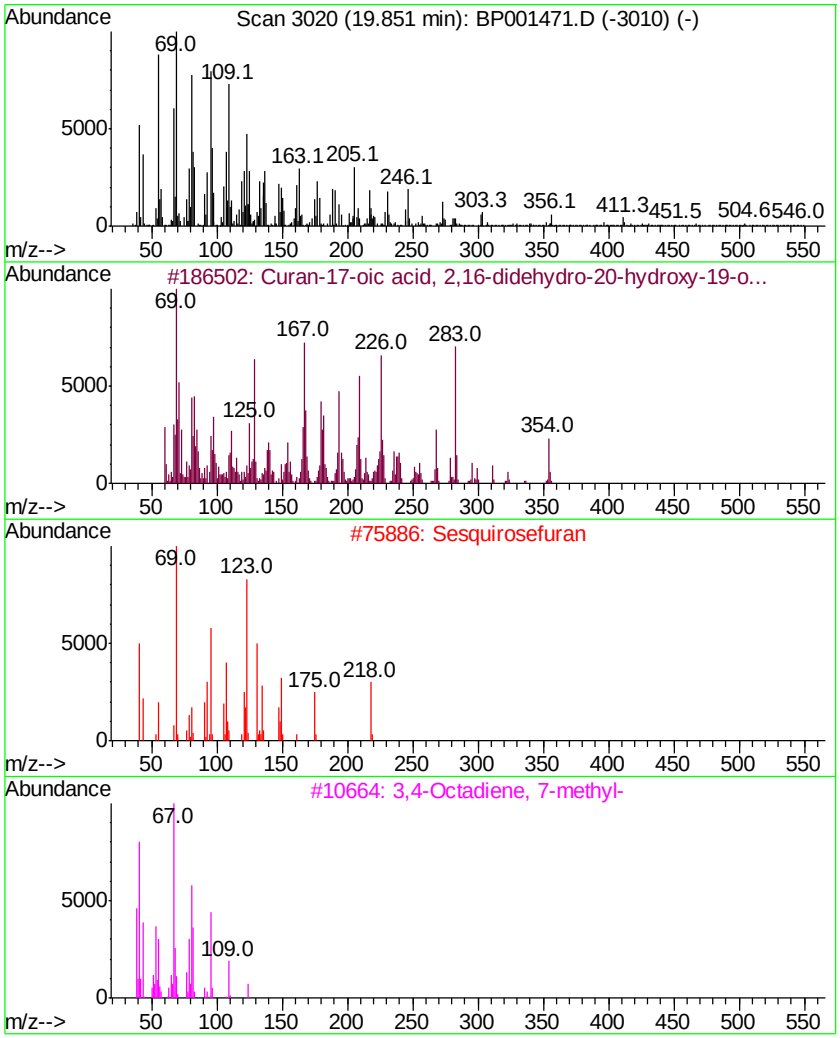
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

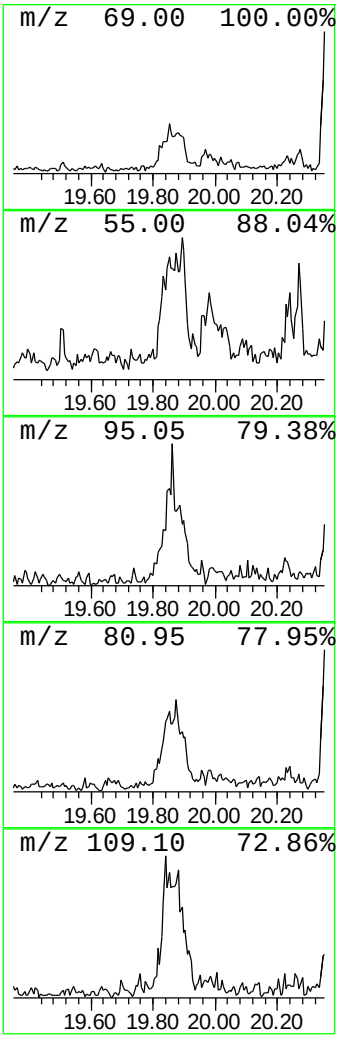
****

Peak Number 6 Curan-17-oic acid, 2,16-did... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	4.73 ng	60482	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Curan-17-oic acid, 2,16-didehydr...	354	C20H22N2O4	056053-15-7	91
2	Sesquirosefuran	218	C15H22O	039007-93-7	46
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	45
4	9-Nonadecyne	264	C19H36	106073-69-2	45
5	2,4-Dioxabicyclo[3.2.1]octane, 6...	263	C14H17NO4	055821-20-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

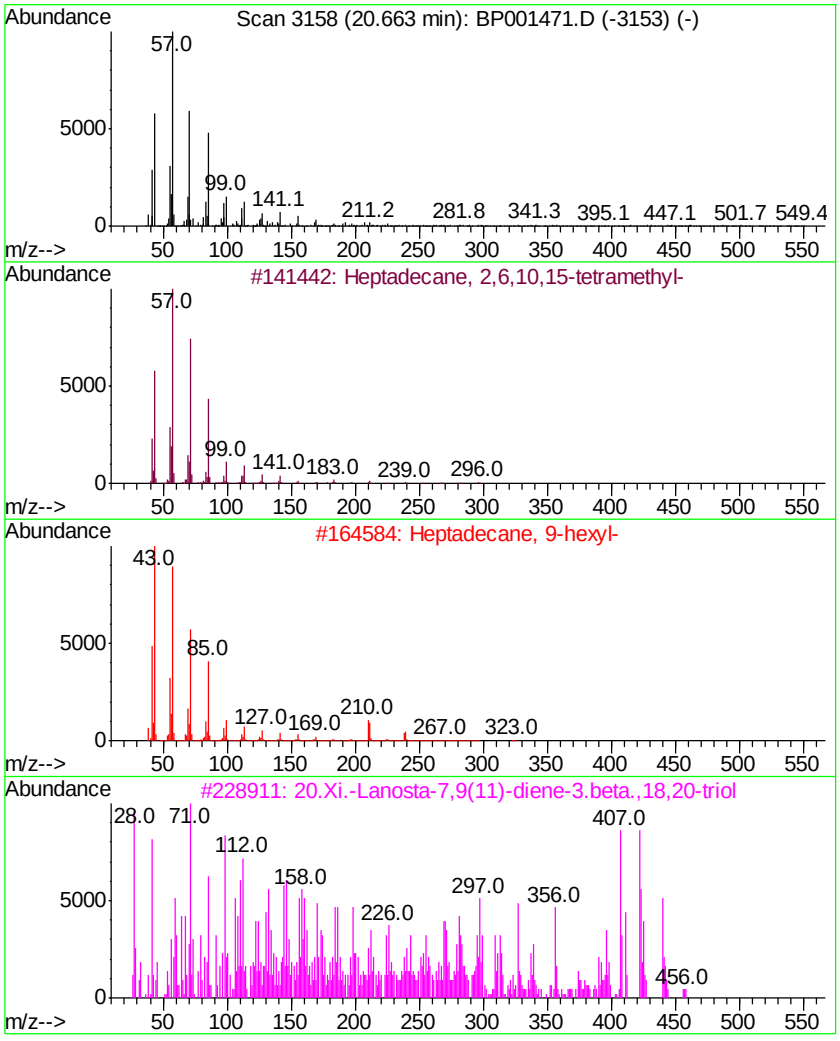
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

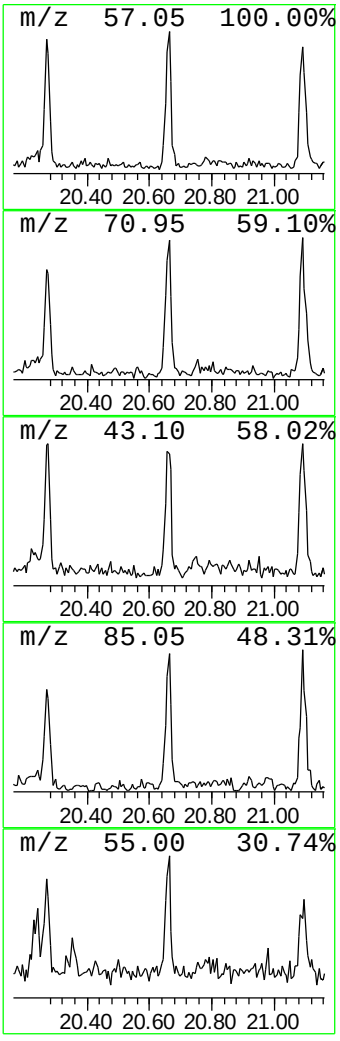
****

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	2.16 ng	23619	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

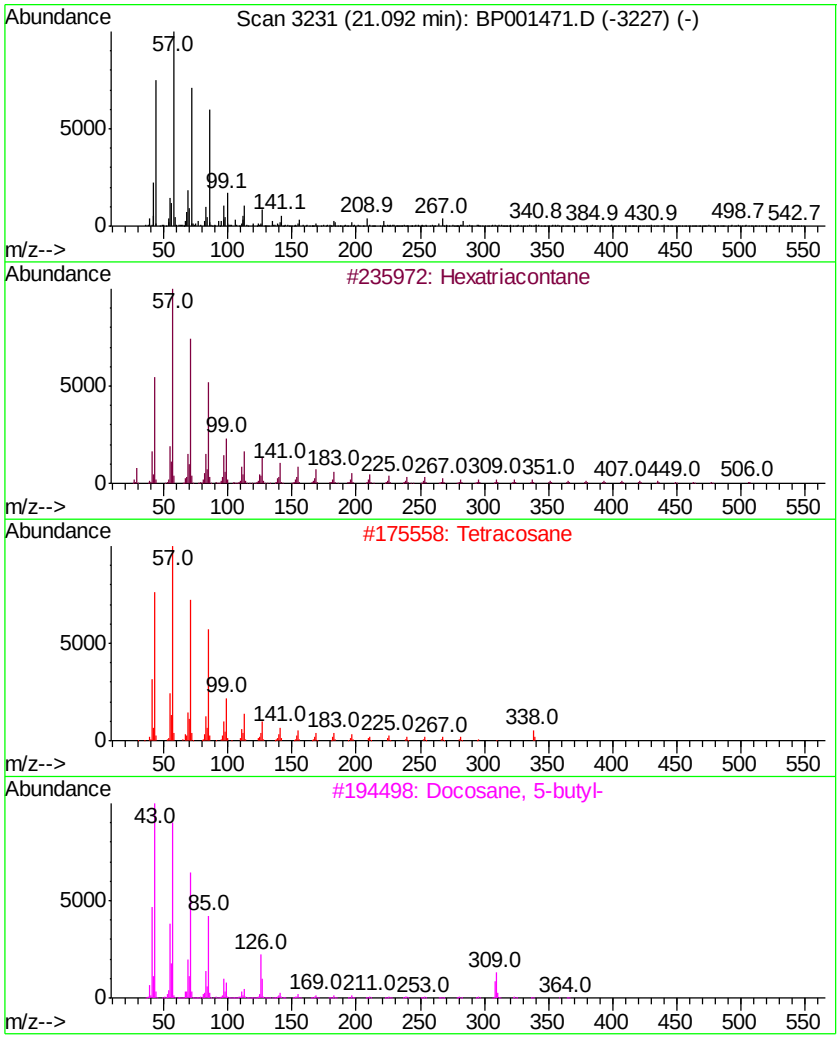
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

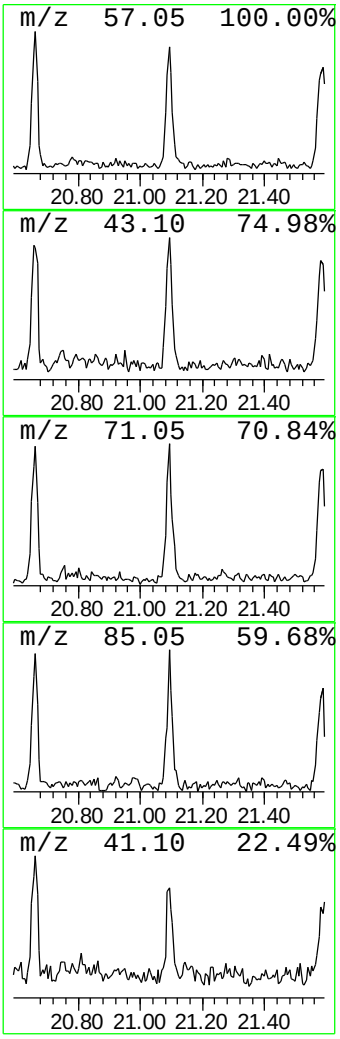
****

Peak Number 8 Hexatriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.27 ng	24747	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	94
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	74
4	Heneicosane	296	C21H44	000629-94-7	74
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

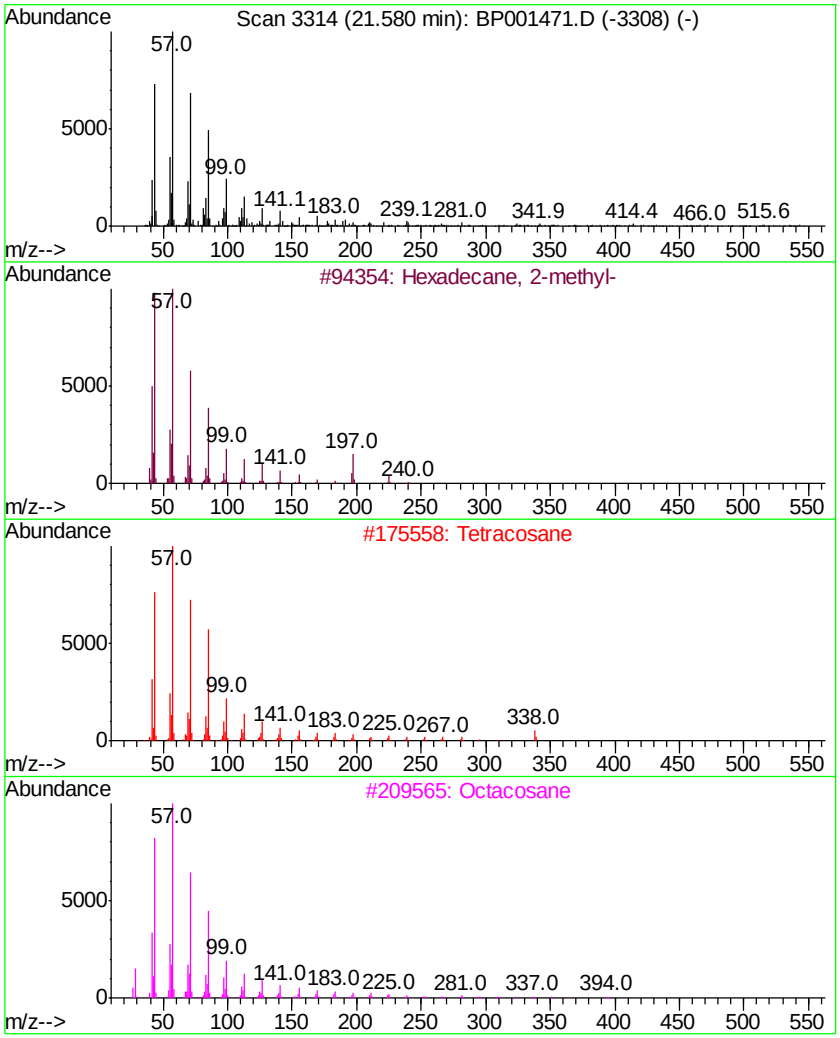
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

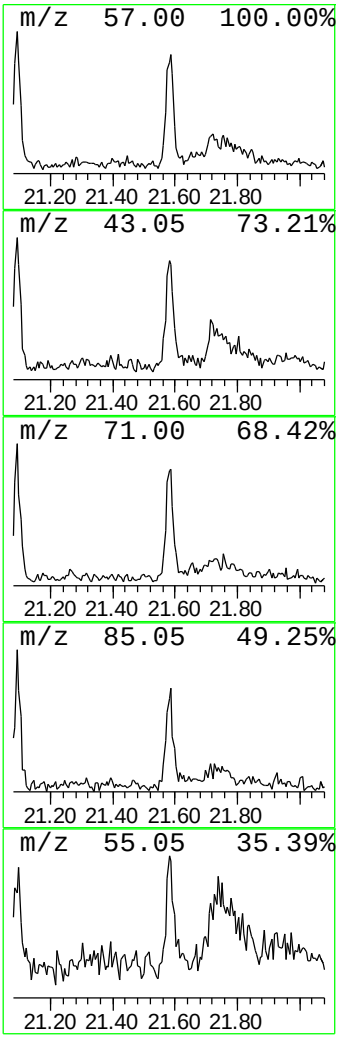
****

Peak Number 9 Hexadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	2.43 ng	26563	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	80
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122719\
Data File : BP001471.D
Acq On : 27 Dec 2019 21:46
Operator : JU
Sample : K6438-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUNR-BF009-01

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.59	14.4	ng	113471	1	8.28	157269	20.0
unknown7.93	7.93	83.7	ng	658160	1	8.28	157269	20.0
Tridecanoic acid	16.47	4.4	ng	53614	4	15.57	243977	20.0
n-Heptadecanol-1	19.13	8.8	ng	112683	5	19.22	255688	20.0
Curan-17-oic acid...	19.85	4.7	ng	60482	5	19.22	255688	20.0
Heptadecane, 2,6,...	20.66	2.2	ng	23619	6	20.99	218438	20.0
Hexatriacontane	21.09	2.3	ng	24747	6	20.99	218438	20.0
Hexadecane, 2-met...	21.58	2.4	ng	26563	6	20.99	218438	20.0